

## CEILING SUPPLY UNITS System Catalog



**Pneumatik Berlin GmbH PTM**  
Falkenberger Straße 40  
13088 Berlin  
Germany



Fon +49 / 30 / 927010-0  
Fax +49 / 30 / 9268132  
[info@pneumatik-berlin.de](mailto:info@pneumatik-berlin.de)

[www.pneumatik-berlin.de](http://www.pneumatik-berlin.de)

**Made in Germany**  




## Light Load Systems

Technical Descriptions  
and Proposals



**Pneumatik Berlin GmbH PTM**  
Falkenberger Straße 40  
D-13088 Berlin  
Germany

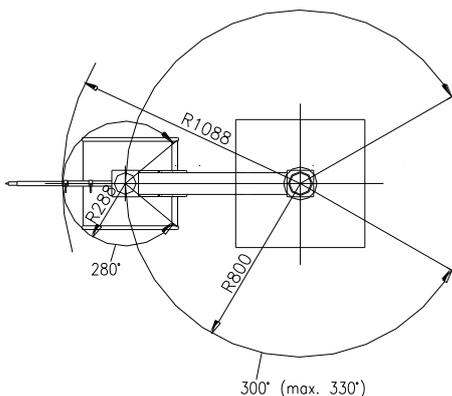
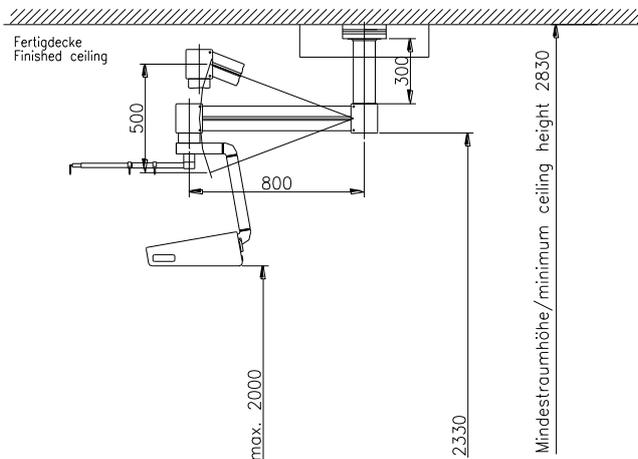
Tel: +49 / 30 / 92 70 10 -0  
Fax: +49 / 30 / 926 81 32  
info@pneumatik-berlin.de  
www.pneumatik-berlin.de

### Type 225-01

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm            300° (max. 330°)  
Instrument Bracket:         280°
- Swivel radius:  
Vertical swivel arm            800 mm
- Height adjustment            500 mm
- Payload:                         25 kg
- Load capacity (Arm):        40 kg
- Weight:                         approx. 50 kg
- Max. torque:                  485 Nm
- Ceiling cover:                 480 x 480 x 150 mm
- Colour:                         RAL 9016, Traffic white

The ceiling supply unit type 225-01 is a lightload system consisting of a rotatable spring arm with manual vertical height adjustment and an eccentrically aligned shelf module for HF surgery devices or other small scale medical equipment. The module itself can accommodate up to 4 terminal units for medical gases as well as a maximum of 4 power sockets and data connectors.



#### Proposal

**Med. Gases:**

- 1 x Oxygen O<sub>2</sub>
- 1 x Air 5 bar
- 1x CO<sub>2</sub>
- 1 x Vacuum

**Electrical:**

- 4 x Power sockets 230 V
- 4 x POAG

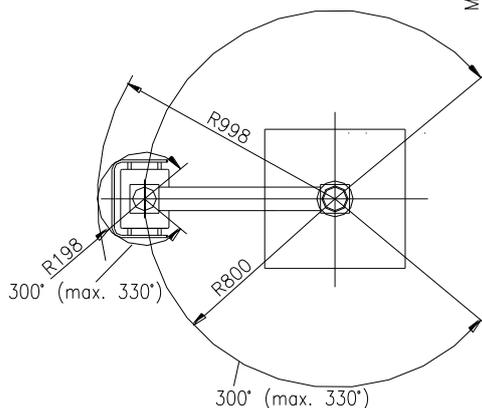
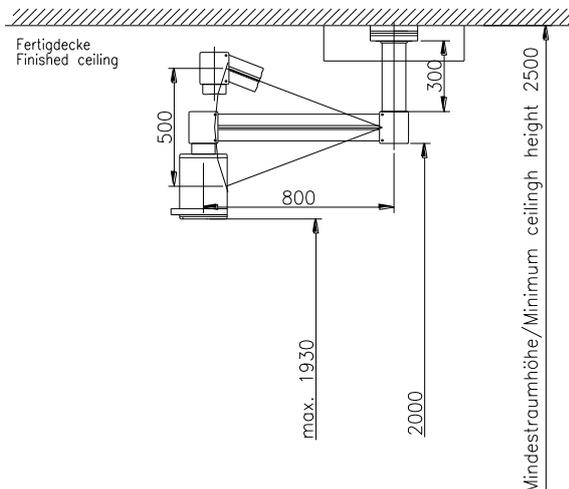
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 225-01  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 225-02

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm 300° (max. 330°)  
Service Column: 280°
- Swivel radius:  
Vertical swivel arm 800 mm
- Height adjustment 500 mm
- Payload: 30 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 41 kg
- Max. torque: 470 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 225-02 is a lightload system consisting of a rotatable spring arm with manual vertical height adjustment and a short service module with circumferential grip rail. The module itself can accommodate up to 4 terminal units for medical gases as well as a maximum of 4 power sockets and data connectors.



#### Proposal

**Med. Gases:** 2 x Oxygen O<sub>2</sub>  
2 x Air 5 bar

**Electrical:** 4 x Power sockets 230 V  
4 x POAG

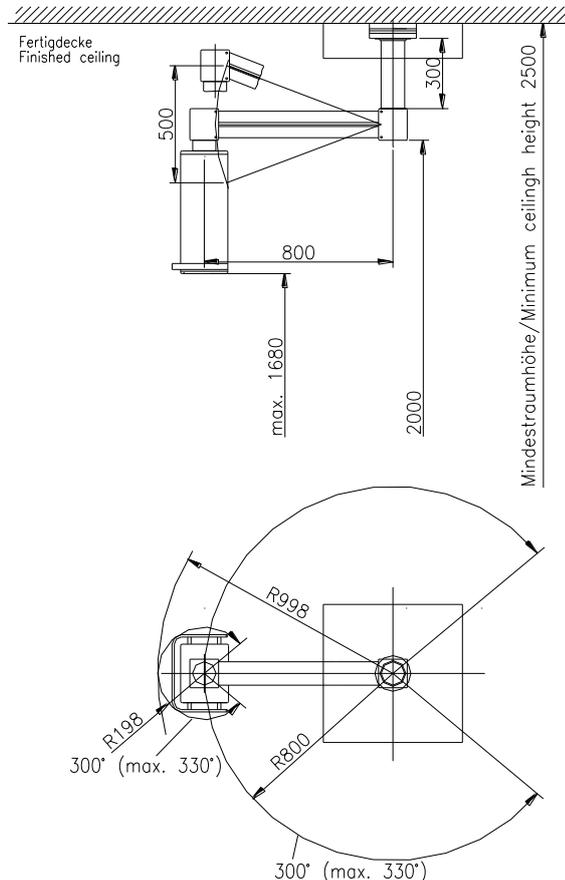
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 225-02  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 225-03

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm 300° (max. 330°)  
Service Column: 280°
- Swivel radius:  
Vertical swivel arm 800 mm
- Height adjustment 500 mm
- Payload: 25 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 45 kg
- Max. torque: 470 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 225-03 is a lightload system consisting of a rotatable spring arm with manual vertical height adjustment and a service column (500 mm) with circumferential grip rail. The module itself can accommodate up to 4 terminal units for medical gases as well as a maximum of 4 power sockets and data connectors..



#### Proposal

**Med. Gases:**

- 1 x Oxygen O<sub>2</sub>
- 1 x Air 5 bar
- 1x CO<sub>2</sub>
- 1 x Vacuum

**Electrical:**

- 4 x Power sockets 230 V
- 4 x POAG

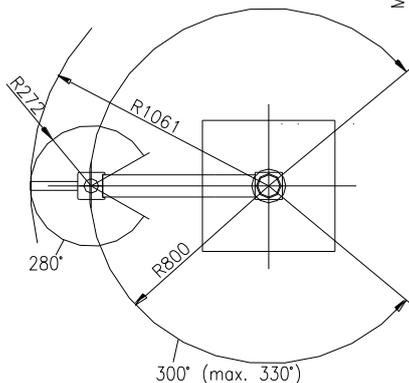
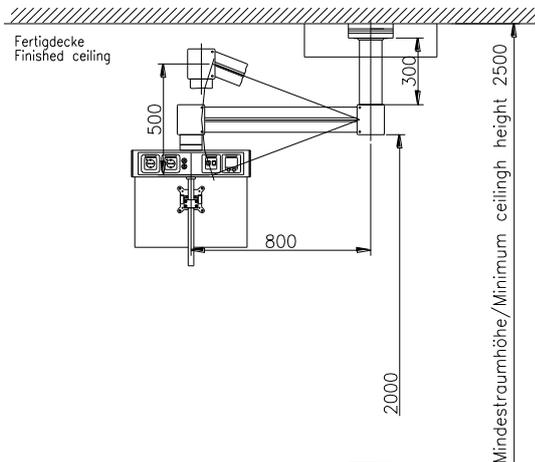
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 225-03  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 225-04

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm 300° (max. 330°)  
Monitor Support: 280°
- Swivel radius:  
Vertical swivel arm 800 mm
- Height adjustment 500 mm
- Payload: 30 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 43 kg
- Max. torque: 470 Nm
- Monitor Support: VESA 75/100
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 225-04 is a lightload system consisting of a rotatable spring arm with manual vertical height adjustment and an inclinable monitor support system with 1 to 4 adapters for TFT flat screen monitors. The support module can accommodate up to 2 power sockets and data connectors.



#### Proposal (2 Monitors)

**Electrical:** 2 x Power sockets 230 V  
2 x POAG

**Low Voltage:** 2 x Data

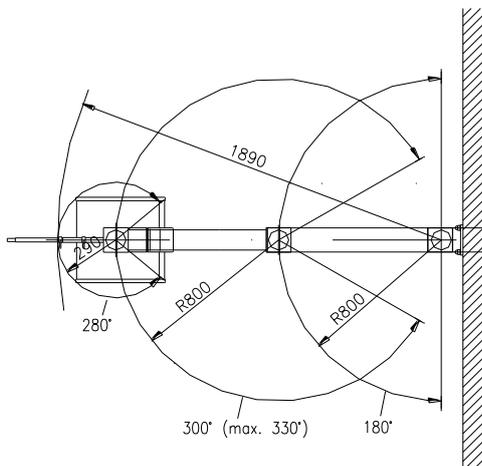
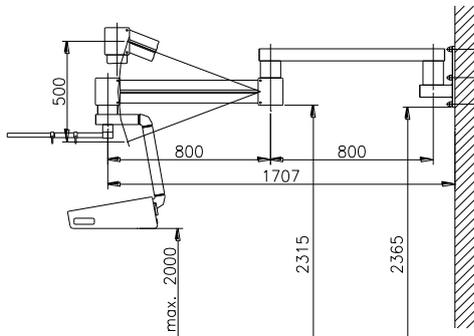
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 225-04  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 226-01

#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 180°
  - Vertical swivel arm 300° (max. 330°)
  - Instrument bracket 280°
- Swivel radius:
  - Horizontal swivel arm 800 mm
  - Vertical swivel arm 800 mm
- Lift: 500 mm
- Payload: 25 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 68 kg
- Max. torque: 1065 Nm
- Instrument platform: 390 x 410 mm
- Colour: RAL 9016, Traffic white

The wall-mounted supply unit type 226-01 is a lightload system consisting of a horizontal swivel arm and a rotatable spring arm with manual vertical height adjustment and an eccentrically aligned shelf module for HF surgery devices or other small scale medical equipment. The module itself can accommodate up to 4 terminal units for medical gases as well as a maximum of 4 power sockets and data connectors.



#### Proposal

**Med. Gases:**

- 1 x Oxygen O<sub>2</sub>
- 1 x Air 5 bar
- 1x CO<sub>2</sub>
- 1 x Vacuum

**Electrical:**

- 4 x Power sockets 230 V
- 4 x POAG

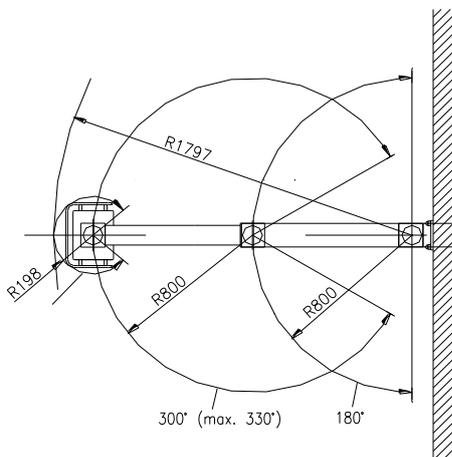
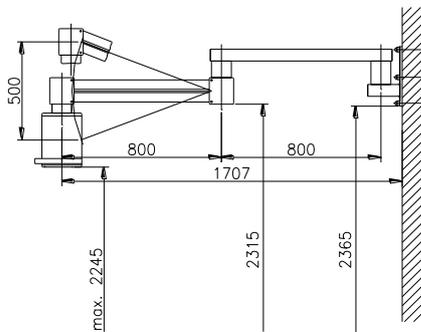
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 226-01  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 226-02

#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 180°
  - Vertical swivel arm 300° (max. 330°)
  - Service Column 280°
- Swivel radius:
  - Horizontal swivel arm 800 mm
  - Vertical swivel arm 800 mm
- Lift: 500 mm
- Payload: 30 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 60 kg
- Max. torque: 1025 Nm
- Colour: RAL 9016, Traffic white

The wall-mounted supply unit type 226-02 is a lightload system consisting of a horizontal swivel arm and a rotatable spring arm with manual vertical height adjustment and a short service module with circumferential grip rail. The module itself can accommodate up to 4 terminal units for medical gases as well as a maximum of 4 power sockets and data connectors.



#### Proposal

**Med. Gases:** 2 x Oxygen O<sub>2</sub>  
2 x Air 5 bar

**Electrical:** 4 x Power sockets 230 V  
4 x POAG

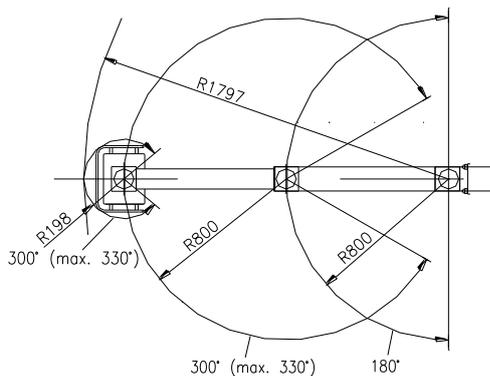
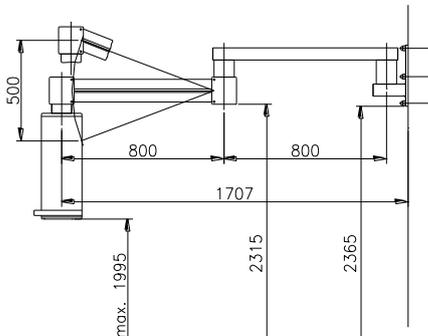
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 226-02  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 226-03

#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 180°
  - Vertical swivel arm 300° (max. 330°)
  - Service Column 280°
- Swivel radius:
  - Horizontal swivel arm 800 mm
  - Vertical swivel arm 800 mm
- Lift: 500 mm
- Payload: 27 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 64 kg
- Max. torque: 1025 Nm
- Colour: RAL 9016, Traffic white

The wall-mounted supply unit type 226-03 is a lightload system consisting of a horizontal swivel arm and a rotatable spring arm with manual vertical height adjustment and a short service column (500 mm) with circumferential grip rail. The column itself can accommodate up to 4 terminal units for medical gases as well as a maximum of 4 power sockets and data connectors.



#### Proposal

**Med. Gases:**

- 1 x Oxygen O<sub>2</sub>
- 1 x Air 5 bar
- 1x CO<sub>2</sub>
- 1 x Vacuum

**Electrical:**

- 4 x Power sockets 230 V
- 4 x POAG

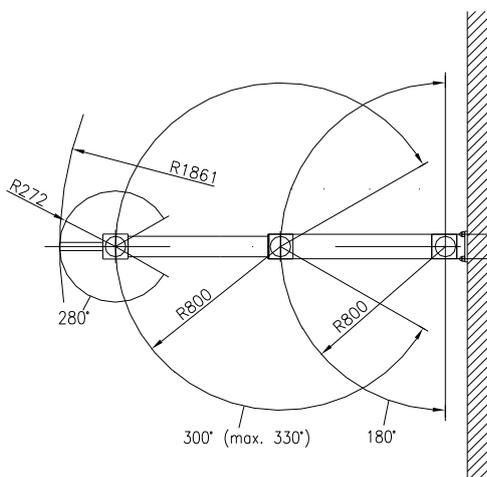
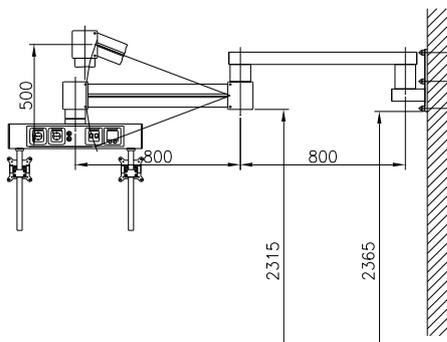
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 226-03  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 226-04

#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 180°
  - Vertical swivel arm 300° (max. 330°)
  - Monitor Support 280°
- Swivel radius:
  - Horizontal swivel arm 800 mm
  - Vertical swivel arm 800 mm
- Lift: 500 mm
- Payload: 30 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 60 kg
- Max. torque: 1030 Nm
- Monitor Support: VESA 75/100
- Colour: RAL 9016, Traffic white

The wall-mounted supply unit type 226-04 is a lightload system consisting of a horizontal swivel arm and a rotatable spring arm with manual vertical height adjustment and an inclinable monitor support system with 1 to 4 adapters for TFT flat screen monitors. The support module can accommodate up to 2 power sockets and data connectors.



#### Proposal (2 Monitors)

**Electrical:** 2 x Power sockets 230 V  
2 x POAG

**Low Voltage:** 2 x Data

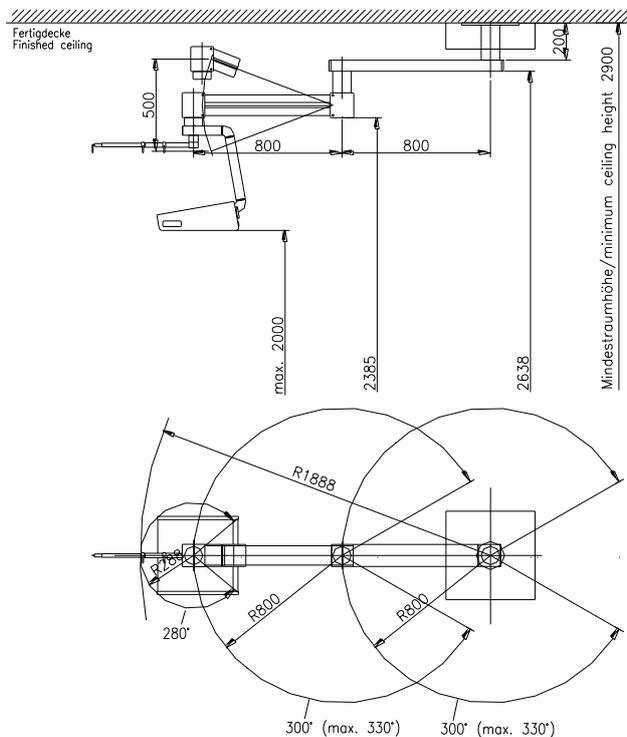
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 226-04  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 228-01

#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 180°
  - Vertical swivel arm 300° (max. 330°)
  - Instrument bracket 280°
- Swivel radius:
  - Horizontal swivel arm 800 mm
  - Vertical swivel arm 800 mm
- Lift: 500 mm
- Payload: 25 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 68 kg
- Max. torque: 1065 Nm
- Instrument platform: 390 x 410 mm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 228-01 is a lightload system consisting of a horizontal swivel arm and a rotatable spring arm with manual vertical height adjustment and an eccentrically aligned shelf module for HF surgery devices or other small scale medical equipment. The module itself can accommodate up to 4 terminal units for medical gases as well as a maximum of 4 power sockets and data connectors.



#### Proposal

**Med. Gases:**

- 1 x Oxygen O<sub>2</sub>
- 1 x Air 5 bar
- 1x CO<sub>2</sub>
- 1 x Vacuum

**Electrical:**

- 4 x Power sockets 230 V
- 4 x POAG

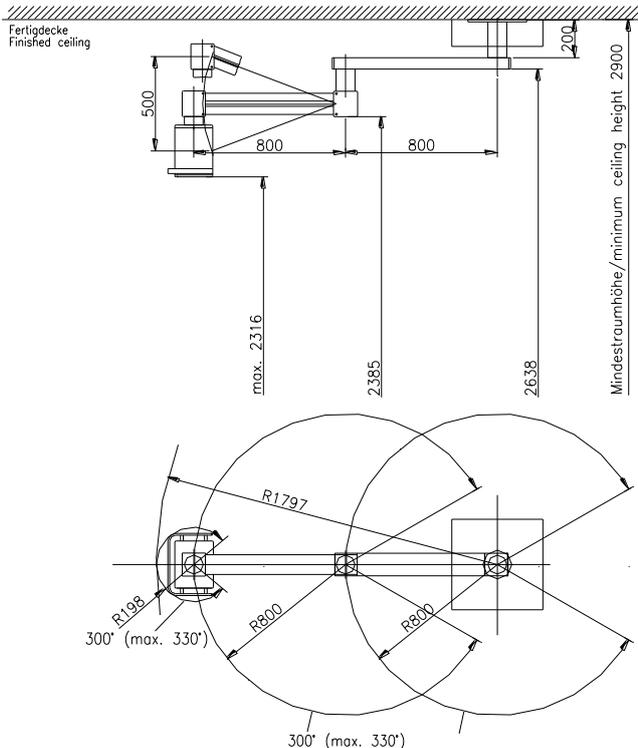
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 228-01  
 CE 0123 compliant with MDD 93/42/EEC

### Type 228-02

#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 300° (max. 330°)
  - Vertical swivel arm 300° (max. 330°)
  - Service Column 280°
- Swivel radius:
  - Horizontal swivel arm 800 mm
  - Vertical swivel arm 800 mm
- Lift: 500 mm
- Payload: 30 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 60 kg
- Max. torque: 1025 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 228-02 is a lightload system consisting of a horizontal swivel arm and a rotatable spring arm with manual vertical height adjustment and a short service module with circumferential grip rail. The module itself can accommodate up to 4 terminal units for medical gases as well as a maximum of 4 power sockets and data connectors.



