h/p/cosmos®

sports & medical

spezifikationen

general notes
For order-no. and prices please refer to the price list.
If ordering accessories as a retro-fitting kit the name of the device and the serial number always have to be indicated.
The standard frame colour of all treadmills is standard-white.
Optionally with no extra charge: grey-aluminium.
Devices of the sports category are not suitable for medical application. For maximum stress tests and with oversize treadmills a safety facility such as a safety harness, is necessary and recommended.

certificates and standards
h/p/cosmos medical devices meet all technical safety standards and legal demands for medical applications. Medical devices are manufactured according to MDD class IIb, CE 0123, IEC EN 60601-1, IEC EN 60601-1-2, IEC EN 60601-1-4, EN 957-1, EN 957-2 and EN 957-6 as well as VDE 0750/0751

h/p/cosmos sports devices meet all technical standards and legal demands for sports applications, manufactured according to CE, IEC EN 60335-1, EN 957-1, -2 and -6 and VDE 0700/0701

technical data

standards, options and accessories

■ standard □ optionally ⍁ not available / not suitable

	running surface	speed	elevation	motor capacity	power supply	dimensions	weight	height	medical application with potential isolation transformer	RS232 interface com1 for direct connected printer, PC etc.	additional RS232 com2 order-no. 000 9801 0025	para graphics compatible	heart rate controlled load	reverse belt rotation* (downhill) order-no. see table	safety stop waist belt & magnet switch order-no. 000 9805 0043	safety arch with harness & chest belt order-no. see table	handrails long 2 pillars order-no. see table	handrail crossbar order-no. see table	handrails adjustable order-no. COS10030	armsupport adjustable order-no. 000 9806 0044	additional keyboard for armsupport order-no. COS10106	additional stop-button for armsupport order-no. COS10107 left / -08 right	wheelchair stabilizer order-no. 000 9611 0031	special speed 0 ... 10 km/h order-no. COS10000	special speed 0 ... 30 km/h order-no. 000 9611 0008	special speed more than 40 km/h range and order-no. see table	special running belt for ski sticks on request - please name model	
treadmills	cm / inches	km/h / mph			dedicated line and fuse	l x w x h in cm	ca.	track access ca.																				
h/p/cosmos stratos lt 4.0	all models	all models	⍁	all models	all models	all models	180 kg	all models	⍁	■	□	■	⍁	□	□	□	□	□	□	□	□	□	⍁	□	□	⍁	⍁	h/p/cosmos stratos lt 4.0
h/p/cosmos stratos 4.0	150 x 50 / 59.0 x 19.7	0 ... 22 / ... 13.7	⍁	2.2 kw / 3 hp	220-240 V / 15 A	210 x 82 x 150	180 kg	16 cm	⍁	■	□	■	■	□	□	□	□	□	□	□	□	□	⍁	□	□	⍁	⍁	h/p/cosmos stratos 4.0
h/p/cosmos mercury lt 4.0			0 ... 24 % / 13°				190 kg		⍁	■	□	■	⍁	□	□	□	□	□	□	□	□	□	⍁	□	□	⍁	⍁	h/p/cosmos mercury lt 4.0
h/p/cosmos mercury 4.0			0 ... 24 % / 13°				190 kg		⍁	■	□	■	■	□	□	□	□	□	□	□	□	□	⍁	□	□	⍁	⍁	h/p/cosmos mercury 4.0
h/p/cosmos stellar lt 4.0	all models	all models	⍁	all models	all models	all models	360 kg	all models	⍁	■	□	■	⍁	□	□	□	□	□	⍁	□	□	□	⍁	□	□	□	□	h/p/cosmos stellar lt 4.0
h/p/cosmos stellar 4.0	170 x 65 / 66.9 x 25.6	0 ... 25 / ... 15.5	⍁	2.2 kw / 3 hp	220-240 V / 15 A	230 x 105 x 145	360 kg	19 cm	⍁	■	□	■	■	□	□	□	□	□	⍁	□	□	□	⍁	□	□	□	□	h/p/cosmos stellar 4.0
h/p/cosmos quasar lt 4.0			0 ... 28 % / 14°				370 kg		⍁	■	□	■	⍁	□	□	□	□	□	⍁	□	□	□	⍁	□	□	□	□	h/p/cosmos quasar lt 4.0
h/p/cosmos quasar 4.0			0 ... 28 % / 14°				370 kg		⍁	■	□	■	■	□	□	□	□	□	⍁	□	□	□	⍁	□	□	□	□	h/p/cosmos quasar 4.0
ladder ergometers	climbing space	m/min / ft/min	permanent																									
h/p/cosmos discovery lt 4.0.	235 x 45 / 92.5 x 17.7	0 ... 40 / ... 130	75°	0.75 kw / 1 hp	220-240 V / 15 A	90 x 101 x 247	300 kg	-	⍁	■	□	■	■	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	h/p/cosmos discovery lt 4.0.
h/p/cosmos discovery 4.0	235 x 45 / 92.5 x 17.7	0 ... 40 / ... 130	75°	0.75 kw / 1 hp	220-240 V / 15 A	90 x 101 x 247	300 kg	-	⍁	■	□	■	■	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	h/p/cosmos discovery 4.0
sprint trainer	rope length	km/h / m/sec																										
h/p/cosmos comet 3.0	180 m / 590 feet	0 ... 60 / ... 16	⍁	0.75 kw / 1 hp	3 x 400 V / 16 A	100 x 75 x 90	85 kg	-	⍁	■	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	h/p/cosmos comet 3.0