#### Proposal

**Med. Gases:** 2 x Oxygen O<sub>2</sub>  
2 x Air 5 bar

**Electrical:** 4 x Power sockets 230 V  
4 x POAG

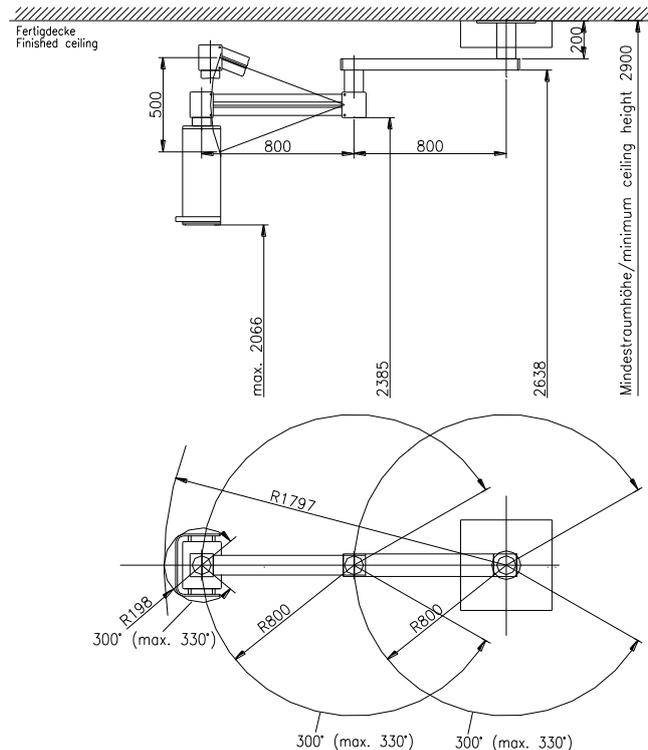
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 228-02  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 228-03

#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 300° (max. 330°)
  - Vertical swivel arm 300° (max. 330°)
  - Service Column 280°
- Swivel radius:
  - Horizontal swivel arm 800 mm
  - Vertical swivel arm 800 mm
- Lift: 500 mm
- Payload: 27 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 64 kg
- Max. torque: 1025 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 228-03 is a lightload system consisting of a horizontal swivel arm and a rotatable spring arm with manual vertical height adjustment and a short service column (500 mm) with circumferential grip rail. The column itself can accommodate up to 4 terminal units for medical gases as well as a maximum of 4 power sockets and data connectors.



#### Proposal

**Med. Gases:**

- 1 x Oxygen O<sub>2</sub>
- 1 x Air 5 bar
- 1x CO<sub>2</sub>
- 1 x Vacuum

**Electrical:**

- 4 x Power sockets 230 V
- 4 x POAG

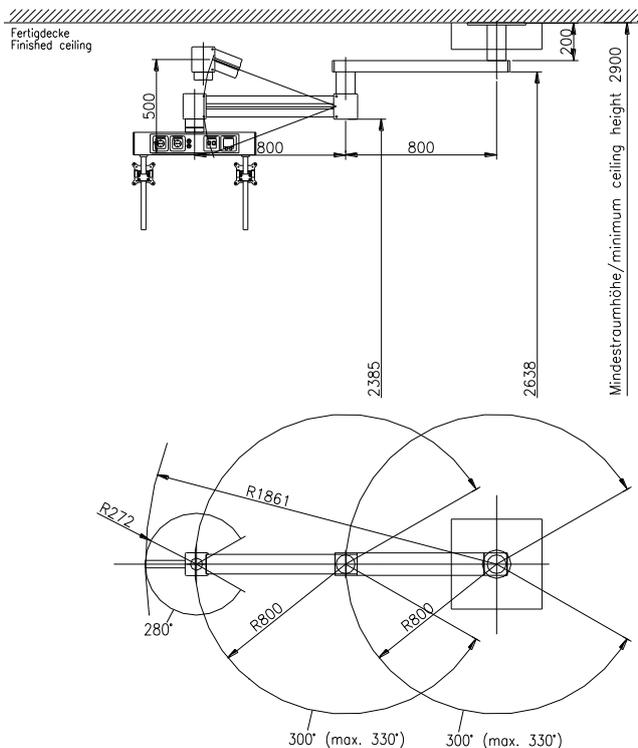
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 228-03  
 CE 0123 compliant with MDD 93/42/EEC

### Type 228-04

#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 300° (max. 330°)
  - Vertical swivel arm 300° (max. 330°)
  - Monitor Support 280°
- Swivel radius:
  - Horizontal swivel arm 800 mm
  - Vertical swivel arm 800 mm
- Lift: 500 mm
- Payload: 30 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 60 kg
- Max. torque: 1030 Nm
- Monitor Support: VESA 75/100
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 228-04 is a lightload system consisting of a horizontal swivel arm and a rotatable spring arm with manual vertical height adjustment and an inclinable monitor support system with 1 to 4 adapters for TFT flat screen monitors. The support module can accommodate up to 2 power sockets and data connectors.



#### Proposal

**Electrical:** 2 x Power sockets 230 V  
2 x POAG

**Low Voltage:** 2 x Data

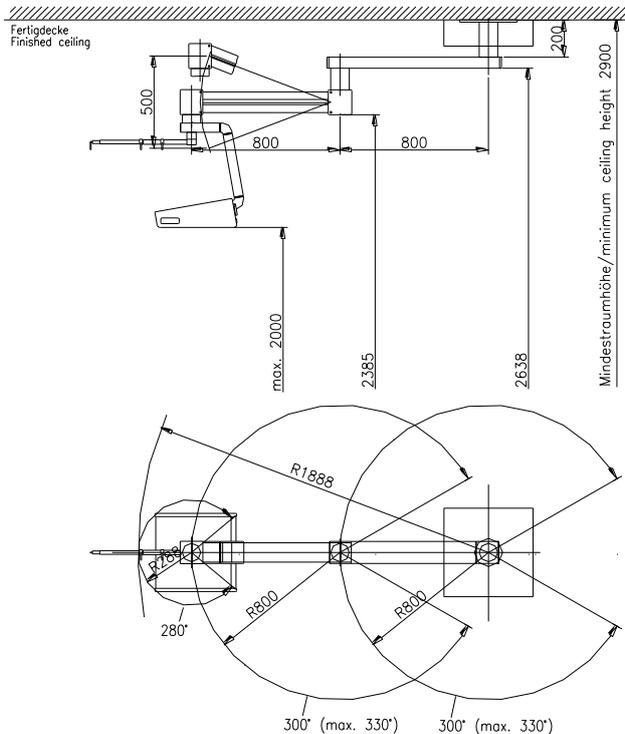
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 228-04  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 229-01

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Instrument bracket 280°
- Swivel radius:  
Horizontal swivel arm 800 mm
- Payload: 25 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 68 kg
- Max. torque: 1065 Nm
- Instrument platform: 390 x 410 mm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 229-01 is a lightload system consisting of a horizontal swivel arm and a rotatable spring arm with manual vertical height adjustment and an eccentrically aligned shelf module for HF surgery devices or other small scale medical equipment. The module itself can accommodate up to 4 terminal units for medical gases as well as a maximum of 4 power sockets and data connectors.



#### Proposal

**Med. Gases:**

- 1 x Oxygen O<sub>2</sub>
- 1 x Air 5 bar
- 1x CO<sub>2</sub>
- 1 x Vacuum

**Electrical:**

- 4 x Power sockets 230 V
- 4 x POAG

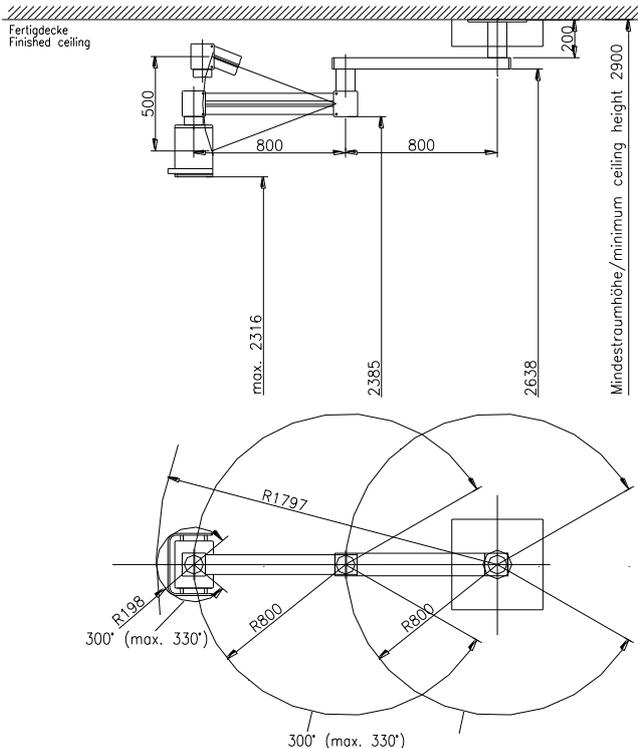
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 229-01  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 229-02

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 280°
- Swivel radius:  
Horizontal swivel arm 800 mm
- Payload: 30 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 60 kg
- Max. torque: 1025 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 229-02 is a lightload system consisting of a single horizontal swivel arm and a short service module with circumferential grip rail. The module itself can accommodate up to 4 terminal units for medical gases as well as a maximum of 4 power sockets and data connectors.



#### Proposal

**Med. Gases:** 2 x Oxygen O<sub>2</sub>  
2 x Air 5 bar

**Electrical:** 4 x Power sockets 230 V  
4 x POAG

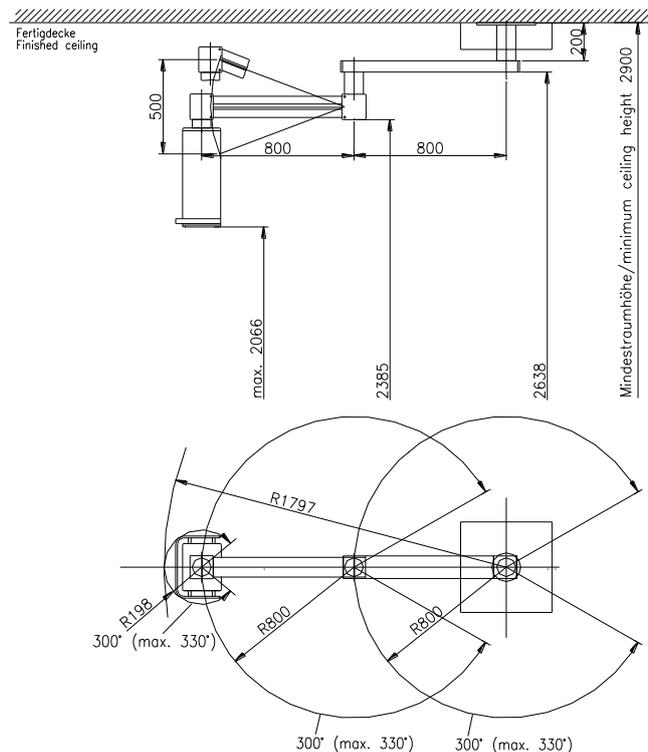
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 229-02  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 229-03

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 280°
- Swivel radius:  
Horizontal swivel arm 800 mm
- Payload: 27 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 64 kg
- Max. torque: 1025 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 229-03 is a lightload system consisting of a single horizontal swivel arm and a short service column (500 mm) with circumferential grip rail. The column itself can accommodate up to 4 terminal units for medical gases as well as a maximum of 4 power sockets and data connectors.



#### Proposal

**Med. Gases:**

- 1 x Oxygen O<sub>2</sub>
- 1 x Air 5 bar
- 1x CO<sub>2</sub>
- 1 x Vacuum

**Electrical:**

- 4 x Power sockets 230 V
- 4 x POAG

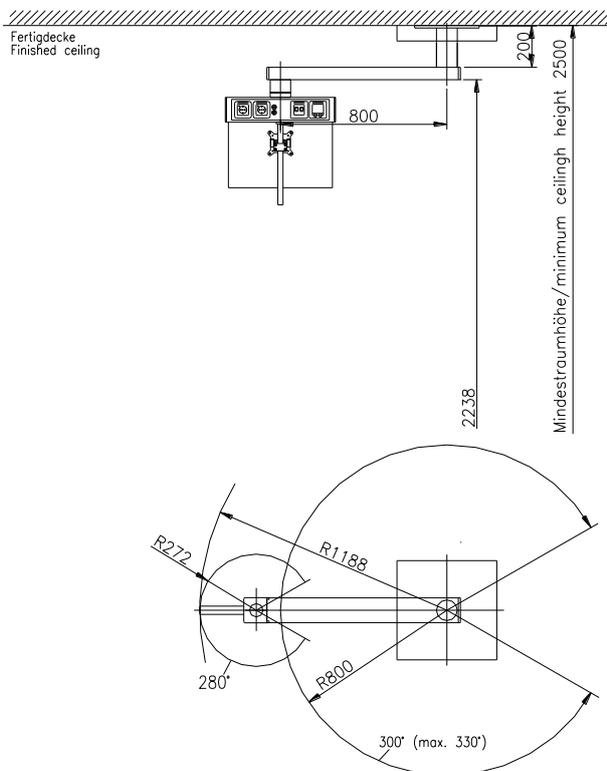
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 229-03  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 229-04

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Monitor Support 280°
- Swivel radius:  
Horizontal swivel arm 800 mm
- Payload: 30 kg
- Load capacity (Arm): 40 kg
- Weight: approx. 42 kg
- Max. torque: 520 Nm
- Monitor Support: VESA 75/100
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 229-04 is a lightload system consisting of a single horizontal swivel arm and an inclinable monitor support system with 1 to 4 adapters for TFT flat screen monitors. The support module can accommodate up to 2 power sockets and data connectors.



#### Proposal

**Electrical:** 2 x Power sockets 230 V  
2 x POAG

**Low Voltage:** 2 x Data

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 229-04  
**CE 0123 compliant with MDD 93/42/EEC**



## Normal Load Systems

Technical Descriptions  
and Proposals



**Pneumatik Berlin GmbH PTM**  
Falkenberger Straße 40  
D-13088 Berlin  
Germany

Tel: +49 / 30 / 92 70 10 -0  
Fax: +49 / 30 / 926 81 32  
info@pneumatik-berlin.de  
www.pneumatik-berlin.de



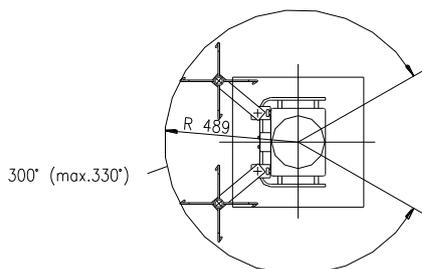
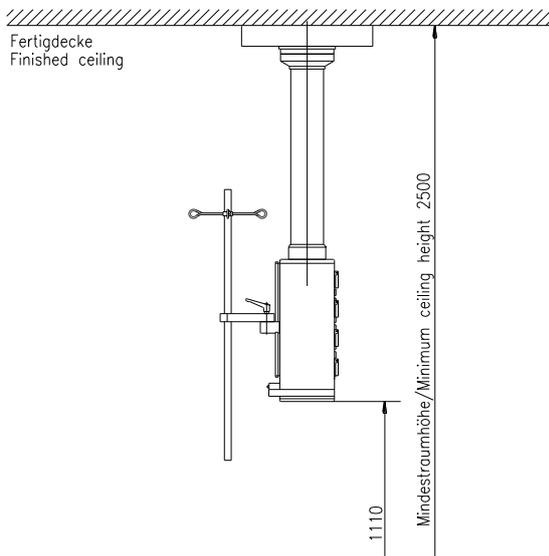
### Type 270-01

#### Technical Specifications

- Rotation Range: Service Column 300° (max. 330°)
- Payload: 100 kg
- Load capacity: 350 kg
- Weight: approx. 41 kg
- Max. torque: 548 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 270-10 is a pivotable single column system with a central service column (500 mm) which can accommodate a maximum of 12 power sockets and data . Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

A 3-sided grip rail allows safe operation of the system and vertical rails provide strong support for two infusion poles with adjustable hooks for infusion bottles as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 8 x Power sockets 230 V  
8 x POAG

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 270-01  
**CE 0123 compliant with MDD 93/42/EEC**

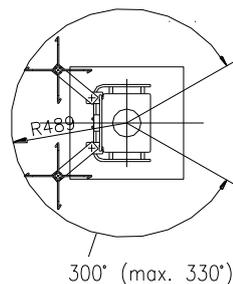
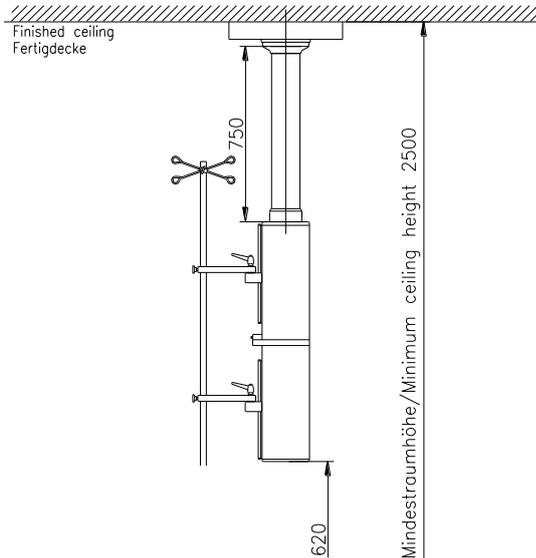
### Type 270-10

#### Technical Specifications

- Rotation Range: Service Column 300° (max. 330°)
- Payload: 100 kg
- Load capacity: 350 kg
- Weight: approx. 48 kg
- Max. torque: 548 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 270-10 is a pivotable single column system with a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

A 3-sided grip rail allows safe operation of the system and vertical rails provide strong support for two infusion poles with adjustable hooks for infusion bottles as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Data / Low Voltage

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
2 x Air 5 bar  
2 x Vacuum

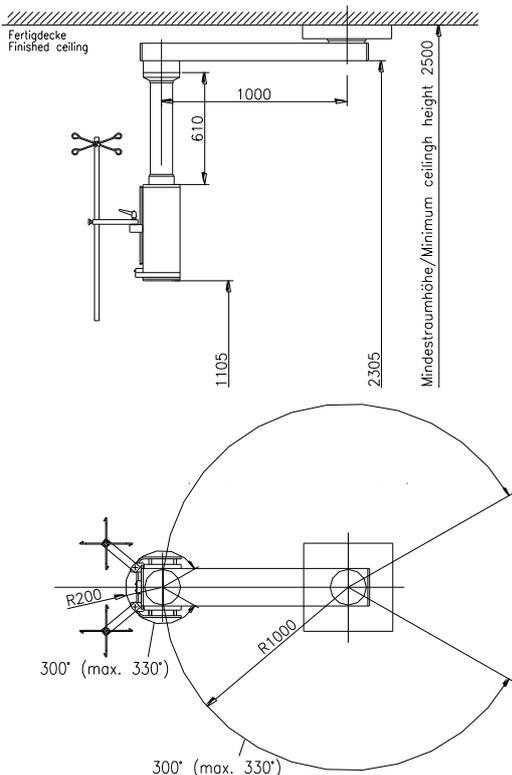
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 270-10  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 271-01

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1000 mm (600-1300)
- Payload: 100 kg
- Load capacity: 280 kg
- Weight: approx. 81 kg
- Max. torque: 1810 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 271-01 consists of a single-arm system with a rotating horizontal swivel arm as well as a central service column (500 mm) which can accommodate a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a 3-sided grip rail. Vertical rails provide strong support for two infusion poles with adjustable hooks for infusion bottles as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 8 x Power sockets 230 V  
8 x POAG

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 271-01  
**CE 0123 compliant with MDD 93/42/EEC**

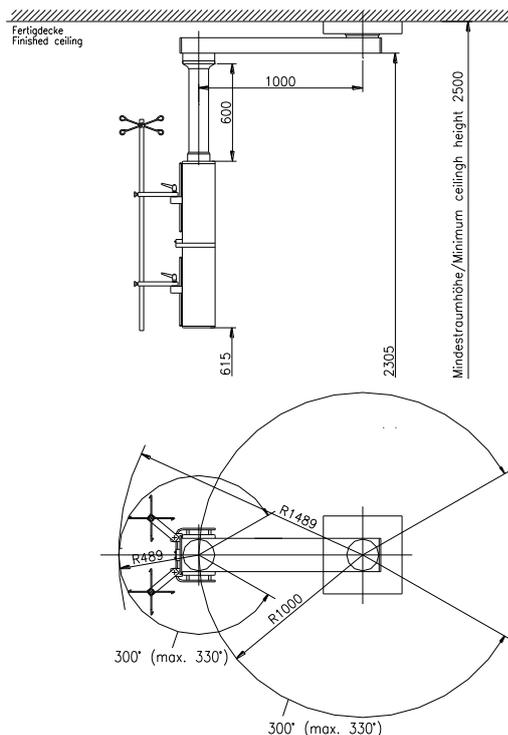
### Type 271-10

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm      300° (max. 330°)  
Service Column              300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm      1000 mm (600-1300)
- Payload:                      100 kg
- Load capacity:            280 kg
- Weight:                        approx. 92 kg
- Max. torque:                1830 Nm
- Ceiling cover:              480 x 480 x 150 mm
- Colour:                        RAL 9016, Traffic white

The ceiling supply unit type 271-10 consists of a single-arm system with a rotating horizontal swivel arm as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a 3-sided grip rail. Vertical rails provide strong support for two infusion poles with adjustable hooks for infusion bottles as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Data / Low Voltage

**Service Column (rear panel):** 2 x Oxygen O2  
2 x Air 5 bar  
2 x Vacuum

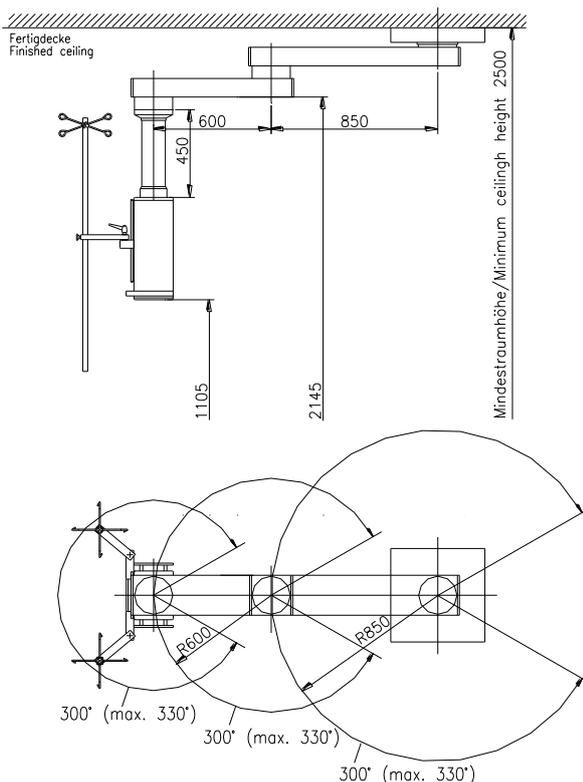
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 271-10  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 272-01

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 1 300° (max. 330°)  
Horizontal swivel arm 2 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1 600 mm (600-1300)  
Horizontal swivel arm 2 850 mm (600-1300)
- Payload: 100 kg
- Load capacity: 180 kg
- Weight: approx. 99 kg
- Max. torque: 2515 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 272-01 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (500 mm) which can accommodate a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a 3-sided grip rail. Vertical rails provide strong support for two infusion poles with adjustable hooks for infusion bottles as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 8 x Power sockets 230 V  
8 x POAG

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 272-01  
**CE 0123 compliant with MDD 93/42/EEC**

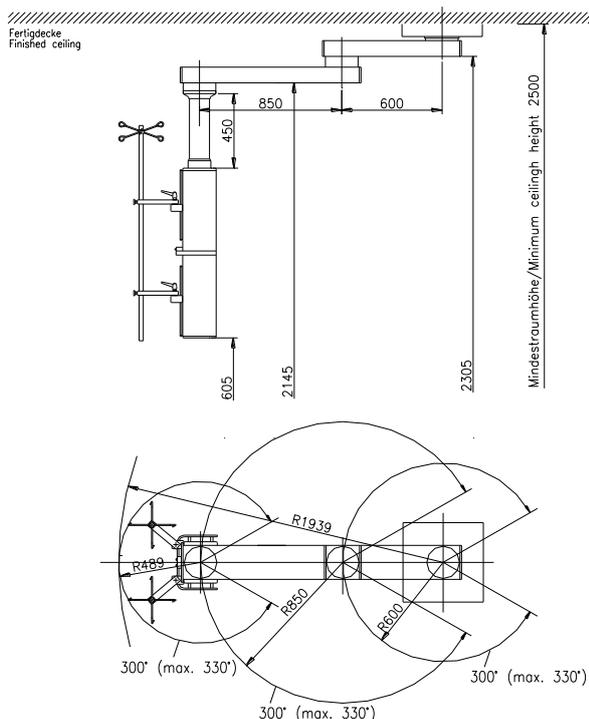
### Type 272-10

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 1 300° (max. 330°)  
Horizontal swivel arm 2 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1 600 mm (600-1300)  
Horizontal swivel arm 2 850 mm (600-1300)
- Payload: 100 kg
- Load capacity: 180 kg
- Weight: approx. 99 kg
- Max. torque: 2515 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 272-10 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a 3-sided grip rail. Vertical rails provide strong support for two infusion poles with adjustable hooks for infusion bottles as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Data / Low Voltage

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
2 x Air 5 bar  
2 x Vacuum

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 272-10  
**CE 0123 compliant with MDD 93/42/EEC**

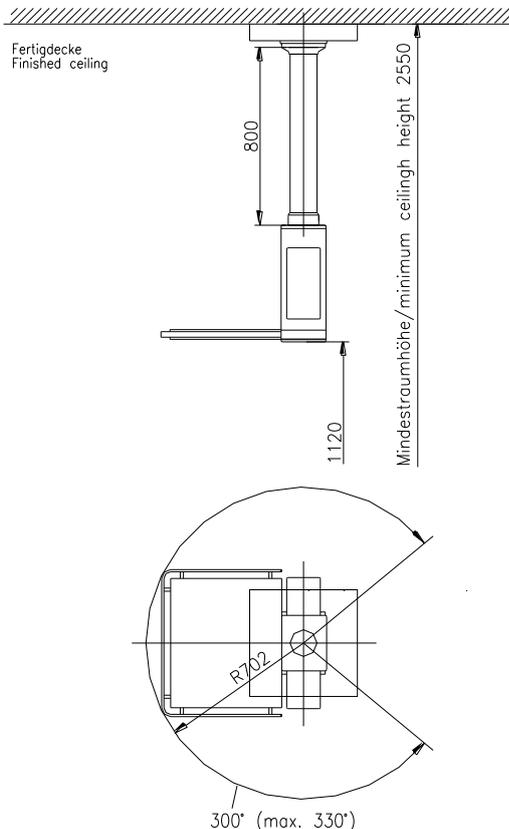
### Type 290-01

#### Technical Specifications

- Rotation Range: Service Column 300° (max. 330°)
- Payload: 75 kg
- Load capacity: 350 kg
- Weight: approx. 63 kg
- Max. torque: 290 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 290-01 is a pivotable single column system with a central service column (500 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor or a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

An instrument platform with circumferential grip rails allows safe operation of the system and provides support for additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

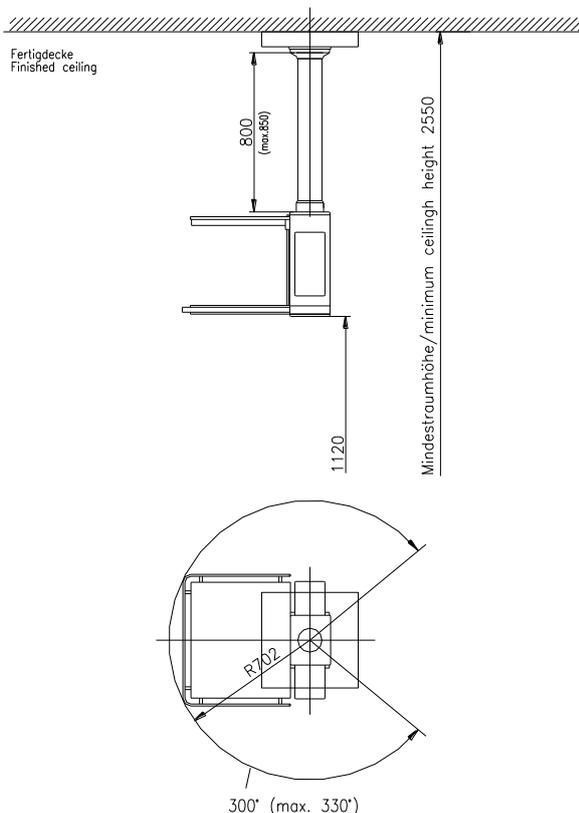
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 290-01  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 290-02

#### Technical Specifications

- Rotation Range: Service Column 300° (max. 330°)
- Payload: 100 kg
- Load capacity: 350 kg
- Weight: approx. 68 kg
- Max. torque: 405 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 290-02 is a pivotable single column system with a central service column (500 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor or a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Vertical rails provide strong support for a freely height adjustable instrument platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

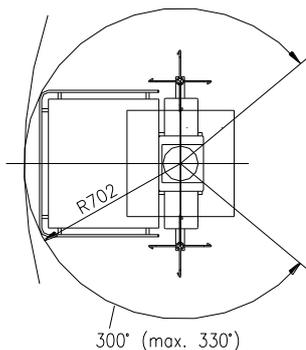
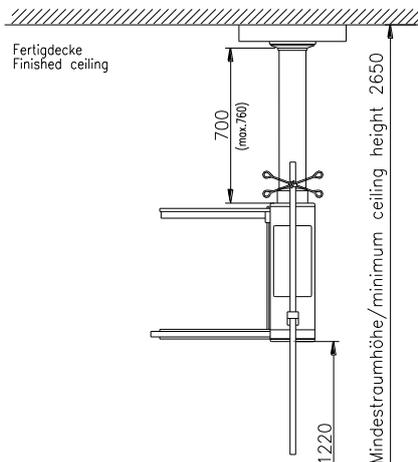
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 290-02  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 290-03

#### Technical Specifications

- Rotation Range:  
Service Column 300° (max. 330°)
- Payload: 105 kg
- Load capacity: 350 kg
- Weight: approx. 75 kg
- Max. torque: 425 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 290-03 is a pivotable single column system with a central service column (600 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor or a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Vertical rails provide strong support for a freely height adjustable instrument platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
 1 x Medical Air 5 bar  
 2 x Vacuum  
 1 x AGSS

**Side Box** 8 x Power sockets 230 V  
**(high voltage):** 8 x POAG

**Side Box** 2 x Data / Low Voltage  
**(low voltage):**

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 290-03  
**CE 0123 compliant with MDD 93/42/EEC**

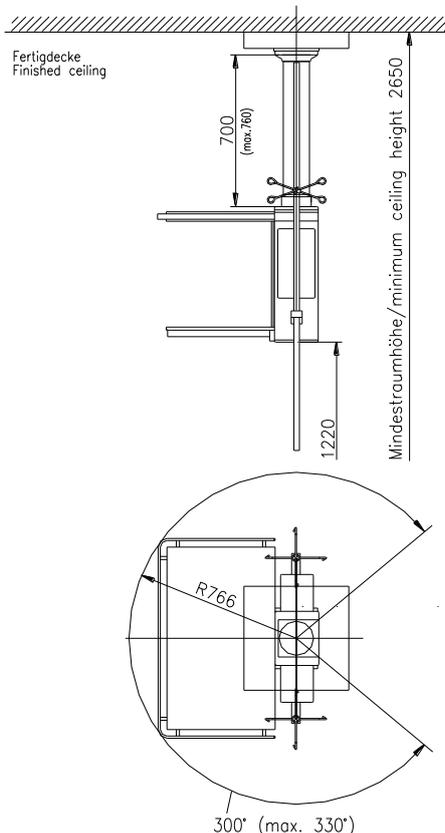
### Type 290-04

#### Technical Specifications

- Rotation Range: Service Column 300° (max. 330°)
- Payload: 110 kg
- Load capacity: 350 kg
- Weight: approx. 78 kg
- Max. torque: 425 Nm
- Instrument platform: 960 x 495 mm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

Ceiling flange and pivot bearing 195 mm diameter carrying a single medium column of 600 mm length.

It is supplied with two vertical equipment rails at the front and can accommodate a maximum of 12 gas outlets including 1 air motor and 1 gas evacuation (depending on make). Separate side-boxes provide space for up to 12 electrical power outlets (left side) and additional low voltage equipment (right side) if necessary. Two instrument carrier platforms are mounted on the front of the medium column. The lower one is fixed, while the other one is height-adjustable. A drawer can be added at the bottom. On each side of the medium column an adjustable clamp with one infusion pole 25 mm diameter x 1000 mm length is mounted. Each infusion pole has the possibility to accommodate four height-adjustable hooks for infusion bottles.



#### Proposal

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
 1 x Medical Air 5 bar  
 2 x Vacuum  
 1 x AGSS

**Side Box** 8 x Power sockets 230 V  
**(high voltage):** 8 x POAG

**Side Box** 2 x Data / Low Voltage  
**(low voltage):**

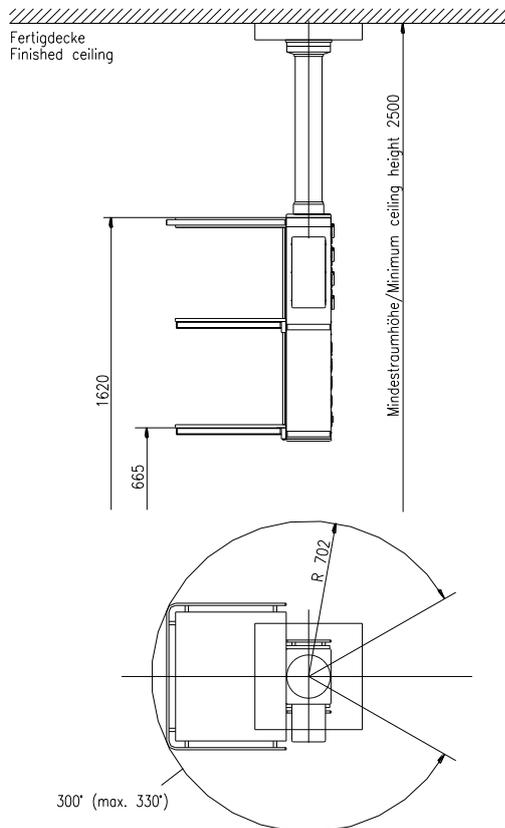
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 290-04  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 290-10

#### Technical Specifications

- Rotation Range:  
Service Column                    300° (max. 330°)
- Payload:                            200 kg
- Load capacity:                   350 kg
- Weight:                             approx. 90 kg
- Max. torque:                      740 Nm
- Instrument platform:            582 x 495 mm
- Ceiling cover:                    480 x 480 x 150 mm
- Colour:                             RAL 9016, Traffic white

The ceiling supply unit type 290-10 is a pivotable single column system with a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column**                    12 x Power sockets 230 V  
**(rear panel):**                        12 x POAG

**Service Column**                    2 x Oxygen O<sub>2</sub>  
**(rear panel):**                        1 x Nitrous Oxygen N<sub>2</sub>O  
    1 x Medical Air 5 bar  
    2 x Vacuum  
    1 x AGSS

**Side Box/Panel:**                    2 x Data / Low Voltage

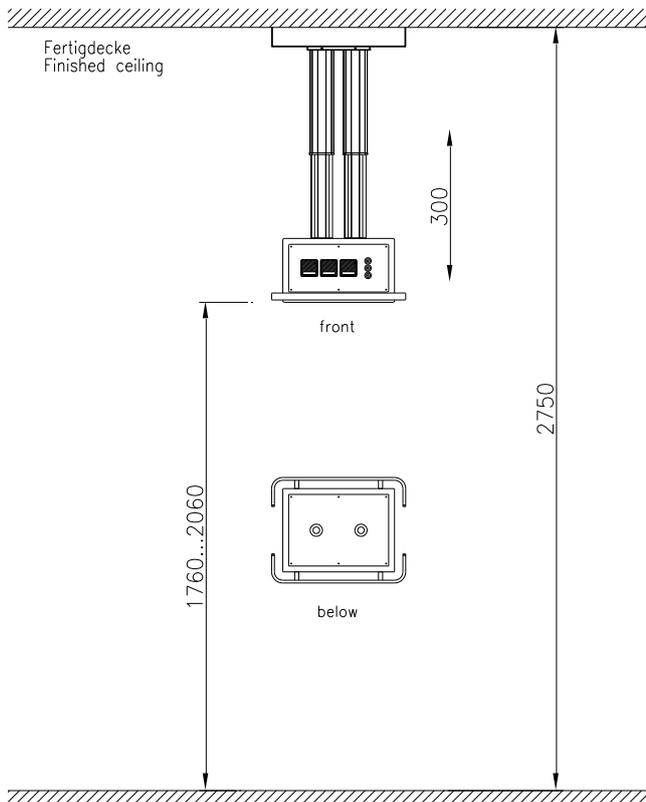
**Make:**                                Pneumatik Berlin GmbH PTM  
**Order-Nr.:**                        TD 290-10  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 290-13H

#### Technical Specifications

- Height Adjustment:  
Lift Column 300 mm
- Payload: 20 kg
- Load capacity: 30 kg
- Weight: approx. 40 kg
- Max. torque: 500 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling pendant type 290-13H is a compact retractable supply system designed for use in operating theatres and anesthetic rooms. It consists of an electrically operated telescopic drive with parallel cable guide and a centrally arranged service head for the distribution of medical gases, electricity and low voltage connections. Positioned above head height the system provides valuable free space for mobile and trolley based equipment.. The lift can be easily operated with an integrated push button. Up to 8 power outlets, low voltage components as well as 4 terminal units for medical gases may be fitted in the service head.



#### Proposal

**Service Box (side panels):** 6 x Power sockets 230 V  
6 x POAG  
4 x Data / Low Voltage

**Service Box (bottom panel):** 1 x Oxygen O<sub>2</sub>  
1 x Medical Air 5 bar

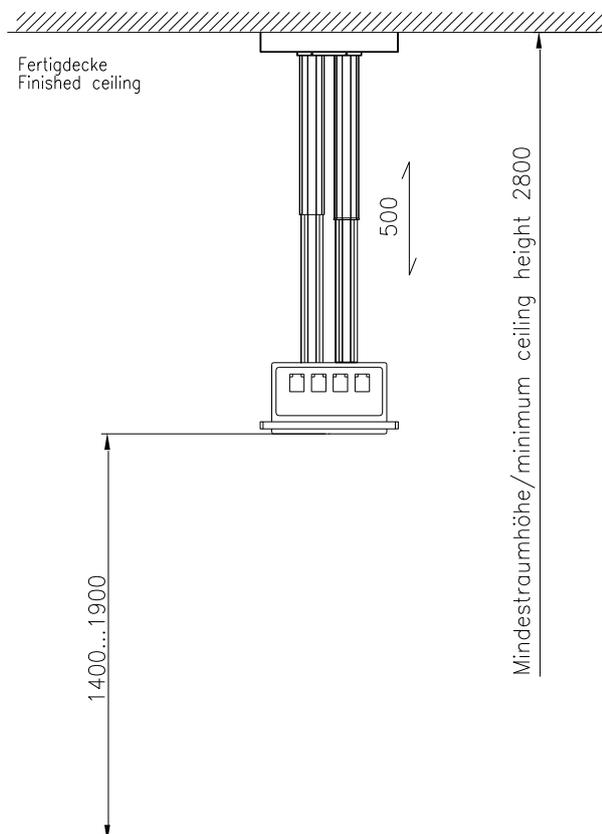
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 290-13H  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 290-15H

#### Technical Specifications

- Height Adjustment:  
Lift Column                      500 mm
- Payload:                              20 kg
- Load capacity:                    30 kg
- Weight:                                approx. 40 kg
- Max. torque:                        500 Nm
- Ceiling cover:                      480 x 480 x 150 mm
- Colour:                                RAL 9016, Traffic white

The ceiling pendant type 290-15H is a compact retractable supply system designed for use in operating theatres and anesthetic rooms. It consists of an electrically operated telescopic drive with parallel cable guide and a centrally arranged service head for the distribution of medical gases, electricity and low voltage connections. Positioned above head height the system provides valuable free space for mobile and trolley based equipment.. The lift can be easily operated with an integrated push button. Up to 8 power outlets, low voltage components as well as 4 terminal units for medical gases may be fitted in the service head.



#### Proposal

**Service Box (side panels):** 8 x Power sockets 230 V  
8 x POAG  
2 x Data / Low Voltage

**Service Box (bottom panel):** 2 x Oxygen O<sub>2</sub>  
2 x Medical Air 5 bar

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 290-15H  
**CE 0123 compliant with MDD 93/42/EEC**

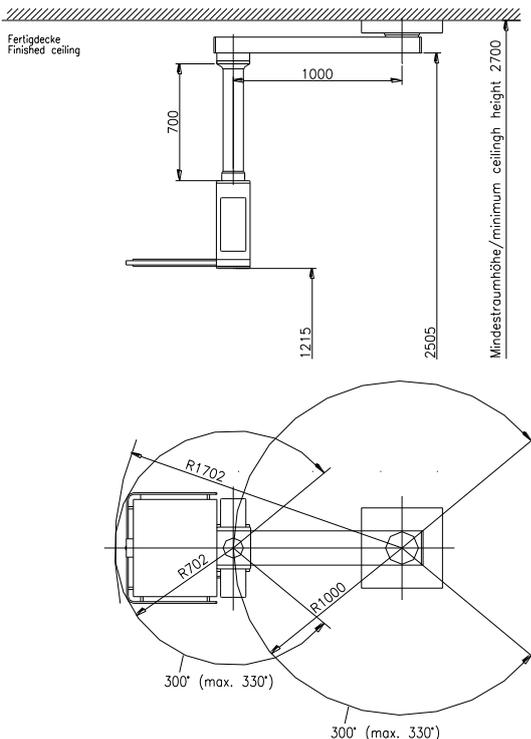
### Type 291-01

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1000 mm (600-1300)
- Payload: 75 kg
- Load capacity: 280 kg
- Instrument platform: 582 x 495 mm
- Weight: approx. 85 kg
- Max. torque: 1600 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 291-01 consists of a single-arm system with a rotating horizontal swivel arm as well as a central service column (500 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor or a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.



#### Proposal

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
 1 x Medical Air 5 bar  
 2 x Vacuum  
 1 x AGSS

**Side Box** 8 x Power sockets 230 V  
**(high voltage):** 8 x POAG

**Side Box** 2 x Data / Low Voltage  
**(low voltage):**

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 291-01  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 291-02

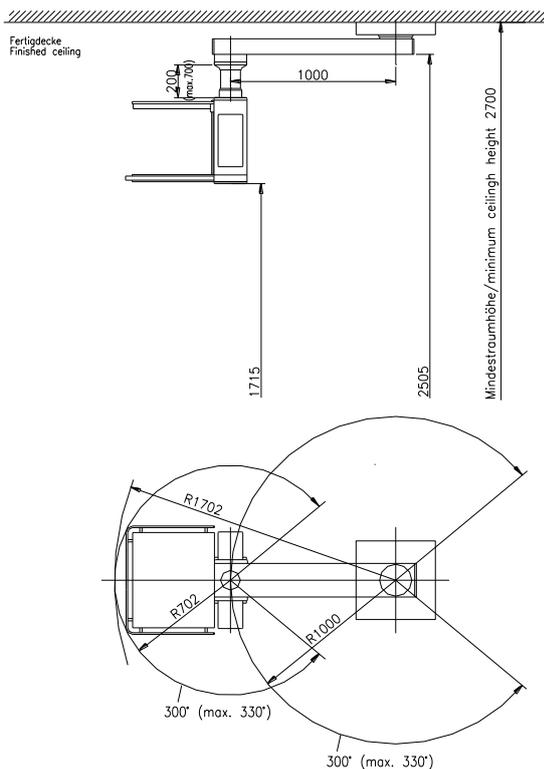
#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1000 mm (600-1300)
- Payload: 105 kg
- Load capacity: 280 kg
- Instrument platform: 582 x 495 mm
- Weight: approx. 91 kg
- Max. torque: 2040 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 291-02 consists of a single-arm system with a rotating horizontal swivel arm as well as a central service column (500 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor or a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for a freely height adjustable instrument platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Side Box** 8 x Power sockets 230 V  
**(high voltage):** 8 x POAG

**Side Box** 2 x Data / Low Voltage  
**(low voltage):**

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 291-02  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 291-03

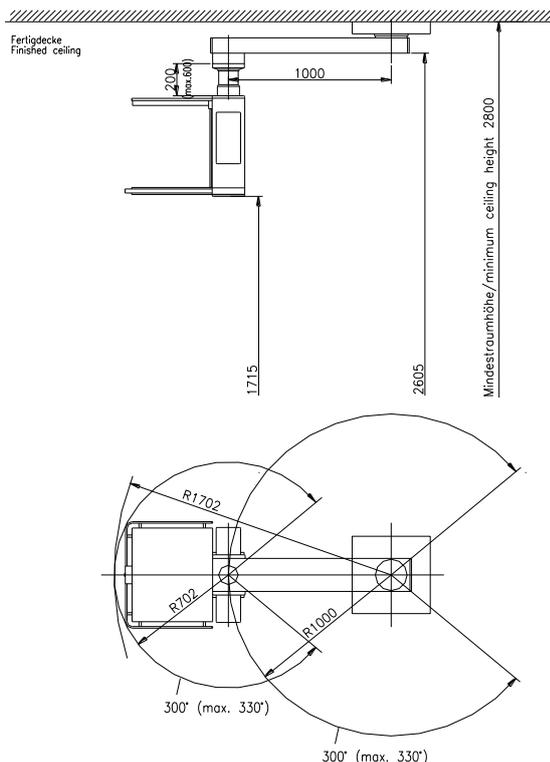
#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm      300° (max. 330°)  
Service Column              300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm      1000 mm (600-1300)
- Payload:                      105 kg
- Load capacity:            280 kg
- Instrument platform:      582 x 495 mm
- Weight:                        approx. 93 kg
- Max. torque:                2060 Nm
- Ceiling cover:              480 x 480 x 150 mm
- Colour:                        RAL 9016, Traffic white

The ceiling supply unit type 291-03 consists of a single-arm system with a rotating horizontal swivel arm as well as a central service column (600 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor or a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for a freely height adjustable instrument platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column**            2 x Oxygen O<sub>2</sub>  
**(rear panel):**                1 x Nitrous Oxygen N<sub>2</sub>O  
                                      1 x Medical Air 5 bar  
                                      2 x Vacuum  
                                      1 x AGSS

**Side Box**                    8 x Power sockets 230 V  
**(high voltage):**            8 x POAG

**Side Box**                    2 x Data / Low Voltage  
**(low voltage):**

**Make:**                      Pneumatik Berlin GmbH PTM  
**Order-Nr.:**                TD 291-03  
**CE 0123 compliant with MDD 93/42/EEC**

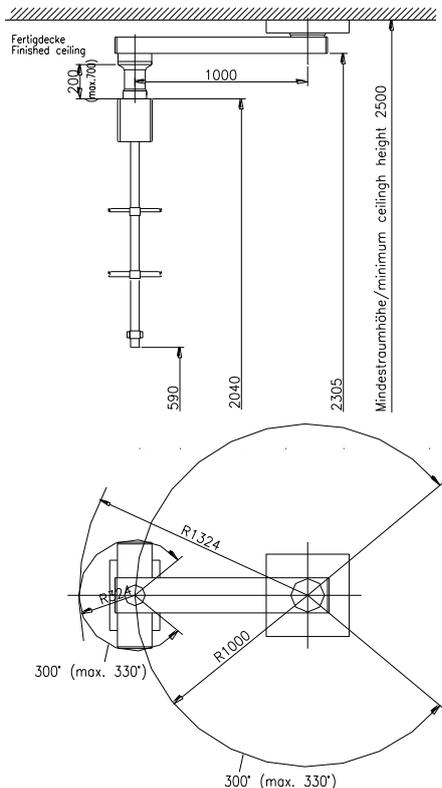
### Type 291-05

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1000 mm (600-1300)
- Payload: 100 kg
- Load capacity: 280 kg
- Instrument platform: 416 x 300 mm
- Weight: approx. 95 kg
- Max. torque: 1800 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 291-05 consists of a single-arm system with a rotating horizontal swivel arm and a horizontal service head (600 or 800 mm wide) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor on its front panel. Up to 12 additional electrical sockets and low voltage connectors can be placed on the back side of the head. Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a grip rail on the side of the unit.