All treadmills: Speed and elevation adjustable in 0.1 steps, 7 acceleration and deceleration levels for speed.

sports

	running surface	speed	elevation	motor capacity	power supply	dimensions	weight	height	medical application	RS232 interface com1	additional RS232 com2	para graphics compatible	heart rate controlled load	reverse belt rotation* (downhill)	safety stop waist belt & magnet switch	safety arch with harness & chest belt	handrails long 2 pillars	handrail crossbar	handrails adjustable	armsupport adjustable	additional keyboard for armsupport	additional stop-button for armsupport	wheelchair stabilizer	special speed 0 ... 10 km/h	special speed 0 ... 30 km/h	special speed more than 40 km/h	special running belt for ski sticks	
treadmills	cm / inches	km/h / mph			dedicated line and fuse	l x w x h in cm	ca.	track access ca.																				
h/p/cosmos stratos lt med 4.0	all models	all models	⍁	all models	all models	all models	190 kg	all models	■	■	□	■	⍁	□	□	□	□	□	□	□	□	□	⍁	□	□	⍁	⍁	h/p/cosmos stratos lt med 4.0
h/p/cosmos stratos med 4.0	150 x 50 / 59.0 x 19.7	0 ... 22 / ... 13.7	⍁	2.2 kw / 3 hp	220-240 V / 15 A	210 x 82 x 150	190 kg	16 cm	■	■	□	■	■	□	□	□	□	□	□	□	□	□	⍁	□	□	⍁	⍁	h/p/cosmos stratos med 4.0
h/p/cosmos mercury lt med 4.0			0 ... 24 % / 13°				200 kg		■	■	□	■	⍁	□	□	□	□	□	□	□	□	□	⍁	□	□	⍁	⍁	h/p/cosmos mercury lt med 4.0
h/p/cosmos mercury med 4.0			0 ... 24 % / 13°				200 kg		■	■	□	■	■	□	□	□	□	□	□	□	□	□	⍁	□	□	⍁	⍁	h/p/cosmos mercury med 4.0
h/p/cosmos stellar lt med 4.0	all models	all models	⍁	all models	all models	all models	370 kg	all models	■	■	□	■	⍁	□	□	□	□	□	⍁	□	□	□	⍁	□	□	□	□	h/p/cosmos stellar lt med 4.0
h/p/cosmos stellar med 4.0	170 x 65 / 66.9 x 25.6	0 ... 25 / ... 15.5	⍁	2.2 kw / 3 hp	220-240 V / 15 A	230 x 105 x 145	370 kg	19 cm	■	■	□	■	■	□	□	□	□	□	⍁	□	□	□	⍁	□	□	□	□	h/p/cosmos stellar med 4.0
h/p/cosmos quasar lt med 4.0			0 ... 28 % / 14°				380 kg		■	■	□	■	⍁	□	□	□	□	□	⍁	□	□	□	⍁	□	□	□	□	h/p/cosmos quasar lt med 4.0
h/p/cosmos quasar med 4.0			0 ... 28 % / 14°				380 kg		■	■	□	■	■	□	□	□	□	□	⍁	□	□	□	⍁	□	□	□	□	h/p/cosmos quasar med 4.0
h/p/cosmos pulsar lt 4.0	all models	all models	all models	2.2 kw / 3 hp	220-240 V / 15 A	all models	400 kg	all models	■	■	■	■	⍁	■	■	□	□	□	⍁	□	□	□	⍁	⍁	⍁	□	□	h/p/cosmos pulsar lt 4.0