Optionally two vertical stainless steel tubes can be fitted directly underneath the head to accommodate height adjustable platforms and standard 25x10 connection rails.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Service Column (front panel):**

- 6 x Power sockets 230 V
- 6 x POAG
- 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 291-05  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 291-10

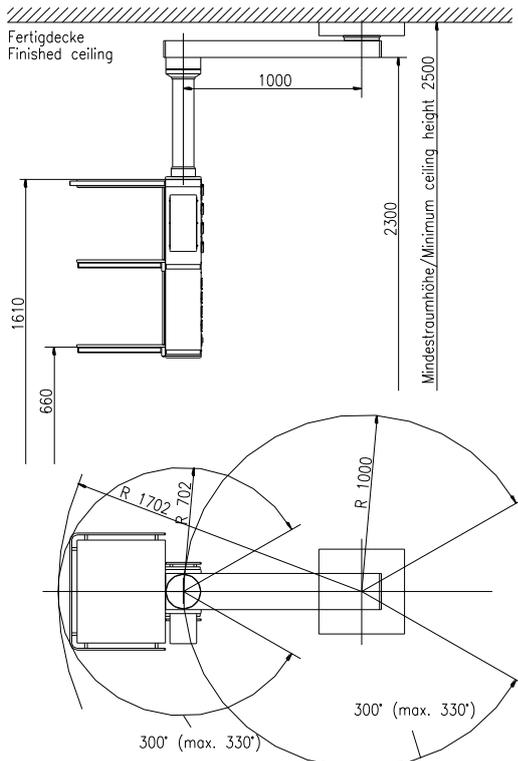
#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1000 mm (600-1300)
- Payload: 150 kg
- Load capacity: 280 kg
- Instrument platform: 582 x 495 mm
- Weight: approx. 110 kg
- Max. torque: 3000 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 291-10 consists of a single-arm system with a rotating horizontal swivel arm as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Side Box/Panel:** 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 291-10  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 291-13

#### Technical Specifications

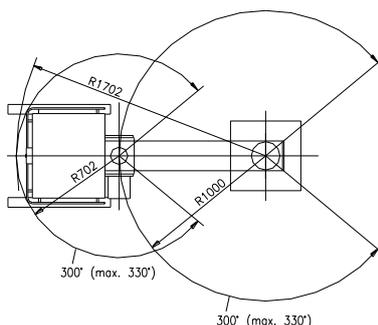
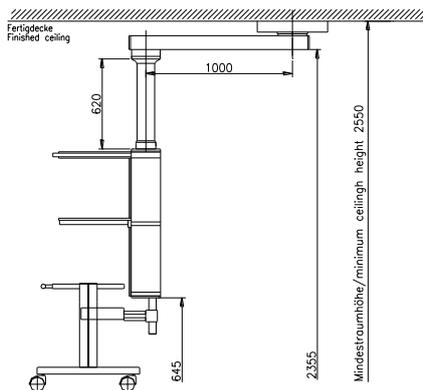
- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1000 mm (600-1300)
- Payload: 150 kg
- Load capacity: 280 kg
- Instrument platform: 582 x 495 mm
- Weight: approx. 110 kg
- Max. torque: 3000 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 291-13 consists of a single-arm system with a rotating horizontal swivel arm as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.

Two stainless steel tubes at the bottom of the column enable easy docking and moving of equipment trolleys.



#### Proposal

**Service Column**  
**(rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (High Voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (Low Voltage):**

- 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 291-13  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 291-15

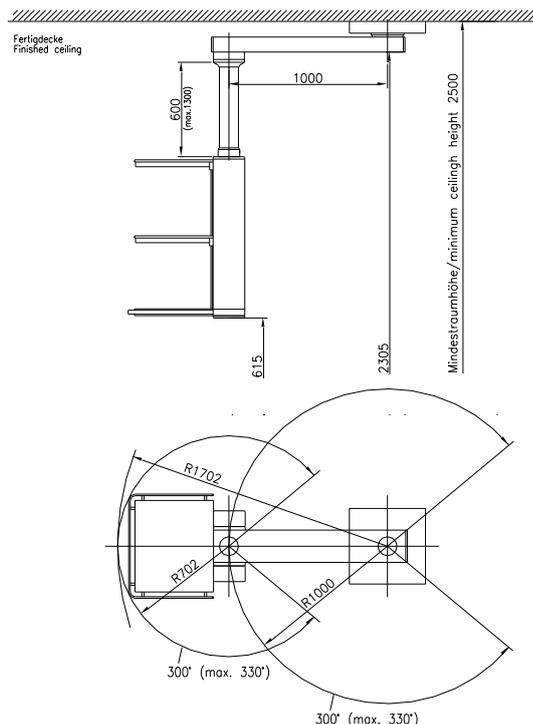
#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1000 mm (600-1300)
- Payload: 130 kg
- Load capacity: 280 kg
- Instrument platform: 582 x 495 mm
- Weight: approx. 130 kg
- Max. torque: 3000 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 291-15 is a system designed to provide solutions for an intelligent and space saving cable management in operating environments that require large numbers of medical electrical devices.

It consists of a single-arm system with one rotating horizontal swivel arm as well as a central service column for the distribution of medical gases, electricity and low voltage connections. Separate compartments on the sides of the system provide an integrated cable management for cables of different shapes and diameters. Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Two vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Data / Low Voltage

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

#### Cable Management

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 291-15  
**CE 0123 compliant with MDD 93/42/EEC**

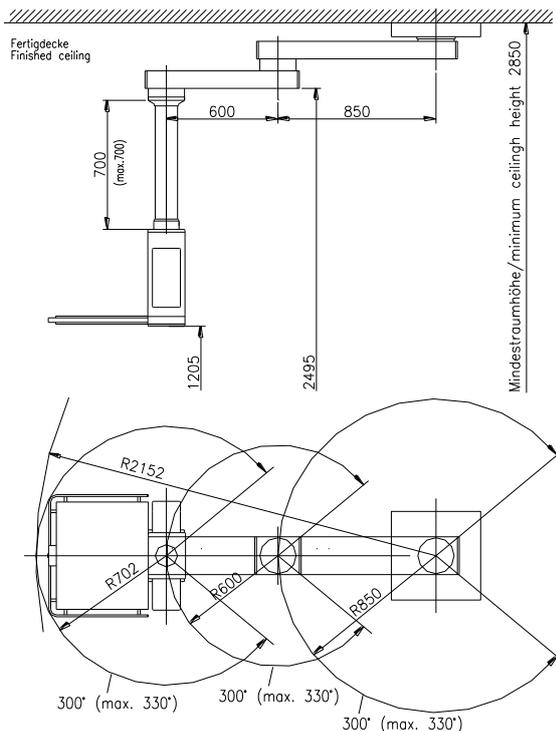
### Type 292-01

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 1     300° (max. 330°)  
Horizontal swivel arm 2     300° (max. 330°)  
Service Column                300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1     850 mm (600-1300)  
Horizontal swivel arm 2     600 mm (600-1300)
- Payload:                        75 kg
- Load capacity:               180 kg
- Weight:                         approx. 100 kg
- Max. torque:                 2520 Nm
- Instrument platform:        582 x 495 mm
- Ceiling cover:                480 x 480 x 150 mm
- Colour:                         RAL 9016, Traffic white

The ceiling supply unit type 292-01 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (500 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor or a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.



#### Proposal

**Service Column**                    2 x Oxygen O<sub>2</sub>  
**(rear panel):**                        1 x Nitrous Oxygen N<sub>2</sub>O  
    1 x Medical Air 5 bar  
    2 x Vacuum  
    1 x AGSS

**Side Box**                             8 x Power sockets 230 V  
**(high voltage):**                    8 x POAG

**Side Box**                             2 x Data / Low Voltage  
**(low voltage):**

**Make:**                                **Pneumatik Berlin GmbH PTM**  
    **Order-Nr.: TD 292-01**  
    **CE 0123 compliant with MDD 93/42/EEC**

### Type 292-02

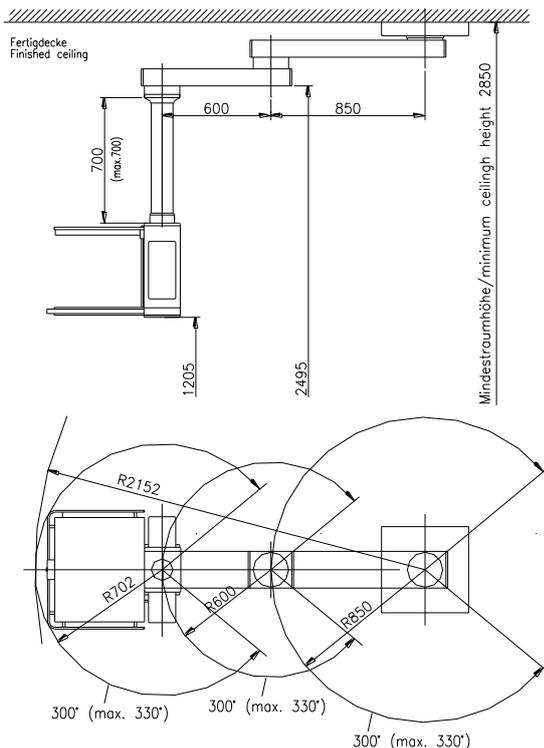
#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 1 300° (max. 330°)
  - Horizontal swivel arm 2 300° (max. 330°)
  - Service Column 300° (max. 330°)
- Swivel radius:
  - Horizontal swivel arm 1 850 mm (600-1300)
  - Horizontal swivel arm 2 600 mm (600-1300)
- Payload: 105 kg
- Load capacity: 180 kg
- Weight: approx. 106 kg
- Max. torque: 2650 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 292-02 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (500 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor or a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for a freely height adjustable instrument platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

<b>Service Column</b>	2 x Oxygen O <sub>2</sub>
<b>(rear panel):</b>	1 x Nitrous Oxygen N <sub>2</sub> O
	1 x Medical Air 5 bar
	2 x Vacuum
	1 x AGSS

<b>Side Box</b>	8 x Power sockets 230 V
<b>(high voltage):</b>	8 x POAG

<b>Side Box</b>	2 x Data / Low Voltage
<b>(low voltage):</b>	

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 292-02  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 292-03

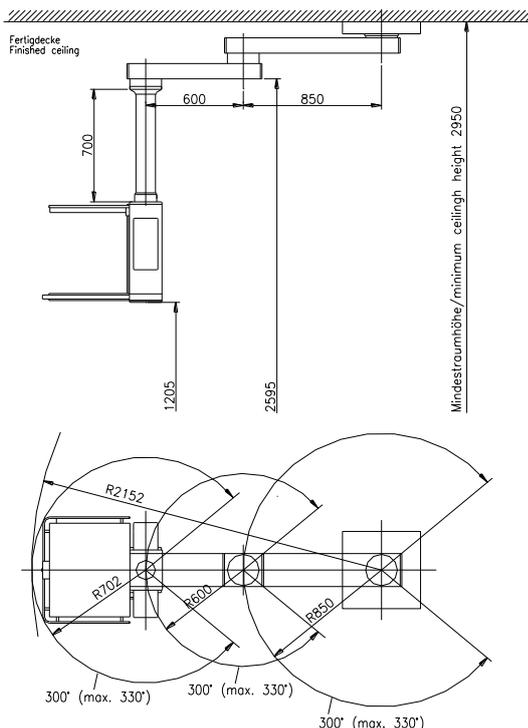
#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 1 300° (max. 330°)
  - Horizontal swivel arm 2 300° (max. 330°)
  - Service Column 300° (max. 330°)
- Swivel radius:
  - Horizontal swivel arm 1 850 mm (600-1300)
  - Horizontal swivel arm 2 600 mm (600-1300)
- Payload: 105 kg
- Load capacity: 180 kg
- Weight: approx. 108 kg
- Max. torque: 2680 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 292-03 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (600 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor or a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for a freely height adjustable instrument platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
 1 x Medical Air 5 bar  
 2 x Vacuum  
 1 x AGSS

**Side Box** 8 x Power sockets 230 V  
**(high voltage):** 8 x POAG

**Side Box** 2 x Data / Low Voltage  
**(low voltage):**

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 292-03  
**CE 0123 compliant with MDD 93/42/EEC**

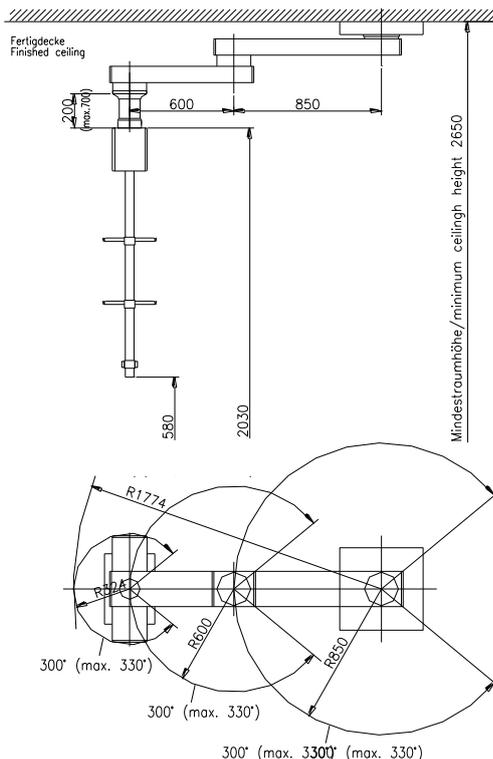
### Type 292-05

#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 1 300° (max. 330°)
  - Horizontal swivel arm 2 300° (max. 330°)
  - Service Column 300° (max. 330°)
- Swivel radius:
  - Horizontal swivel arm 1 850 mm (600-1300)
  - Horizontal swivel arm 2 600 mm (600-1300)
- Payload: 100 kg
- Load capacity: 180 kg
- Weight: approx. 103 kg
- Max. torque: 2600 Nm
- Instrument platform: 416 x 300 mm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 292-05 consists of a dual-arm system with two rotating horizontal swivel arms and a horizontal service head (600 or 800 mm wide) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor on its front panel. Up to 12 additional electrical sockets and low voltage connectors can be placed on the back side of the head.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a grip rail on the side of the unit. This way the system can be locked at any desired height. Optionally two vertical stainless steel tubes can be fitted directly underneath the head to accommodate height adjustable platforms and standard 25x10 connection rails.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Service Column (front panel):**

- 6 x Power sockets 230 V
- 6 x POAG
- 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 292-05  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 292-10

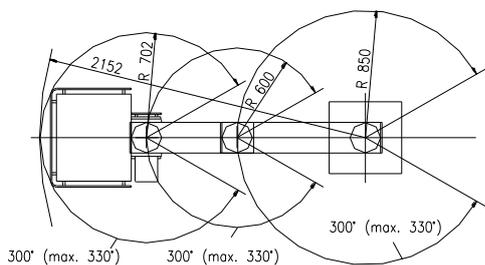
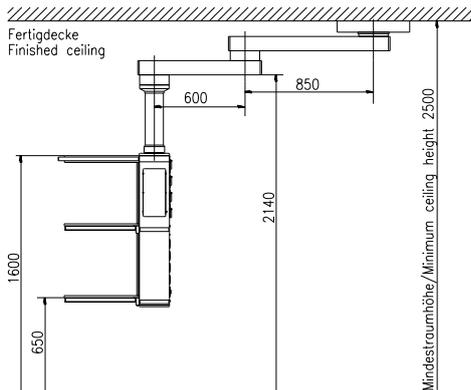
#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 1 300° (max. 330°)  
Horizontal swivel arm 2 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1 850 mm (600-1300)  
Horizontal swivel arm 2 600 mm (600-1300)
- Payload: 105 kg
- Load capacity: 180 kg
- Weight: approx. 108 kg
- Max. torque: 2680 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 292-10 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Side Box/Panel:** 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 292-10  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 292-13

#### Technical Specifications

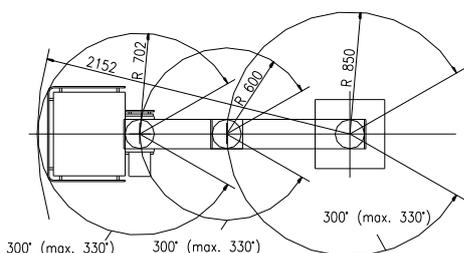
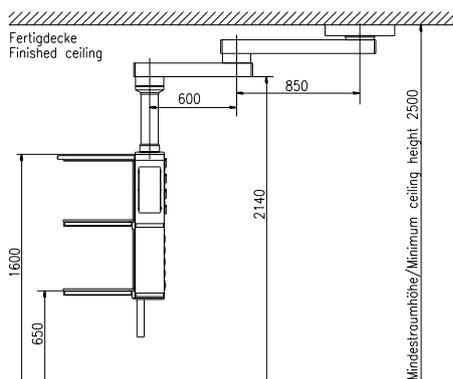
- Rotation Range:  
Horizontal swivel arm 1     300° (max. 330°)  
Horizontal swivel arm 2     300° (max. 330°)  
Service Column                300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1     850 mm (600-1300)  
Horizontal swivel arm 2     600 mm (600-1300)
- Payload:                        150 kg
- Load capacity:                180 kg
- Weight:                         approx. 130 kg
- Max. torque:                  4280 Nm
- Instrument platform:        582 x 495 mm
- Ceiling cover:                 480 x 480 x 150 mm
- Colour:                         RAL 9016, Traffic white

The ceiling supply unit type 292-13 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.

Two stainless steel tubes at the bottom of the column enable easy docking and moving of equipment trolleys.



#### Proposal

<b>Service Column</b>	2 x Oxygen O <sub>2</sub>
<b>(rear panel):</b>	1 x Nitrous Oxygen N <sub>2</sub> O
	1 x Medical Air 5 bar
	2 x Vacuum
	1 x AGSS

<b>Side Box (High Voltage):</b>	8 x Power sockets 230 V
	8 x POAG

<b>Side Box (Low Voltage):</b>	2 x Data / Low Voltage
--------------------------------	------------------------

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 292-13  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 292-15

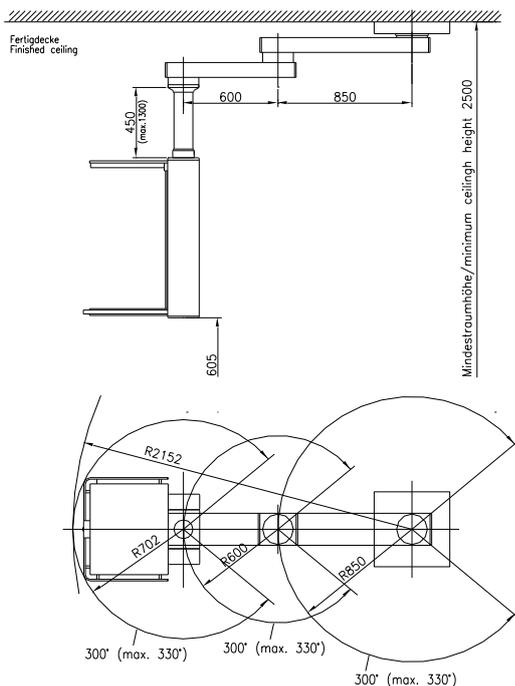
#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 1 300° (max. 330°)
  - Horizontal swivel arm 2 300° (max. 330°)
  - Service Column 300° (max. 330°)
- Swivel radius:
  - Horizontal swivel arm 1 850 mm (600-1300)
  - Horizontal swivel arm 2 600 mm (600-1300)
- Payload: 130 kg
- Load capacity: 180 kg
- Weight: approx. 150 kg
- Max. torque: 4280 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 292-15 is a system designed to provide solutions for an intelligent and space saving cable management in operating environments that require large numbers of medical electrical devices.

It consists of a double-arm system with two rotating horizontal swivel arms as well as a central service column for the distribution of medical gases, electricity and low voltage connections. Separate compartments on the sides of the system provide an integrated cable management for cables of different shapes and diameters. Color-coded brake buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Two vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column** 12 x Power sockets 230 V  
**(rear panel):** 12 x POAG

**Service Column** 2 x Data / Low Voltage  
**(rear panel):**

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

#### Cable Management

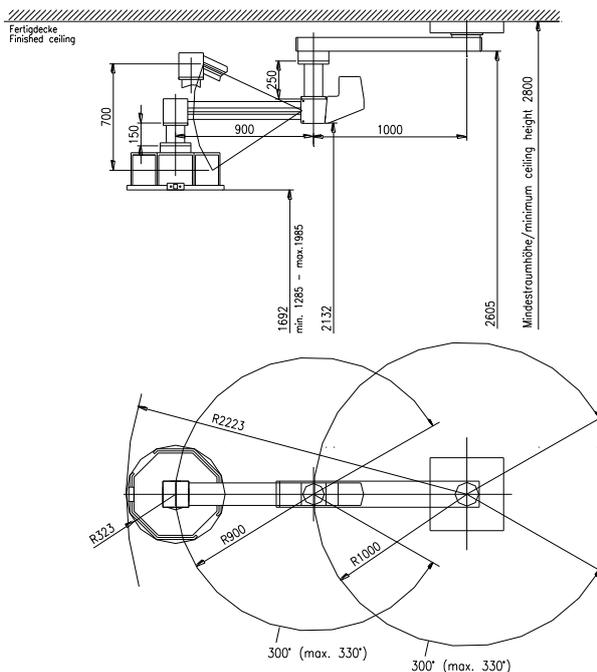
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 292-15  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 203 Octagon

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service head: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 850 mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 30 kg
- Load capacity (Arm): 100 kg
- Weight: approx. 125 kg
- Max. torque: 2250 Nm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V

The ceiling supply unit type 203 Octagon consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central octagonal-shaped service head which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor. Electrical sockets and low voltage connectors can be arranged on the side panels of the service head. Color-coded buttons for safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a circumferential grip rail which is also to attach accessories with standard connectors. This way the system can be locked at any desired height.



#### Proposal

**Service Head (bottom panel):**  
 2 x Oxygen O<sub>2</sub>  
 2 x Nitrous Oxygen N<sub>2</sub>O  
 2 x Medical Air 5 bar  
 2 x Vacuum  
 1 x Instrument Air 8 bar  
 1 x AGSS

**Service Head (side panels):**  
 12 x Power sockets 230 V  
 12 x POAG

**Service Head (side panels):**  
 4 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 203 Octagon  
**CE 0123 compliant with MDD 93/42/EEC**

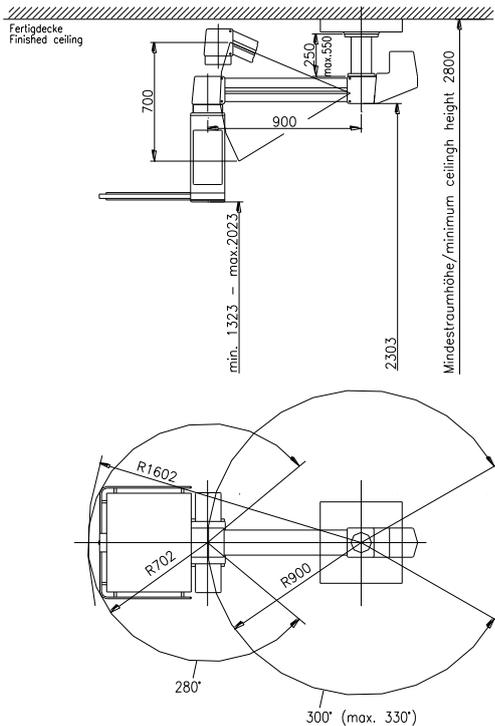
### Type 362-01

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service head: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 75 kg
- Load capacity (Arm): 100 kg
- Weight: approx. 98 kg
- Max. torque: 1420 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 362-01 consists of a single-arm system with rotating vertical swivel arm as well as a central service column (500mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fix instrument platform. This way the system can be locked at any desired height. Additional accessories can be attached on standard rails with 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 362-01  
**CE 0123 compliant with MDD 93/42/EEC**

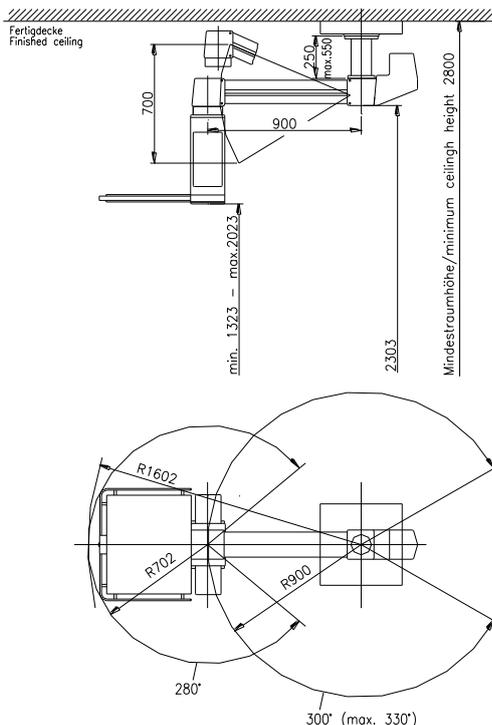
### Type 362-02

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service head: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 70 kg
- Load capacity (Arm): 100 kg
- Weight: approx. 104 kg
- Max. torque: 1425 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 362-02 consists of a single-arm system with rotating vertical swivel arm and a central service column (500 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Two vertical rails provide strong support for a second freely height adjustable platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 362-02  
**CE 0123 compliant with MDD 93/42/EEC**

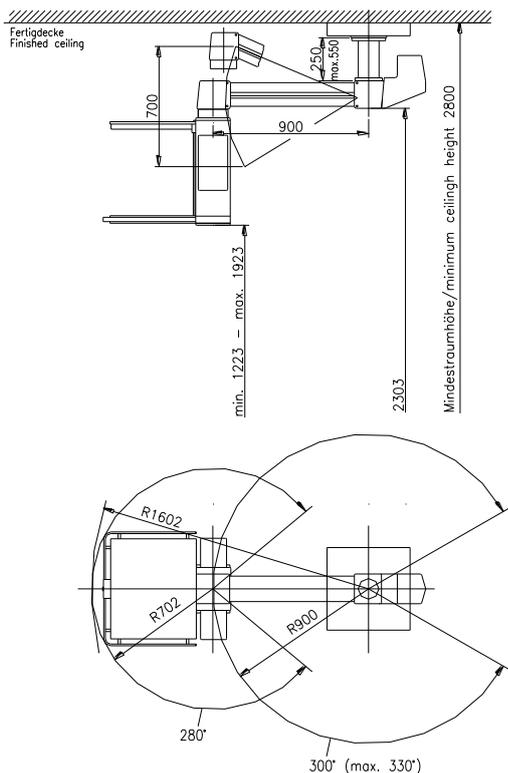
### Type 362-03

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service head: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 65 kg
- Load capacity (Arm): 100 kg
- Weight: approx. 106 kg
- Max. torque: 1400 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 362-03 consists of a single-arm system with rotating vertical swivel arm and a central service column (600 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Two vertical rails provide strong support for a second freely height adjustable platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 362-03  
**CE 0123 compliant with MDD 93/42/EEC**

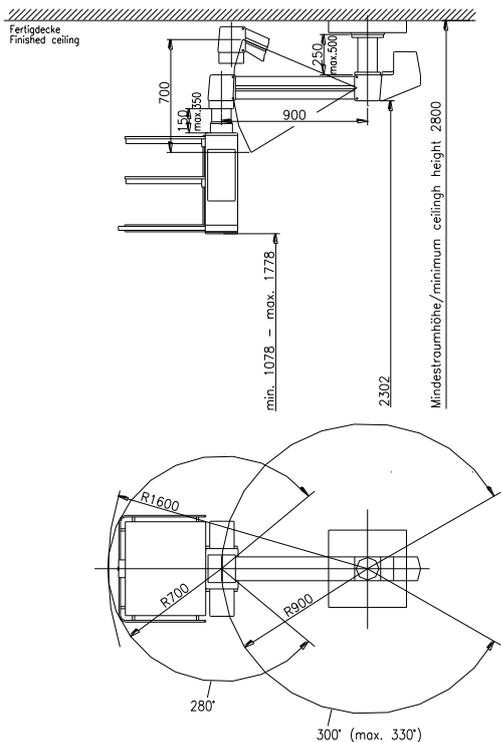
### Type 362-04

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service head: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 55 kg
- Load capacity (Arm): 100 kg
- Weight: approx. 119 kg
- Max. torque: 1400 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 362-04 consists of a single-arm system with rotating vertical swivel arm and a central service column (600 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Two vertical rails provide strong support for a second freely height adjustable platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 362-04  
**CE 0123 compliant with MDD 93/42/EEC**

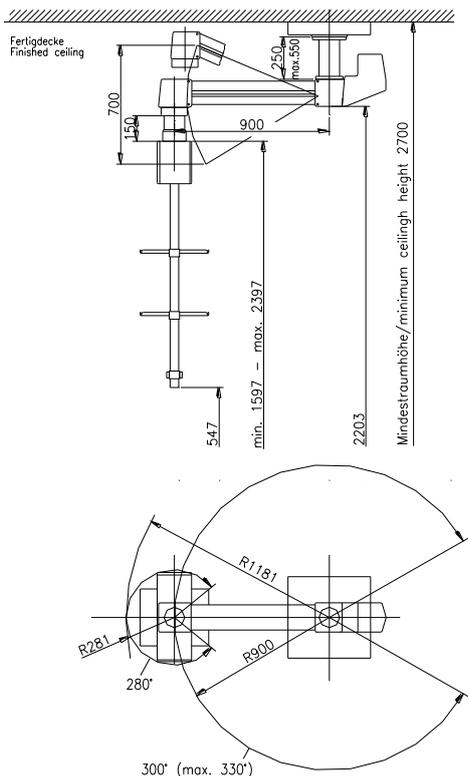
### Type 362-05

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service head: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 60 kg
- Load capacity (Arm): 100 kg
- Weight: approx. 111 kg
- Max. torque: 1300 Nm
- Instrument platform: 400 x 300 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 362-05 consists of a single-arm system with rotating vertical swivel arm and a horizontal service head (600 or 800 mm wide) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor on its front panel. Up to 12 additional electrical sockets and low voltage connectors can be placed on the back side of the head.

Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a grip rail on the side of the unit. This way the system can be locked at any desired height. Optionally two vertical stainless steel tubes can be fitted directly underneath the head to accommodate height adjustable platforms and standard 25x10 connection rails.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 6 x Power sockets 230 V
- 6 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

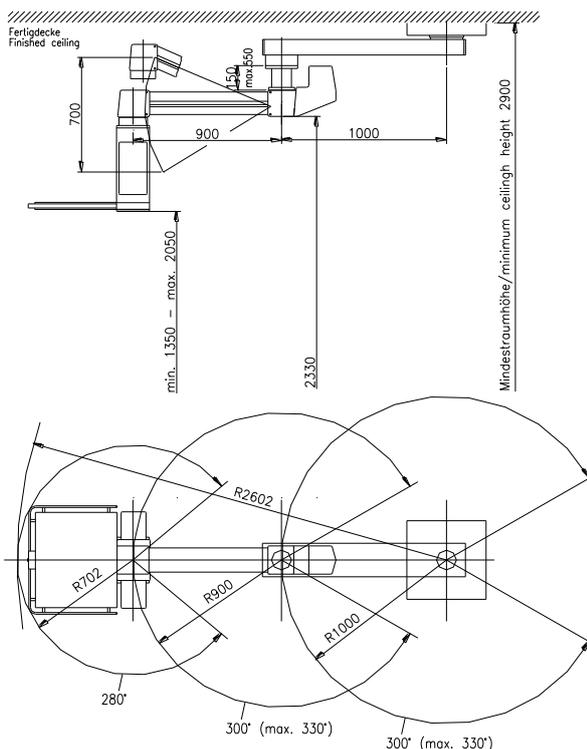
**Make: Pneumatik Berlin GmbH PTM**  
**Order-Nr.: TD 362-05**  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 363-01

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 1000 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 75 kg
- Load capacity (Arm): 100 kg
- Weight: approx. 125 kg
- Max. torque: 3105 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 363-01 consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column (500mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fix instrument platform. This way the system can be locked at any desired height. Additional accessories can be attached on standard rails with 25x10 connector clamps.



#### Proposal

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
 1 x Medical Air 5 bar  
 2 x Vacuum  
 1 x AGSS

**Side Box** 8 x Power sockets 230 V  
**(high voltage):** 8 x POAG

**Side Box** 2 x Data / Low Voltage  
**(low voltage):**

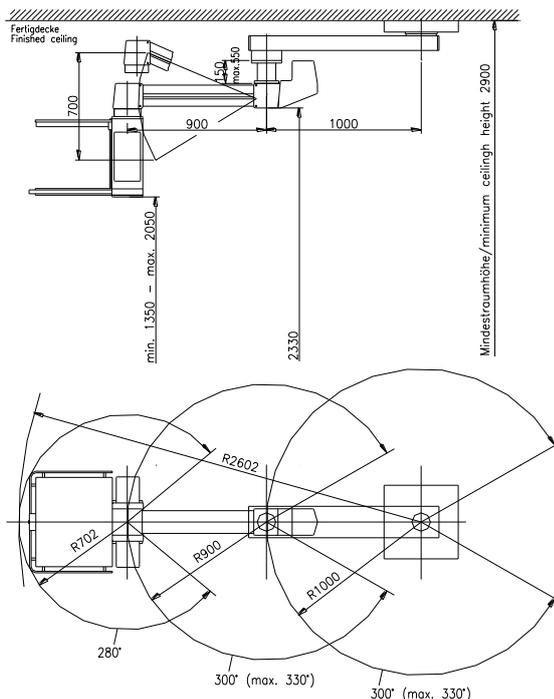
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 363-01  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 363-02

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 1000 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 70 kg
- Load capacity (Arm): 100 kg
- Weight: approx. 132 kg
- Max. torque: 3120 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 363-02 consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column (500mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Two vertical rails provide strong support for a second freely height adjustable platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
 1 x Medical Air 5 bar  
 2 x Vacuum  
 1 x AGSS

**Side Box** 8 x Power sockets 230 V  
**(high voltage):** 8 x POAG

**Side Box** 2 x Data / Low Voltage  
**(low voltage):**

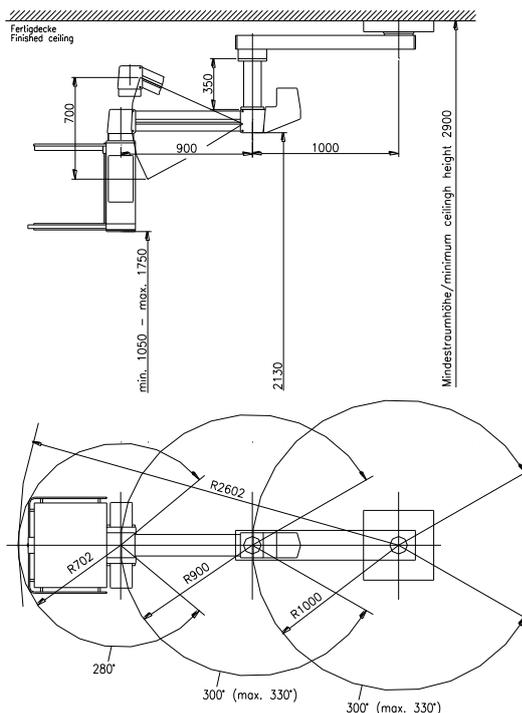
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 363-02  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 363-03

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 1000 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 65 kg
- Load capacity (Arm): 100 kg
- Weight: approx. 134 kg
- Max. torque: 3050 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 363-03 consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column (600 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Two vertical rails provide strong support for a second freely height adjustable platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
 1 x Medical Air 5 bar  
 2 x Vacuum  
 1 x AGSS

**Side Box** 8 x Power sockets 230 V  
**(high voltage):** 8 x POAG

**Side Box** 2 x Data / Low Voltage  
**(low voltage):**

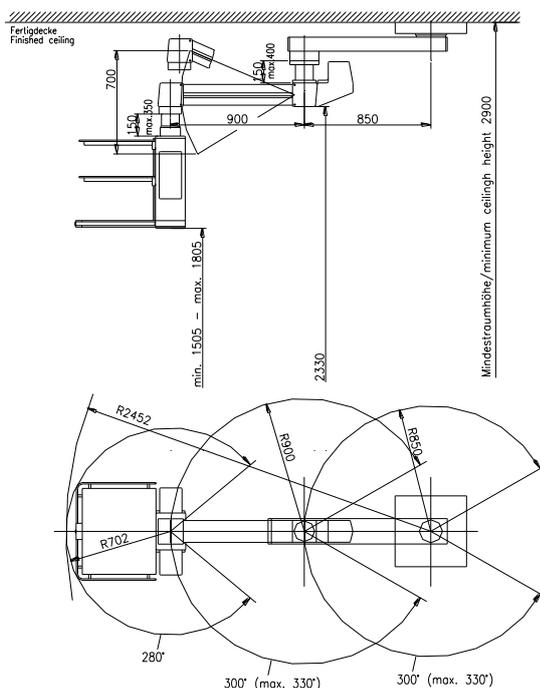
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 363-03  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 363-04

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 1000 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 55 kg
- Load capacity (Arm): 100 kg
- Weight: approx. 141 kg
- Max. torque: 3085 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 363-03 consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column (600 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Two vertical rails provide strong support for a second freely height adjustable platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 363-04  
**CE 0123 compliant with MDD 93/42/EEC**

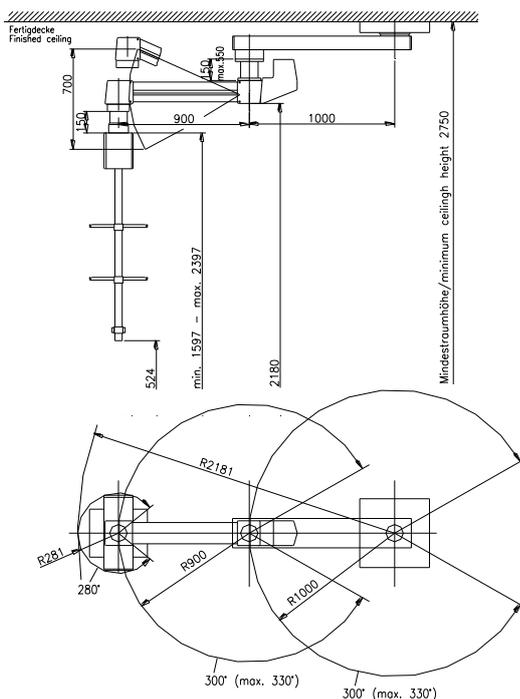
### Type 363-05

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 1000 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 60 kg
- Load capacity (Arm): 100 kg
- Weight: approx. 135 kg
- Max. torque: 2850 Nm
- Instrument platform: 400 x 300 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 363-05 consists of a dual-arm system with rotating horizontal and vertical swivel arm and a horizontal service head (600 or 800 mm wide) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor on its front panel. Up to 12 additional electrical sockets and low voltage connectors can be placed on the back side of the head.

Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a grip rail on the side of the unit. This way the system can be locked at any desired height. Optionally two vertical stainless steel tubes can be fitted directly underneath the head to accommodate height adjustable platforms and standard 25x10 connection rails.



#### Proposal

<b>Service Column</b>	2 x Oxygen O <sub>2</sub>
<b>(rear panel):</b>	1 x Nitrous Oxygen N <sub>2</sub> O
	1 x Medical Air 5 bar
	2 x Vacuum
	1 x AGSS

<b>Side Box</b>	6 x Power sockets 230 V
<b>(high voltage):</b>	6 x POAG

<b>Side Box</b>	2 x Data / Low Voltage
<b>(low voltage):</b>	

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 363-05  
**CE 0123 compliant with MDD 93/42/EEC**

## Heavy Load Systems

Technical Descriptions  
and Proposals



**Pneumatik Berlin GmbH PTM**  
Falkenberger Straße 40  
D-13088 Berlin  
Germany

Tel: +49 / 30 / 92 70 10 -0  
Fax: +49 / 30 / 926 81 32  
info@pneumatik-berlin.de  
www.pneumatik-berlin.de



### Type 491-11

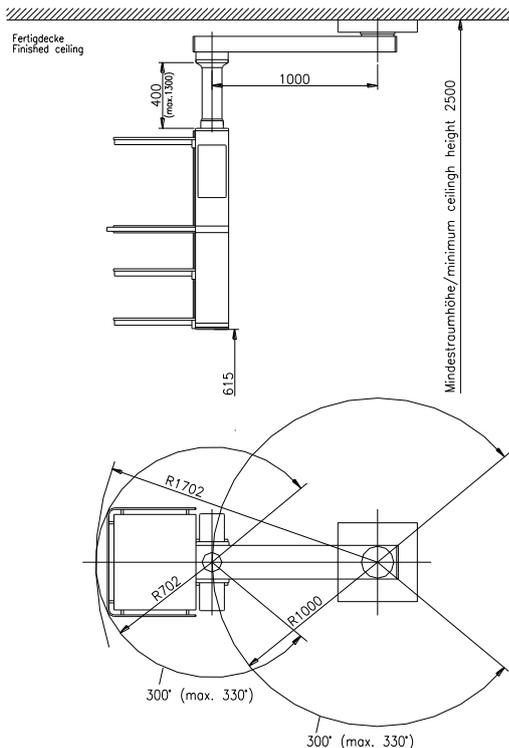
#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1000 mm (600-1300)
- Payload: 180 kg
- Load capacity: 495 kg
- Instrument platform: 582 x 495 mm
- Weight: approx. 118 kg
- Max. torque: 3400 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 491-11 consists of a single-arm system with a rotating horizontal swivel arm as well as a central service column (1200 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for up to three freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Side Box/Panel:** 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 491-11  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 491-12

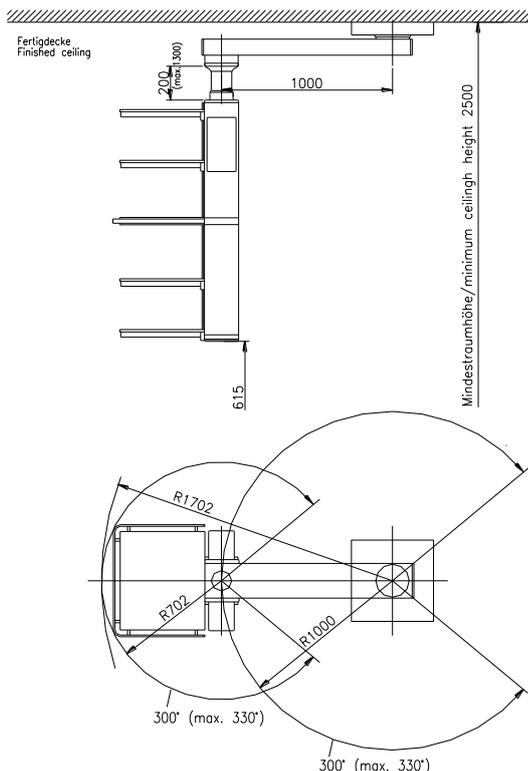
#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1000 mm (600-1300)
- Payload: 180 kg
- Load capacity: 495 kg
- Instrument platform: 582 x 495 mm
- Weight: approx. 124 kg
- Max. torque: 3500 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 491-12 consists of a single-arm system with a rotating horizontal swivel arm as well as a central service column (1400 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 15 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for up to four freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Side Box/Panel:** 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 491-12  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 491-15

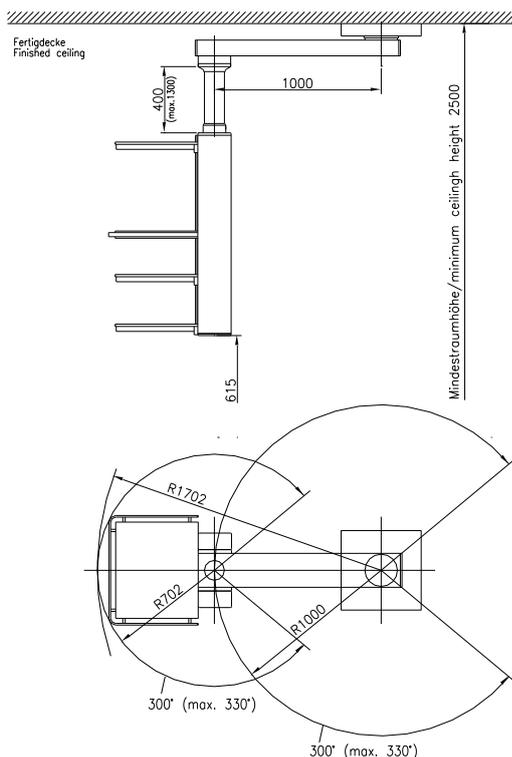
#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1000 mm (600-1300)
- Payload: 150 kg
- Load capacity: 495 kg
- Instrument platform: 582 x 495 mm
- Weight: approx. 130 kg
- Max. torque: 3500 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 491-15 is a system designed to provide solutions for an intelligent and space saving cable management in operating environments that require large numbers of medical electrical devices.