h/p/cosmos pulsar lt 3p 4.0	190 x 65 / 74.8 x 25.6	0 ... 40 / ... 24.9	-25 ...+25 % / 14°	3.0 kw / 4 hp	3 x 400 V / 20 A	250 x 105 x 145	440 kg	19 cm	■	■	■	■	⍁	■	■	□	□	□	⍁	□	□	□	⍁	⍁	⍁	□	□	h/p/cosmos pulsar lt 3p 4.0
h/p/cosmos pulsar 4.0				2.2 kw / 3 hp	220-240 V / 15 A		400 kg		■	■	■	■	■	■	■	□	□	□	⍁	□	□	□	⍁	⍁	⍁	□	□	h/p/cosmos pulsar 4.0
h/p/cosmos pulsar 3p 4.0				3.0 kw / 4 hp	3 x 400 V / 20 A		440 kg		■	■	■	■	■	■	■	□	□	□	⍁	□	□	□	⍁	⍁	⍁	□	□	h/p/cosmos pulsar 3p 4.0
h/p/cosmos venus 200/75	200 x 75 / 78.7 x 29.5	all models 0 ... 40 km/h / 0 ... 24.9 mph	-35 ...+35 % / 19°	5.5 kw / 7 hp	all models 3 x 400 V / 32 A	240 x 115 x 138	800 kg	45 cm - option: pit and even access	■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	⍁	⍁	⍁	□	□	h/p/cosmos venus 200/75
h/p/cosmos venus 200/75 r	200 x 75 / 78.7 x 29.5		-35 ...+35 % / 19°	5.5 kw / 7 hp		240 x 115 x 138	900 kg		■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	□	⍁	⍁	□	□	h/p/cosmos venus 200/75 r
h/p/cosmos venus 200/100	200 x 100 / 78.7 x 39.4		-35 ...+35 % / 19°	5.5 kw / 7 hp		240 x 140 x 138	1000 kg		■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	⍁	⍁	⍁	□	□	h/p/cosmos venus 200/100
h/p/cosmos venus 200/100 r	200 x 100 / 78.7 x 39.4		-35 ...+35 % / 19°	5.5 kw / 7 hp		240 x 140 x 138	1100 kg		■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	□	⍁	⍁	□	□	h/p/cosmos venus 200/100 r
h/p/cosmos saturn 250/75	250 x 75 / 98.4 x 29.5		all models -25 ...+25 % / 14°	5.5 kw / 7 hp		290 x 115 x 138	1000 kg		■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	⍁	□	⍁	□	□	h/p/cosmos saturn 250/75
h/p/cosmos saturn 250/75 r	250 x 75 / 98.4 x 29.5			5.5 kw / 7 hp		290 x 115 x 138	1100 kg		■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	□	□	⍁	□	□	h/p/cosmos saturn 250/75 r
h/p/cosmos saturn 250/100	250 x 100 / 98.4 x 39.4			7.5 kw / 10 hp		290 x 140 x 138	1100 kg		■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	⍁	□	⍁	□	□	h/p/cosmos saturn 250/100
h/p/cosmos saturn 250/100 r	250 x 100 / 98.4 x 39.4			7.5 kw / 10 hp		290 x 140 x 138	1200 kg		■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	□	□	⍁	□	□	h/p/cosmos saturn 250/100 r
h/p/cosmos saturn 250/125 r	250 x 125 / 98.4 x 49.2			7.5 kw / 10 hp		290 x 165 x 138	1300 kg		■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	□	□	⍁	□	□	h/p/cosmos saturn 250/125 r
h/p/cosmos saturn 300/75	300 x 75 / 118.1 x 29.5			7.5 kw / 10 hp		340 x 115 x 138	1100 kg		■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	⍁	□	⍁	□	□	h/p/cosmos saturn 300/75