It consists of a single-arm system with one rotating horizontal swivel arm and a central service column for the distribution of medical gases, electricity and low voltage connections. Separate compartments on the sides of the system provide an integrated cable management for cables of different shapes and diameters. Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for up to three freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column** 15 x Power sockets 230 V  
**(rear panel):** 15 x POAG

**Service Column** 2 x Data / Low Voltage  
**(rear panel):**

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

#### Cable Management

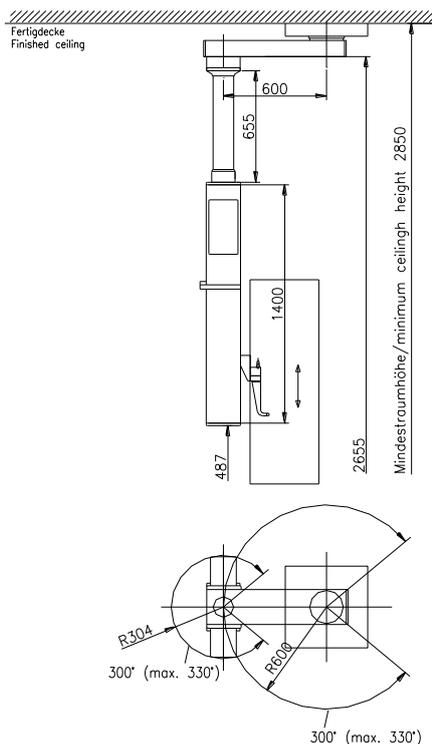
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 491-15  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 491-13H

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1000 mm (600-1300)
- Payload: 180 (150+30) kg
- Load capacity: 495 kg
- Weight: approx. 118 kg
- Max. torque: 3300 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white
- Power Consumption: 890 W
- Lift (Speed): 300mm (11 mm/s)
- Supply Voltage: 230 V

The ceiling supply unit type 491-13H is a system designed to safely position and operate anesthesia workstations at different working heights. It consists of a single-arm system with a rotating horizontal swivel arm and a central service column (1400mm) for the distribution of medical gases, electricity and low voltage connections. A maximum of 10 outlets for medical gases including Airmotor and AGSS can be installed in the upper part of the column. Separate side-boxes provide space for up to 12 electrical power outlets and additional low voltage equipment if necessary. The lower part of the service column contains a telescopic drive to hook up and lift anaesthesia machines with a standardized double pin docking interface.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (High Voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (Low Voltage):**

- 2 x Data / Low Voltage

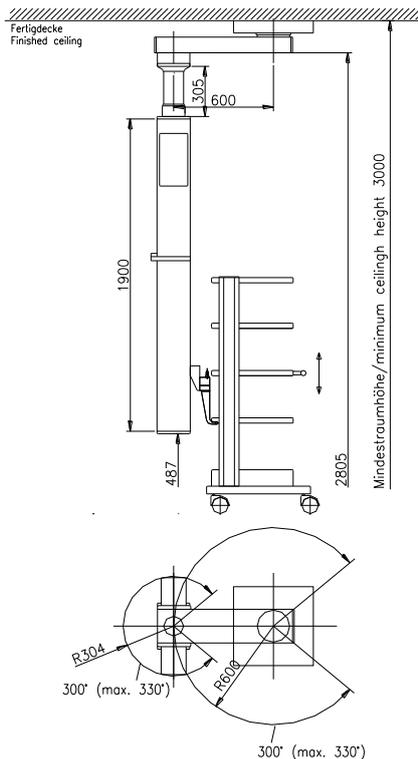
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 491-13H  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 491-16H

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm      300° (max. 330°)  
Service Column              300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm      1000 mm (600-1300)
- Payload:                      180 (150+30) kg
- Load capacity:            495 kg
- Weight:                        approx. 140 kg
- Max. torque:                3500 Nm
- Ceiling cover:              480 x 480 x 150 mm
- Colour:                        RAL 9016, Traffic white
- Power Consumption:      890 W
- Lift (Speed):                600mm (11 mm/s)
- Supply Voltage:            230 V

The ceiling supply unit type 491-13H is a system designed to safely position and operate anesthesia workstations at different working heights. It consists of a single-arm system with a rotating horizontal swivel arm and a central service column (1900 mm) for the distribution of medical gases, electricity and low voltage connections. A maximum of 10 outlets for medical gases including Airmotor and AGSS can be installed in the upper part of the column. Separate side-boxes provide space for up to 12 electrical power outlets and additional low voltage equipment if necessary. The lower part of the service column contains a telescopic drive to hook up and lift anaesthesia machines with a standardized double pin docking interface.



#### Proposal

**Service Column**      2 x Oxygen O<sub>2</sub>  
**(rear panel):**        1 x Nitrous Oxygen N<sub>2</sub>O  
                                 1 x Medical Air 5 bar  
                                 2 x Vacuum  
                                 1 x AGSS

**Side Box (High Voltage):**      8 x Power sockets 230 V  
                                 8 x POAG

**Side Box (Low Voltage):**      2 x Data / Low Voltage

**Make:**                    Pneumatik Berlin GmbH PTM  
**Order-Nr.:**            TD 491-16H  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 492-11

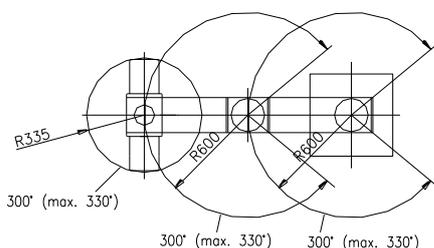
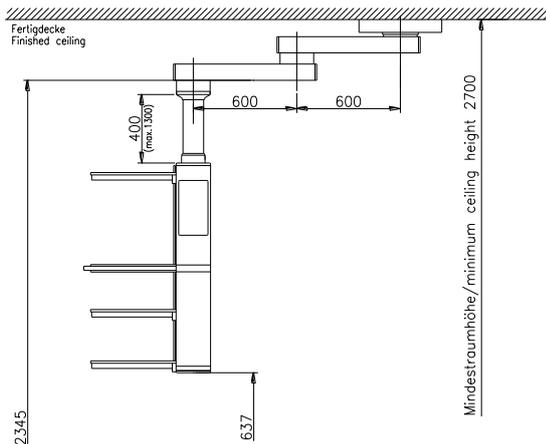
#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 1 300° (max. 330°)  
Horizontal swivel arm 2 300° (max. 330°)  
Service Column 300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1 850 mm (600-1300)  
Horizontal swivel arm 2 600 mm (600-1300)
- Payload: 180 kg
- Load capacity: 340 kg
- Instrument platform: 582 x 495 mm
- Weight: approx. 118 kg
- Max. torque: 3400 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white

The ceiling supply unit type 492-11 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (1200 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for up to three freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Side Box/Panel:** 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 492-11  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 492-12

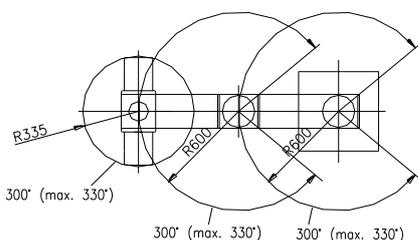
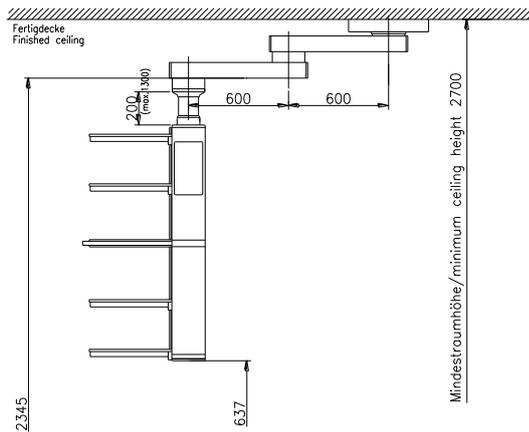
#### Technical Specifications

- Rotation Range:
- Horizontal swivel arm 1      300° (max. 330°)
- Horizontal swivel arm 2      300° (max. 330°)
- Service Column                300° (max. 330°)
- Swivel radius:
- Horizontal swivel arm 1      850 mm (600-1300)
- Horizontal swivel arm 2      600 mm (600-1300)
- Payload:
- Load capacity:                180 kg
- Load capacity:                340 kg
- Instrument platform:        582 x 495 mm
- Weight:
- Max. torque:                    3500 Nm
- Ceiling cover:                 480 x 480 x 150 mm
- Colour:                          RAL 9016, Traffic white

The ceiling supply unit type 492-12 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (1400 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 15 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for up to three freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column**                12 x Power sockets 230 V  
(rear panel):                    12 x POAG

**Service Column**                2 x Oxygen O<sub>2</sub>  
(rear panel):                    1 x Nitrous Oxygen N<sub>2</sub>O  
    1 x Medical Air 5 bar  
    2 x Vacuum  
    1 x AGSS

**Side Box/Panel:**                2 x Data / Low Voltage

**Make:**                            Pneumatik Berlin GmbH PTM  
**Order-Nr.:**                    TD 492-12  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 492-15

#### Technical Specifications

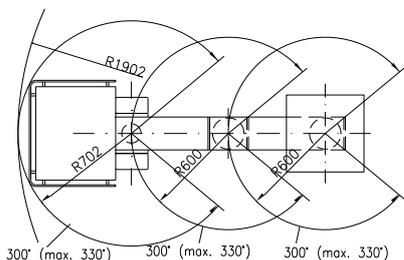
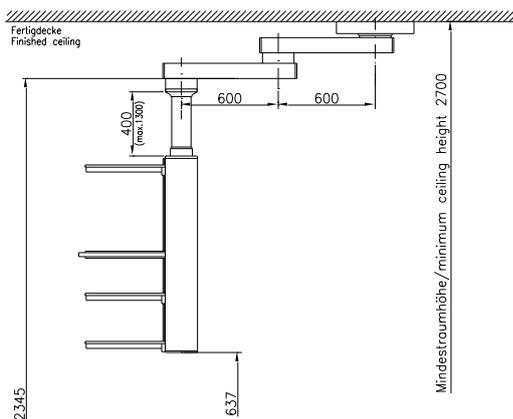
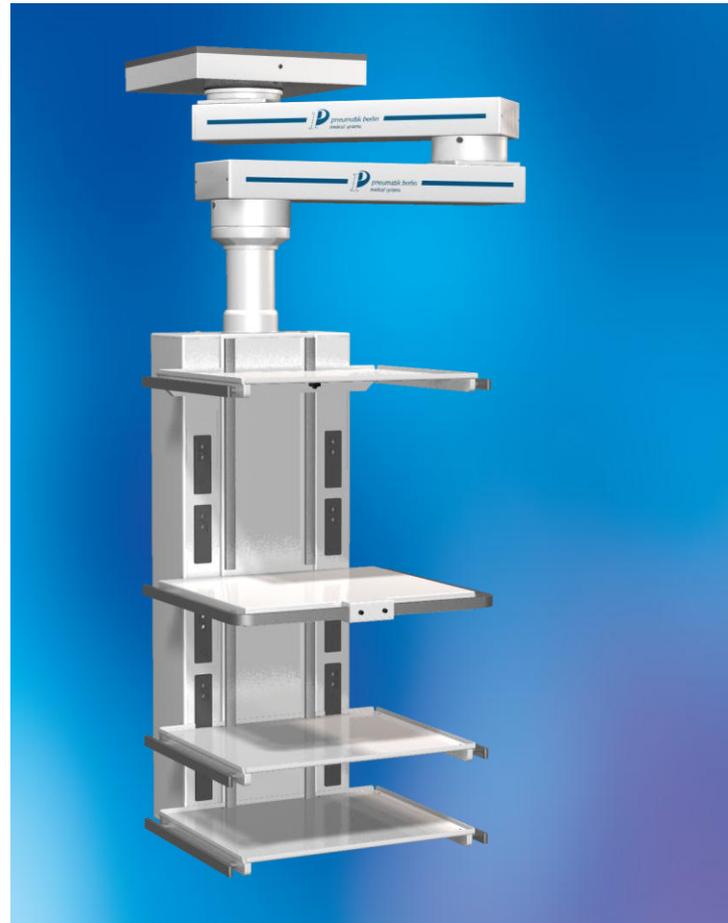
- Rotation Range:
- Horizontal swivel arm 1      300° (max. 330°)
- Horizontal swivel arm 2      300° (max. 330°)
- Service Column                    300° (max. 330°)
- Swivel radius:
- Horizontal swivel arm 1      850 mm (600-1300)
- Horizontal swivel arm 2      600 mm (600-1300)
- Payload:
- Load capacity:                    150 kg
- Instrument platform:            582 x 495 mm
- Weight:                                approx. 130 kg
- Max. torque:                        3500 Nm
- Ceiling cover:                      480 x 480 x 150 mm
- Colour:                                RAL 9016, Traffic white

The ceiling supply unit type 492-15 is a system designed to provide solutions for an intelligent and space saving cable management in operating environments that require large numbers of medical electrical devices.

It consists of a dual-arm system with two rotating horizontal swivel arms and a central service column for the distribution of medical gases, electricity and low voltage connections.

Separate compartments on the sides of the system provide an integrated cable management for cables of different shapes and diameters. Color-coded brake buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for up to three freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column**                    15 x Power sockets 230 V  
**(rear panel):**                        15 x POAG

**Service Column**                    2 x Data / Low Voltage  
**(rear panel):**

**Service Column**                    2 x Oxygen O<sub>2</sub>  
**(rear panel):**                        1 x Nitrous Oxygen N<sub>2</sub>O  
    1 x Medical Air 5 bar  
    2 x Vacuum  
    1 x AGSS

#### Cable Management

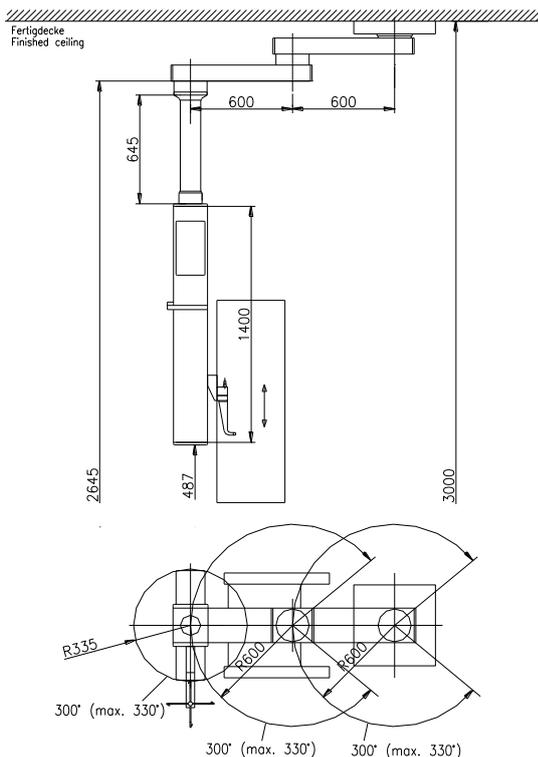
**Make:**                                Pneumatik Berlin GmbH PTM  
**Order-Nr.:**                        TD 492-15  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 492-13H

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm 1      300° (max. 330°)  
Horizontal swivel arm 2      300° (max. 330°)  
Service Column                300° (max. 330°)
- Swivel radius:  
Horizontal swivel arm 1      600 mm  
Horizontal swivel arm 2      600 mm
- Payload:                        150 (120+30) kg
- Load capacity:               410 kg
- Weight:                         approx. 125 kg
- Max. torque:                 3300 Nm
- Ceiling cover:                480 x 480 x 150 mm
- Colour:                        RAL 9016, Traffic white
- Power Consumption:        890 W
- Lift (Speed):                 300mm (11 mm/s)
- Supply Voltage:              230 V

The ceiling supply unit type 492-13H is a system designed to safely position and operate anesthesia workstations at different working heights. It consists of a dual-arm system with two rotating horizontal swivel arms and a central service column (1400mm) for the distribution of medical gases, electricity and low voltage connections. A maximum of 10 outlets for medical gases including Airmotor and AGSS can be installed in the upper part of the column. Separate side-boxes provide space for up to 12 electrical power outlets and additional low voltage equipment if necessary. The lower part of the service column contains a telescopic drive to hook up and lift anaesthesia machines with a standardized double pin docking interface.



#### Proposal

**Service Column**            2 x Oxygen O<sub>2</sub>  
**(rear panel):**                1 x Nitrous Oxygen N<sub>2</sub>O  
                                      1 x Medical Air 5 bar  
                                      2 x Vacuum  
                                      1 x AGSS

**Side Box (High Voltage):**        8 x Power sockets 230 V  
                                      8 x POAG

**Side Box (Low Voltage):**    2 x Data / Low Voltage

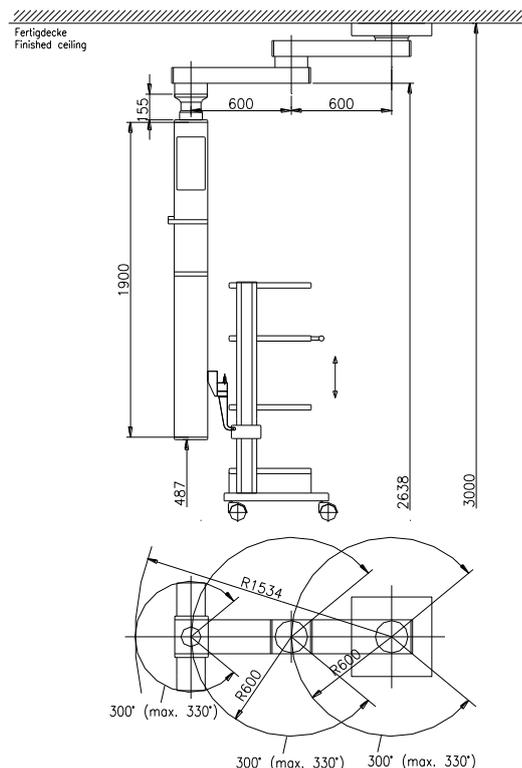
**Make:**                        Pneumatik Berlin GmbH PTM  
**Order-Nr.:**                TD 492-13H  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 492-16H

#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm 1 300° (max. 330°)
  - Horizontal swivel arm 2 300° (max. 330°)
  - Service Column 300° (max. 330°)
- Swivel radius:
  - Horizontal swivel arm 1 600 mm
  - Horizontal swivel arm 2 600 mm
- Payload: 150 (120+30) kg
- Load capacity: 410 kg
- Weight: approx. 125 kg
- Max. torque: 3300 Nm
- Ceiling cover: 480 x 480 x 150 mm
- Colour: RAL 9016, Traffic white
- Power Consumption: 890 W
- Lift (Speed): 600mm (11 mm/s)
- Supply Voltage: 230 V

The ceiling supply unit type 492-16H is a system designed to safely position and operate anesthesia workstations at different working heights. It consists of a dual-arm system with two rotating horizontal swivel arms and a central service column (1900mm) for the distribution of medical gases, electricity and low voltage connections. A maximum of 10 outlets for medical gases including AGSS can be installed in the upper part of the column. Separate side-boxes provide space for up to 12 electrical power outlets and additional low voltage equipment if necessary. The lower part of the service column contains a telescopic drive to hook up and lift anaesthesia machines with a standardized double pin docking interface.



#### Proposal

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
 1 x Medical Air 5 bar  
 2 x Vacuum  
 1 x AGSS

**Side Box (High Voltage):** 8 x Power sockets 230 V  
 8 x POAG

**Side Box (Low Voltage):** 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 492-16H  
 CE 0123 compliant with MDD 93/42/EEC

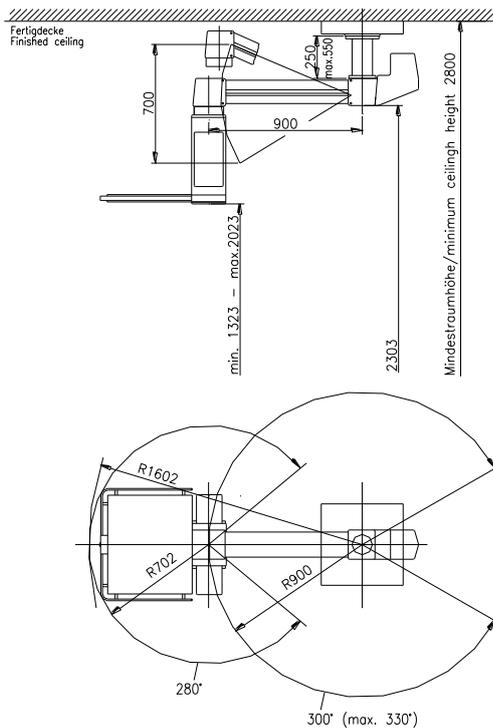
### Type 462-01

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service head: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 100 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 98 kg
- Max. torque: 1720 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 462-01 consists of a single-arm system with rotating vertical swivel arm as well as a central service column (500mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fix instrument platform. This way the system can be locked at any desired height. Additional accessories can be attached on standard rails with 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 462-01  
**CE 0123 compliant with MDD 93/42/EEC**

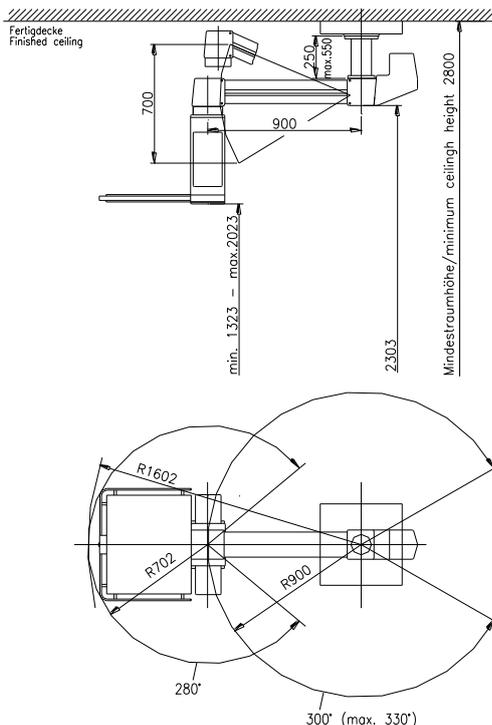
### Type 462-02

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service head: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 95 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 104 kg
- Max. torque: 1730 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 462-02 consists of a single-arm system with rotating vertical swivel arm and a central service column (500 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Two vertical rails provide strong support for a second freely height adjustable platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 462-02  
**CE 0123 compliant with MDD 93/42/EEC**

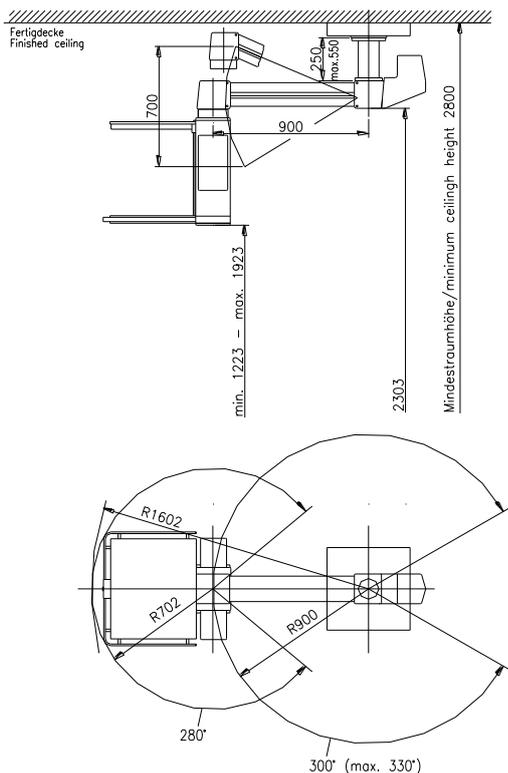
### Type 462-03

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service head: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 90 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 106 kg
- Max. torque: 1685 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 462-03 consists of a single-arm system with rotating vertical swivel arm and a central service column (600 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Two vertical rails provide strong support for a second freely height adjustable platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 462-03  
**CE 0123 compliant with MDD 93/42/EEC**

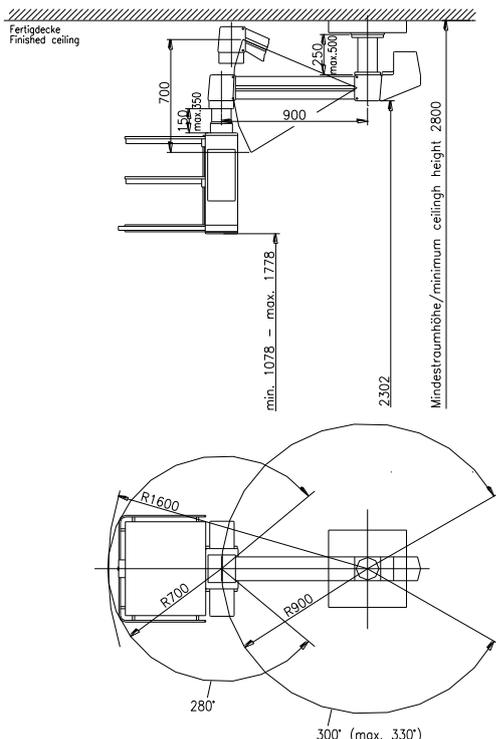
### Type 462-04

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service head: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 80 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 119 kg
- Max. torque: 1700 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 462-04 consists of a single-arm system with rotating vertical swivel arm and a central service column (600 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Two vertical rails provide strong support for a second freely height adjustable platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

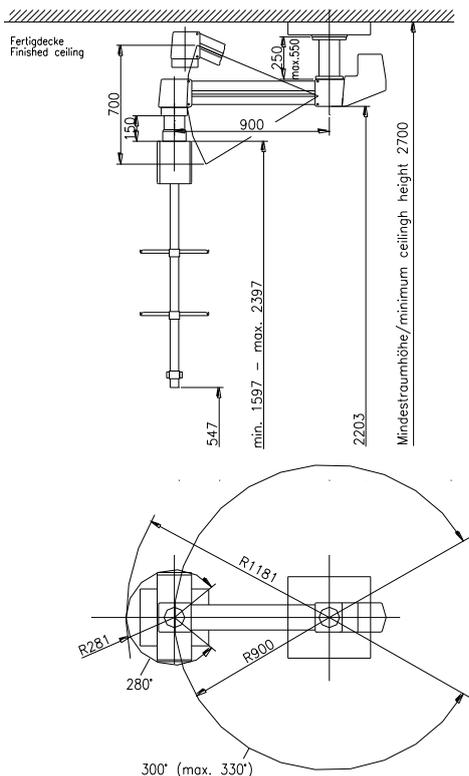
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 462-04  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 462-05

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service head: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 85 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 111 kg
- Max. torque: 1460 Nm
- Instrument platform: 400 x 300 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 462-05 consists of a single-arm system with rotating vertical swivel arm and a horizontal service head (600 or 800 mm wide) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor on its front panel. Up to 12 additional electrical sockets and low voltage connectors can be placed on the back side of the head. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a grip rail on the side of the unit. This way the system can be locked at any desired height. Optionally two vertical stainless steel tubes can be fitted directly underneath the head to accommodate height adjustable platforms and standard 25x10 connection rails.



#### Proposal

**Service Column**  
**(rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box**  
**(high voltage):**

- 6 x Power sockets 230 V
- 6 x POAG

**Side Box**  
**(low voltage):**

- 2 x Data / Low Voltage

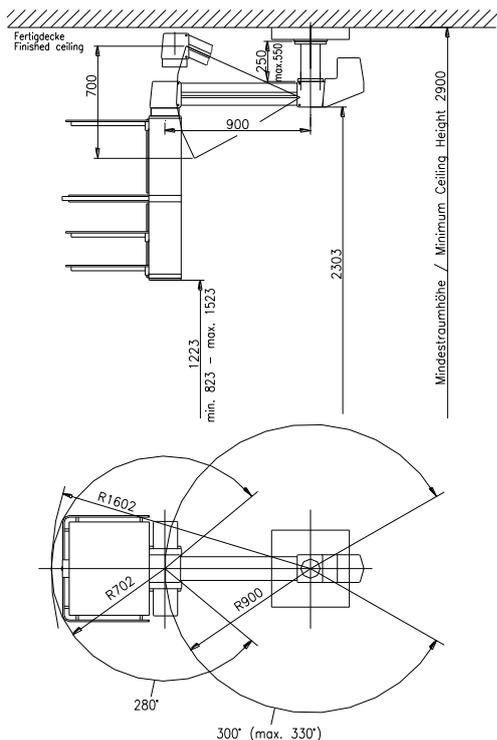
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 462-05  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 462-10

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 80 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 120 kg
- Max. torque: 1730 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 462-10 consists of a single-arm system with rotating vertical swivel arm and a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Side Box/Panel:** 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 462-10  
**CE 0123 compliant with MDD 93/42/EEC**

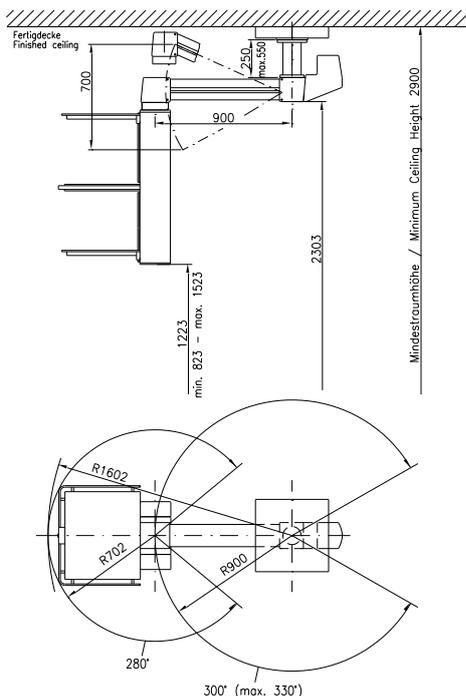
### Type 462-15

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 60 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 140 kg
- Max. torque: 1730 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 462-15 is a system designed to provide solutions for an intelligent and space saving cable management in operating environments that require large numbers of medical electrical devices. It consists of a single-arm system with rotating vertical swivel arm and a central service column for the distribution of medical gases, electricity and low voltage connections. Separate compartments on the sides of the system provide an integrated cable management for cables of different shapes and diameters. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform.

Two vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column** 12 x Power sockets 230 V  
**(rear panel):** 12 x POAG

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Service Column** 2 x Data / Low Voltage  
**(rear panel):**

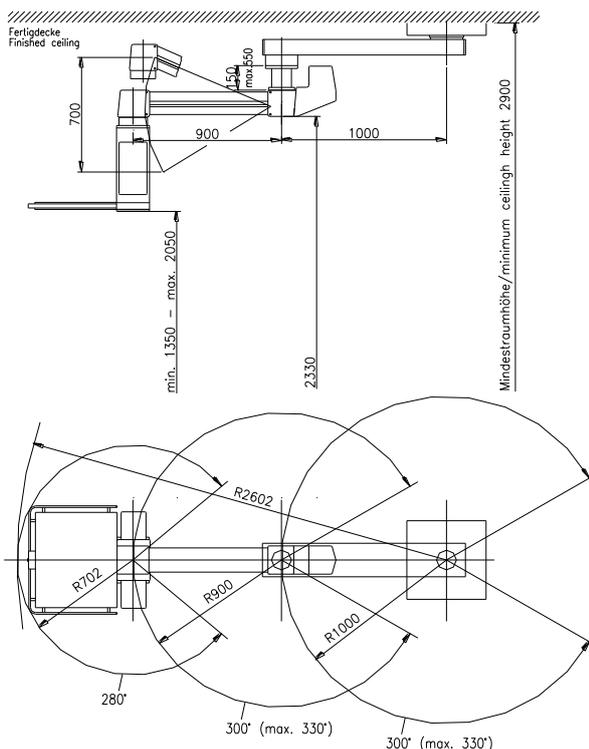
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 462-15  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 463-01

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 1000 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 100 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 127 kg
- Max. torque: 3655 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 463-01 consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column (500mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fix instrument platform. This way the system can be locked at any desired height. Additional accessories can be attached on standard rails with 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

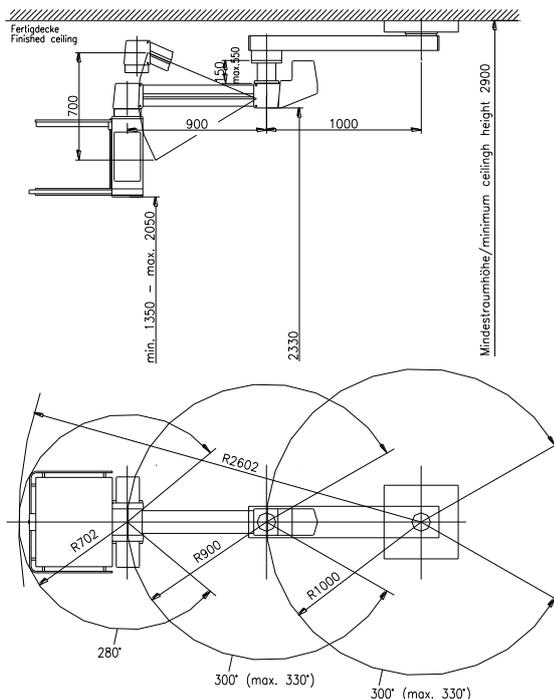
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 463-01  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 463-02

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 1000 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 95 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 132 kg
- Max. torque: 3670 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 463-02 consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column (500mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Two vertical rails provide strong support for a second freely height adjustable platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
 1 x Medical Air 5 bar  
 2 x Vacuum  
 1 x AGSS

**Side Box** 8 x Power sockets 230 V  
**(high voltage):** 8 x POAG

**Side Box** 2 x Data / Low Voltage  
**(low voltage):**

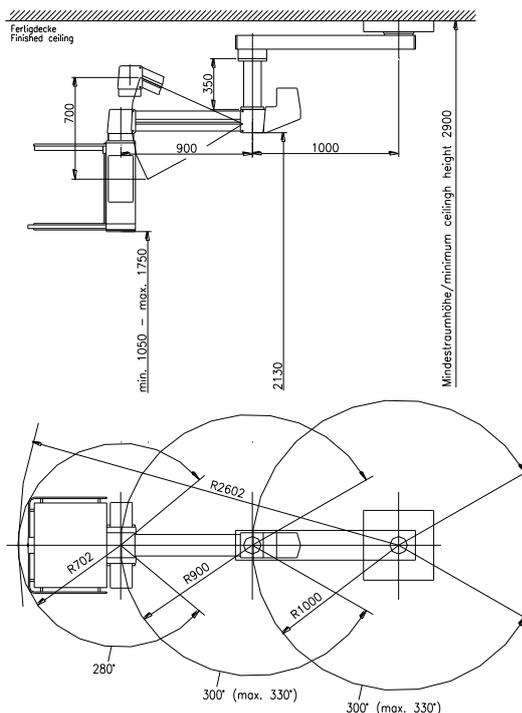
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 463-02  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 463-03

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 1000 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 85 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 134 kg
- Max. torque: 3490 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 463-03 consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column (600 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Two vertical rails provide strong support for a second freely height adjustable platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**  
 2 x Oxygen O<sub>2</sub>  
 1 x Nitrous Oxygen N<sub>2</sub>O  
 1 x Medical Air 5 bar  
 2 x Vacuum  
 1 x AGSS

**Side Box (high voltage):**  
 8 x Power sockets 230 V  
 8 x POAG

**Side Box (low voltage):**  
 2 x Data / Low Voltage

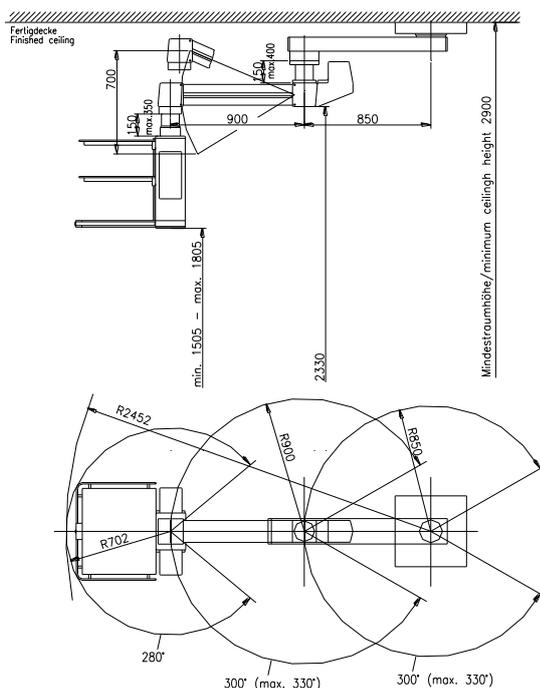
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 463-03  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 463-04

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 1000 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 80 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 147 kg
- Max. torque: 3635 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 463-04 consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column (600 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Two vertical rails provide strong support for a second freely height adjustable platform, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):**

- 2 x Oxygen O<sub>2</sub>
- 1 x Nitrous Oxygen N<sub>2</sub>O
- 1 x Medical Air 5 bar
- 2 x Vacuum
- 1 x AGSS

**Side Box (high voltage):**

- 8 x Power sockets 230 V
- 8 x POAG

**Side Box (low voltage):**

- 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 463-04  
**CE 0123 compliant with MDD 93/42/EEC**

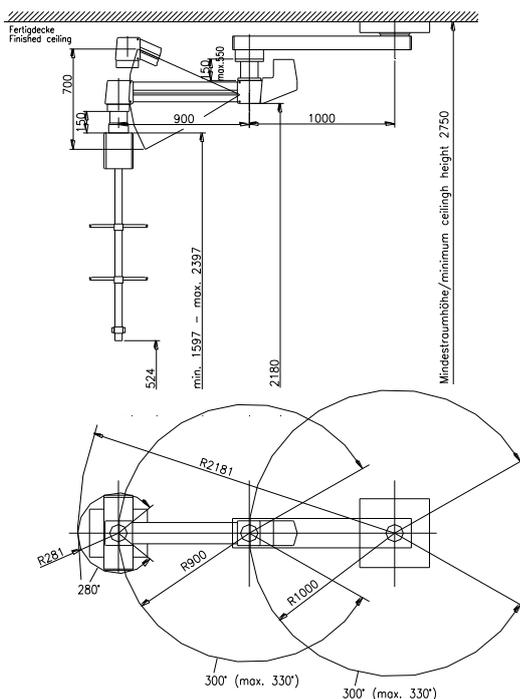
### Type 463-05

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 1000 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 85 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 135 kg
- Max. torque: 3335 Nm
- Instrument platform: 400 x 300 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 463-05 consists of a dual-arm system with rotating horizontal and vertical swivel arm and a horizontal service head (600 or 800 mm wide) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor on its front panel. Up to 12 additional electrical sockets and low voltage connectors can be placed on the back side of the head.

Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a grip rail on the side of the unit. This way the system can be locked at any desired height. Optionally two vertical stainless steel tubes can be fitted directly underneath the head to accommodate height adjustable platforms and standard 25x10 connection rails.



#### Proposal

**Service Column** 2 x Oxygen O<sub>2</sub>  
**(rear panel):** 1 x Nitrous Oxygen N<sub>2</sub>O  
 1 x Medical Air 5 bar  
 2 x Vacuum  
 1 x AGSS

**Side Box** 8 x Power sockets 230 V  
**(high voltage):** 8 x POAG

**Side Box** 2 x Data / Low Voltage  
**(low voltage):**

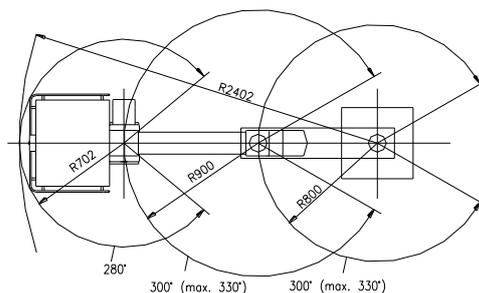
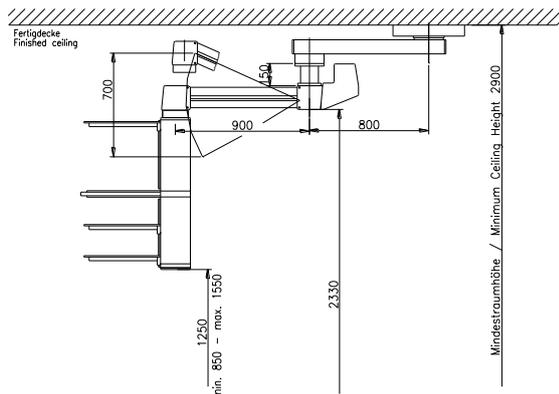
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 463-05  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 463-10

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 1000 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 75 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 150 kg
- Max. torque: 3580 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 463-10 consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data . Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Side Box/Panel:** 2 x Data / Low Voltage

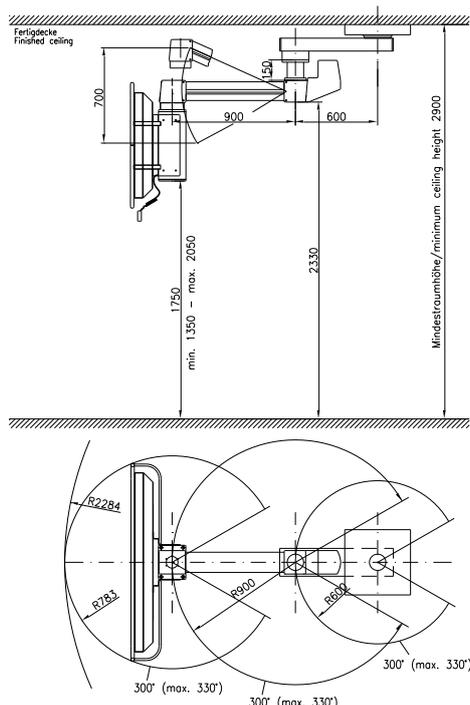
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 463-10  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 463-14

#### Technical Specifications

- Rotation Range:
  - Horizontal swivel arm: 300° (max 330°)
  - Vertical swivel arm: 300° (max 330°)
  - Service Column: 300° (max 330°)
- Swivel radius:
  - Horizontal swivel arm: 1000 (600-1300) mm
  - Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 90 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 150 kg
- Max. torque: 3580 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 463-14 is designed to provide optimal positioning of large screen systems in the operating environment. It consists of a dual-arm system with rotating horizontal and vertical swivel arms as well as a central service column for additional power sockets and low voltage installations. The height level can be adjusted with a single-switch remote control which operates a maintenance-free electric motor. This way the vertical arm can be locked at any desired height. An integrated VESA 400 mount allows for a stable and standardized attachment of the monitoring system. Its circumferential grip frame protects the system against collisions and allows easy movement and safe positioning.



#### Proposal

**Service Column** 2 x Power sockets 230 V  
(rear panel): 2 x POAG

**Service Column** 2 x Data / Low Voltage  
(rear panel):

**Monitor Support** VESA 400 for large screen TFT  
up to 56"

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 463-14  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 463-15

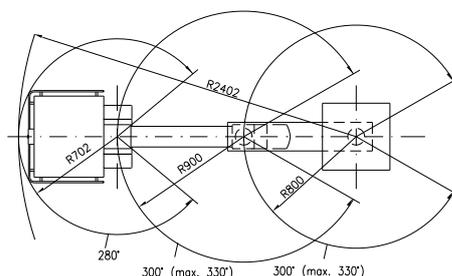
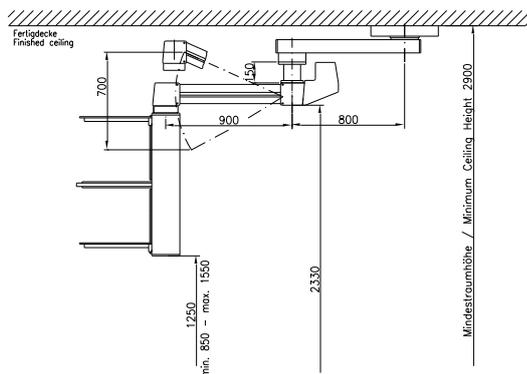
#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 1000 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 75 kg
- Load capacity (Arm): 125 kg
- Weight: approx. 170 kg
- Max. torque: 3580 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 463-15 is a system designed to provide solutions for an intelligent and space saving cable management in operating environments that require large numbers of medical electrical devices. It consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column for the distribution of medical gases, electricity and low voltage connections.

Separate compartments on the sides of the system provide an integrated cable management for cables of different shapes and diameters. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform.

Two vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Service Column (rear panel):** 2 x Data / Low Voltage

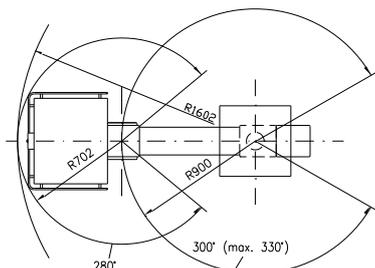
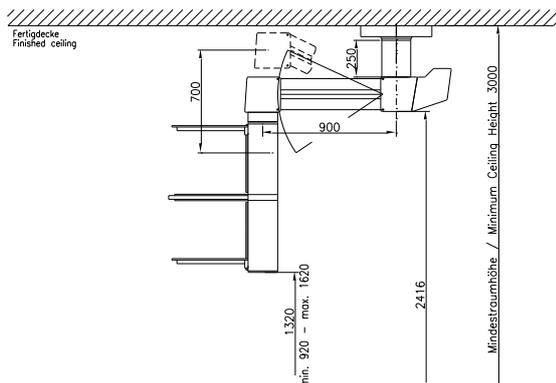
**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 463-15  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 562-10

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 150 kg
- Load capacity (Arm): 210 kg
- Weight: approx. 150 kg
- Max. torque: 3580 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 562-10 is designed to move and position heavy medical equipment freely in the operating environment. It consists of a single-arm system with rotating vertical swivel arm as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument height. Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Side Box/Panel:** 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 562-10  
**CE 0123 compliant with MDD 93/42/EEC**

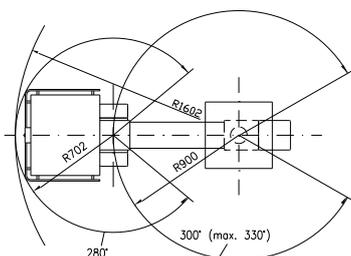
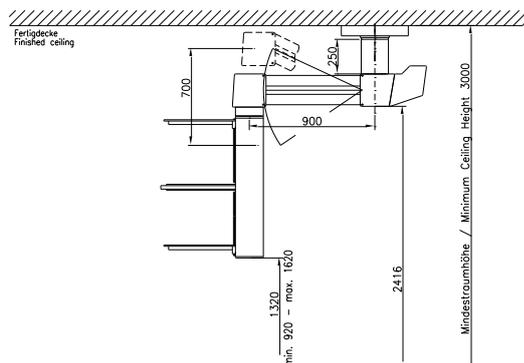
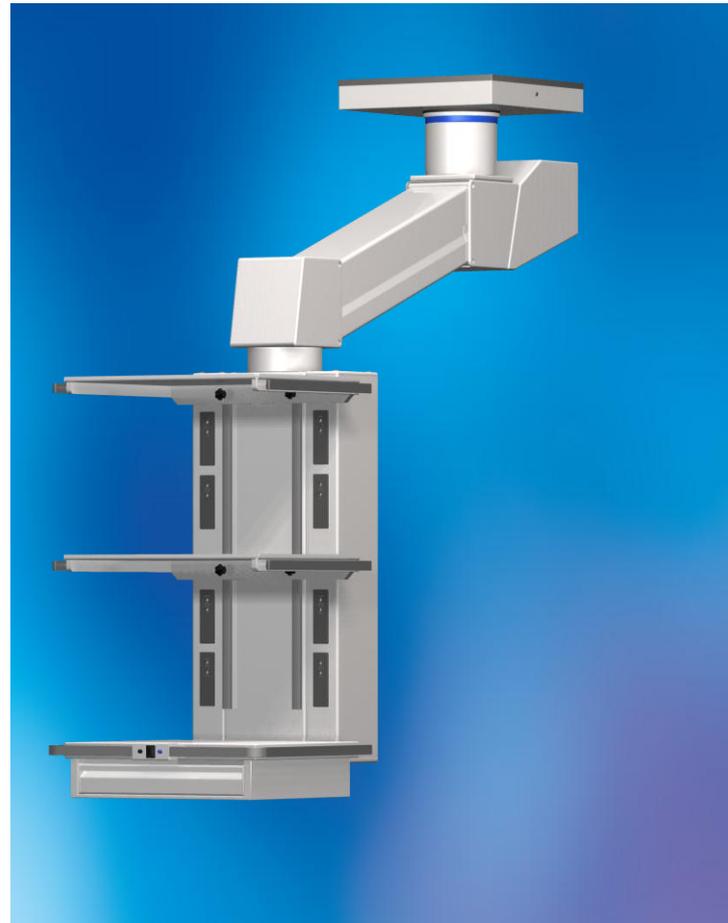
### Type 562-15

#### Technical Specifications

- Rotation Range:  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 150 kg
- Load capacity (Arm): 210 kg
- Weight: approx. 150 kg
- Max. torque: 3580 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 562-15 is designed to move and position heavy medical equipment freely in the operating environment. It consists of a single-arm system with rotating vertical swivel arm as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels. Separate compartments on the sides of the system provide an integrated cable management for cables of different shapes and diameters. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform.

Two vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Side Box/Panel:** 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 562-15  
**CE 0123 compliant with MDD 93/42/EEC**

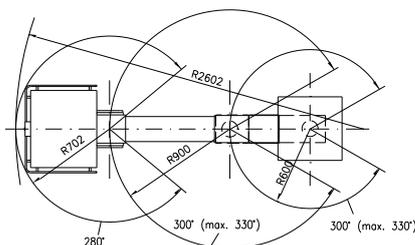
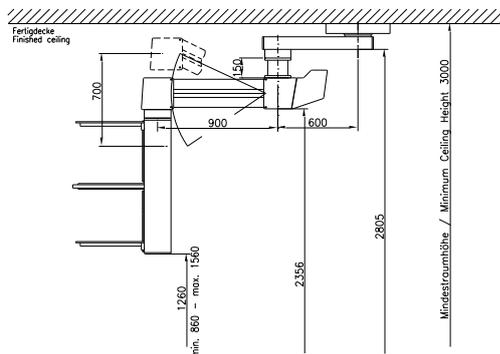
### Type 563-10

#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 600 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 150 kg
- Load capacity (Arm): 210 kg
- Weight: approx. 150 kg
- Max. torque: 3580 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 563-10 is designed to move and position heavy medical equipment freely in the operating environment. It consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform. This way the system can be locked at any desired height. Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Side Box/Panel:** 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 563-10  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 563-15

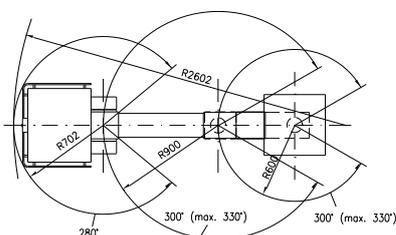
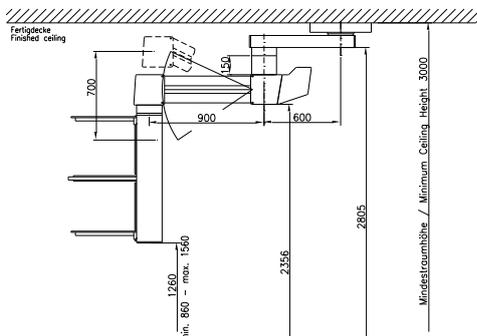
#### Technical Specifications

- Rotation Range:  
Horizontal swivel arm: 300° (max 330°)  
Vertical swivel arm: 300° (max 330°)  
Service Column: 300° (max 330°)
- Swivel radius:  
Horizontal swivel arm: 600 (600-1300) mm  
Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 150 kg
- Load capacity (Arm): 210 kg
- Weight: approx. 150 kg
- Max. torque: 3580 Nm
- Instrument platform: 582 x 495 mm
- Ceiling cover: 480 x 480 x 75 mm
- Colour: RAL 9016, Traffic white
- Supply Voltage: 230 V, 115 V, 110 V

The ceiling supply unit type 563-15 is designed to move and position heavy medical equipment freely in the operating environment. It consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Separate compartments on the sides of the system provide an integrated cable management for cables of different shapes and diameters. Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fixed instrument platform.

Two vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



#### Proposal

**Service Column (rear panel):** 12 x Power sockets 230 V  
12 x POAG

**Service Column (rear panel):** 2 x Oxygen O<sub>2</sub>  
1 x Nitrous Oxygen N<sub>2</sub>O  
1 x Medical Air 5 bar  
2 x Vacuum  
1 x AGSS

**Side Box/Panel:** 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 563-15  
**CE 0123 compliant with MDD 93/42/EEC**



## Tandem Combinations



**Pneumatik Berlin GmbH PTM**  
Falkenberger Straße 40  
D-13088 Berlin  
Germany

Tel: +49 / 30 / 92 70 10 -0  
Fax: +49 / 30 / 926 81 32  
info@pneumatik-berlin.de  
www.pneumatik-berlin.de



### Type 291-03/292-10

#### Technical Specifications (Whole Unit)

- Weight: approx. 238 kg
- Max. torque: 6960 Nm
- Ceiling Cover: 590 x 590 x 75 mm
- Colour: RAL 9016, Traffic White

#### Boom 1 (291-03)

- Rotation Range:
 

Horizontal swivel arm	300° (max. 330°)
Service Column	300° (max. 330°)
- Swivel radius:
 

Horizontal swivel arm	850 mm
-----------------------	--------
- Payload: 105 kg

#### Boom 2 (292-10)

- Rotation Range:
 

Horizontal swivel arm 1	300° (max. 330°)
Horizontal swivel arm 2	300° (max. 330°)
Service Column	300° (max. 330°)
- Swivel radius:
 

Horizontal swivel arm 1	1000 mm
Horizontal swivel arm 2	600 mm
- Payload: 150 kg



#### Boom 1

The ceiling supply unit type 291-03 consists of a single-arm system with a rotating horizontal swivel arm as well as a central service column (600 mm) which can accommodate up to 12 terminal units for medical gases including outlets for AGSS and Airmotor or a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for a freely height adjustable instrument platform, drawers as well as additional accessories with standard 25x10 connector clamps.

#### Boom 2

The ceiling supply unit type 292-10 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



### Type 272-01/292-10

#### Technical Specifications (Whole Unit)

- Weight: approx. 229 kg
- Max. torque: 6795 Nm
- Ceiling Cover: 590 x 590 x 75 mm
- Colour: RAL 9016, Traffic White

#### Boom 1 (272-01)

- Rotation Range:
 

Horizontal swivel arm 1	300° (max. 330°)
Horizontal swivel arm 2	300° (max. 330°)
Service Column	300° (max. 330°)
- Swivel radius:
 

Horizontal swivel arm 1	600 mm
Horizontal swivel arm 2	850 mm
- Payload: 100 kg

#### Boom 21 (292-10)

- Rotation Range:
 

Horizontal swivel arm 1	300° (max. 330°)
Horizontal swivel arm 2	300° (max. 330°)
Service Column	300° (max. 330°)
- Swivel radius:
 

Horizontal swivel arm 1	850 mm
Horizontal swivel arm 2	600 mm
- Payload: 150 kg



#### Boom 1

The ceiling supply unit type 272-01 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (500 mm) which can accommodate a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

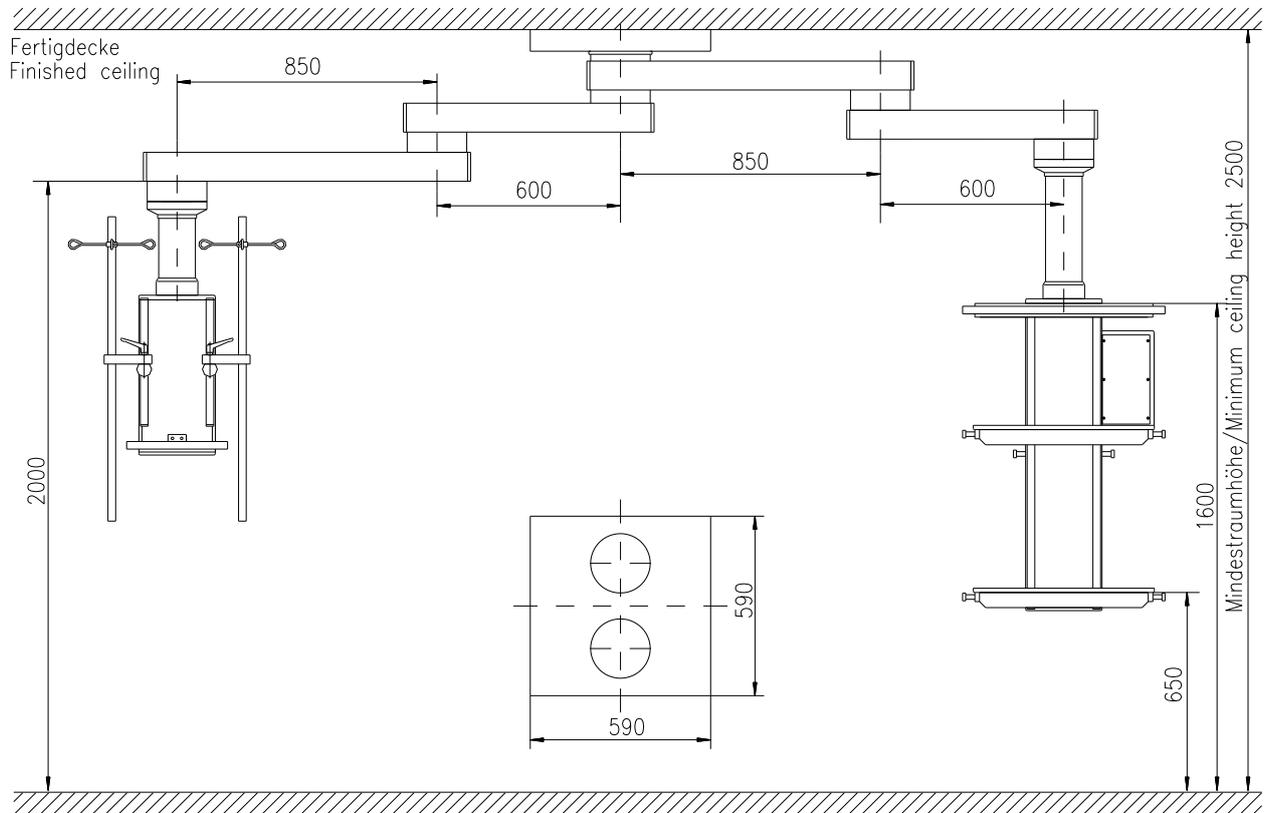
Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a 3-sided grip rail. Vertical rails provide strong support for two infusion poles with adjustable hooks for infusion bottles as well as additional accessories with standard 25x10 connector clamps.

#### Boom 2

The ceiling supply unit type 292-10 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



### Proposal

Boom 1 (272-01)		Boom 2 (292-10)	
<b>Service Column (Rear Panel):</b>	12 x Power Sockets 230 V 12 x POAG	<b>Service Column (Rear Panel):</b>	12 x Power Sockets 230 V 12 x POAG
		<b>Service Column (Rear Panel):</b>	2 x Oxygen O <sub>2</sub> 1 x Nitrous Oxygen N <sub>2</sub> O 1 x Medical Air 5 bar 2 x Vacuum 1 x AGSS
		<b>Side Box/Panel:</b>	2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 272-01/292-10  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 292-10/292-10

#### Technical Specifications (Whole Unit)

- Weight: approx. 260 kg
- Max. torque: 8560 Nm
- Ceiling Cover: 590 x 590 x 75 mm
- Colour: RAL 9016, Traffic White

#### Boom 1 (272-01)

- Rotation Range:
 

Horizontal swivel arm 1	300° (max. 330°)
Horizontal swivel arm 2	300° (max. 330°)
Service Column	300° (max. 330°)
- Swivel radius:
 

Horizontal swivel arm 1	600 mm
Horizontal swivel arm 2	850 mm
- Payload: 150 kg

#### Boom 21 (292-10)

- Rotation Range:
 

Horizontal swivel arm 1	300° (max. 330°)
Horizontal swivel arm 2	300° (max. 330°)
Service Column	300° (max. 330°)
- Swivel radius:
 

Horizontal swivel arm 1	850 mm
Horizontal swivel arm 2	600 mm
- Payload: 150 kg



#### **Boom 1**

The ceiling supply unit type 292-10 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

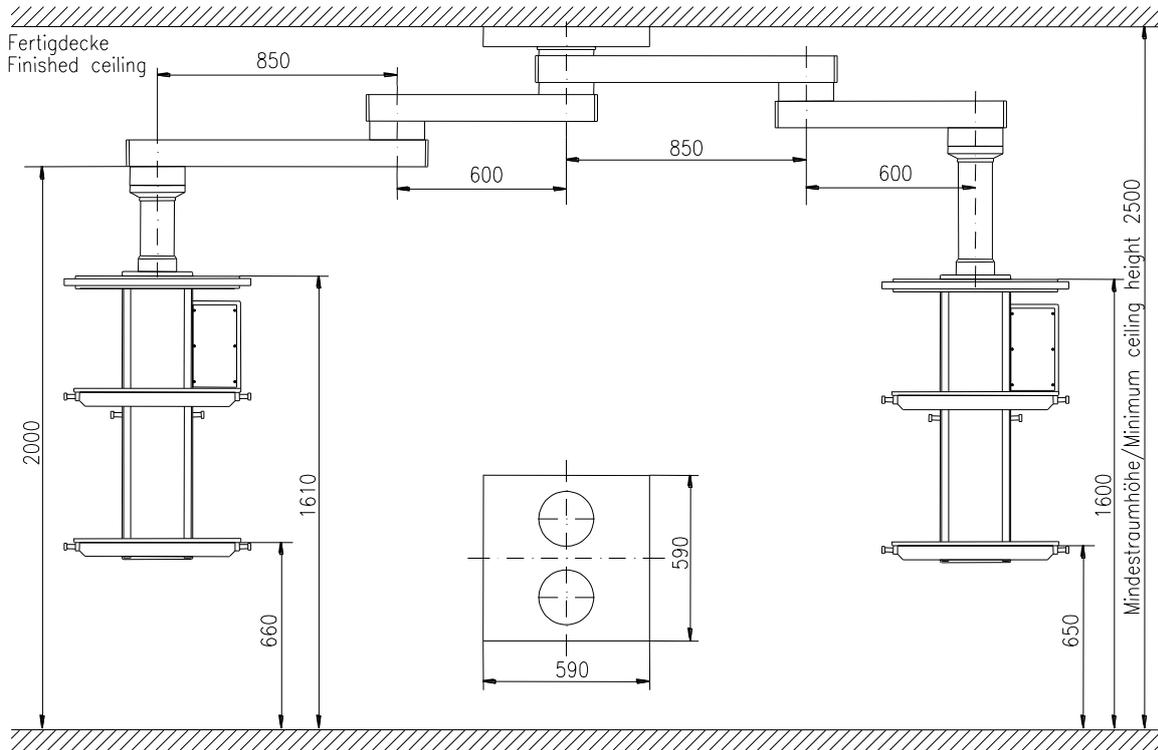
Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.

#### **Boom 2**

The ceiling supply unit type 292-10 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data. Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



### Proposal

#### Boom 1 (272-01)

**Service Column (Rear Panel):** 12 x Power Sockets 230 V  
12 x POAG

**Service Column (Rear Panel):** 2 x Oxygen O<sub>2</sub>  
2 x Medical Air 5 bar  
2 x Vacuum

**Side Box/Panel:** 2 x Data / Low Voltage

#### Boom 2 (292-10)

**Service Column (Rear Panel):** 12 x Power Sockets 230 V  
12 x POAG

**Service Column (Rear Panel):** 2 x Oxygen O<sub>2</sub>  
2 x Medical Air 5 bar  
2 x Vacuum

**Side Box/Panel:** 2 x Data / Low Voltage

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 292-10/292-10  
**CE 0123 compliant with MDD 93/42/EEC**

### Type 363-01/292-10

#### Technical Specifications (Whole Unit)

- Weight: approx. 260 kg
- Max. torque: 8560 Nm
- Ceiling Cover: 590 x 590 x 75 mm
- Colour: RAL 9016, Traffic White

#### Boom 1 (272-01)

- Rotation Range :
  - Horizontal swivel arm: 300° (max 330°)
  - Vertical swivel arm: 300° (max 330°)
  - Service Column: 300° (max 330°)
- Swivel Radius:
  - Horizontal swivel arm: 850 mm
  - Vertical swivel arm: 900 mm
- Lift: 700 mm
- Payload: 75 kg

#### Boom 2 (292-10)

- Rotation Range:
  - Horizontal swivel arm 1: 300° (max. 330°)
  - Horizontal swivel arm 2: 300° (max. 330°)
  - Service Column: 300° (max. 330°)
- Swivel radius:
  - Horizontal swivel arm 1: 1000 mm
  - Horizontal swivel arm 2: 850 mm
- Payload: 150 kg



#### **Boom 1**

The ceiling supply unit type 363-01 consists of a dual-arm system with rotating horizontal and vertical swivel arm as well as a central service column (500mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor. Up to 12 additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

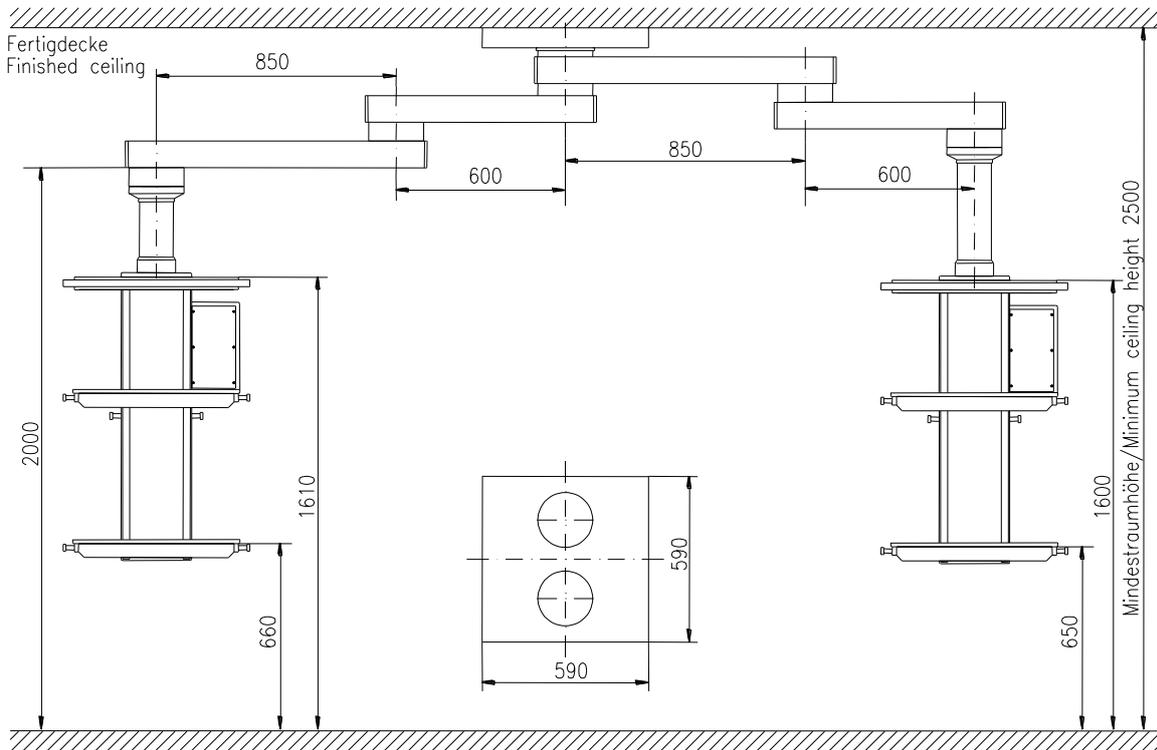
Color-coded buttons for the safe operation of the optional pneumatic brake system and a two-way switch to operate the motorized swivel arm are integrated into a fix instrument platform. This way the system can be locked at any desired height. Additional accessories can be attached on standard rails with 25x10 connector clamps.

#### **Boom 2**

The ceiling supply unit type 292-10 consists of a dual-arm system with two rotating horizontal swivel arms as well as a central service column (1000 mm) which can accommodate up to 10 terminal units for medical gases including outlets for AGSS and Airmotor and a maximum of 12 power sockets and data . Additional electrical sockets and low voltage connectors can be placed on separate side boxes / panels.

Color-coded buttons for the safe operation of the optional pneumatic brake system are integrated into a fixed instrument platform.

Vertical rails provide strong support for two freely height adjustable platforms, drawers as well as additional accessories with standard 25x10 connector clamps.



### Proposal

#### Boom 1 (363-01)

<b>Service Column (Rear Panel):</b>	2 x Oxygen O <sub>2</sub> 1 x Carbondioxide CO <sub>2</sub> 1 x Medical Air 5 bar 2 x Vacuum 1 x Airmotor
-------------------------------------	---

<b>Side Box (High Voltage):</b>	8 x Power Sockets 230 V 8 x POAG
---------------------------------	-------------------------------------

<b>Side Box (Low Voltage):</b>	2 x Data / Low Voltage
--------------------------------	------------------------

#### Boom 2 (292-10)

<b>Service Column (Rear Panel):</b>	2 x Oxygen O <sub>2</sub> 1 x Nitrous Oxygen N <sub>2</sub> O 1 x Medical Air 5 bar 2 x Vacuum 1 x AGSS
-------------------------------------	---

<b>Service Column (Rear Panel):</b>	9 x Power Sockets 230 V 9 x POAG
-------------------------------------	-------------------------------------

<b>Side Box/Panel:</b>	2 x Data / Low Voltage
------------------------	------------------------

**Make:** Pneumatik Berlin GmbH PTM  
**Order-Nr.:** TD 363-01/292-10  
**CE 0123 compliant with MDD 93/42/EEC**