h/p/cosmos saturn 300/75 r	300 x 75 / 118.1 x 29.5			7.5 kw / 10 hp		340 x 115 x 138	1200 kg		■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	□	□	⍁	□	□	h/p/cosmos saturn 300/75 r
h/p/cosmos saturn 300/100	300 x 100 / 118.1 x 39.4			7.5 kw / 10 hp		340 x 140 x 138	1200 kg		■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	⍁	□	⍁	□	□	h/p/cosmos saturn 300/100
h/p/cosmos saturn 300/100 r	300 x 100 / 118.1 x 39.4			7.5 kw / 10 hp		340 x 140 x 138	1300 kg		■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	□	□	⍁	□	□	h/p/cosmos saturn 300/100 r
h/p/cosmos saturn 300/125 r	300 x 125 / 118.1 x 49.2			11 kw / 15 hp		340 x 165 x 138	1400 kg	48 cm	■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	□	□	⍁	□	□	h/p/cosmos saturn 300/125 r
h/p/cosmos saturn 300/150 r	300 x 150 / 118.1 x 59.1			11 kw / 15 hp		340 x 220 x 143	1500 kg	48 cm	■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	□	□	⍁	□	□	h/p/cosmos saturn 300/150 r
h/p/cosmos saturn 300/175 r	300 x 175 / 118.1 x 68.9			11 kw / 15 hp		340 x 225 x 143	1700 kg	50 cm	■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	□	□	⍁	□	□	h/p/cosmos saturn 300/175 r
h/p/cosmos saturn 300/200 r	300 x 200 / 118.1 x 78.7			11 kw / 15 hp		340 x 250 x 143	1900 kg	50 cm	■	■	■	■	■	■	■	□	⍁	□	⍁	□	□	□	□	□	⍁	□	□	h/p/cosmos saturn 300/200 r
ladder ergometers	climbing space	m/min / ft/min	permanent																									
h/p/cosmos discovery lt med 4.0	235 x 45 / 92.5 x 17.7	0 ... 40 / 0 ... 130	75°	0.75 kw / 1 hp	220-240 V / 15 A	90 x 101 x 247	300 kg	-	■	■	□	■	■	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	h/p/cosmos discovery lt med 4.0
h/p/cosmos discovery med 4.0	235 x 45 / 92.5 x 17.7	0 ... 40 / 0 ... 130	75°	0.75 kw / 1 hp	220-240 V / 15 A	90 x 101 x 247	300 kg	-	■	■	□	■	■	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	⍁	h/p/cosmos discovery med 4.0
gait analysis treadmills																												
h/p/cosmos Kistler Gaitway II F	150 x 50 / 59.0 x 19.7	0 ... 22 / 0 ... 13.7	⍁	2.2 kw / 3 hp	220-240 V / 15 A	219 x 82 x 150	290 kg	16 cm	■	■	□	■	■	□ see mercury	□	□ see mercury	□ see mercury	□ see mercury	□	□	□	□	□	□	□	□	⍁	h/p/cosmos Kistler Gaitway II F
h/p/cosmos Kistler Gaitway II S	150 x 50 / 59.0 x 19.7	0 ... 22 / 0 ... 13.7	0 ... 24 % / 13°	2.2 kw / 3 hp	220-240 V / 15 A	219 x 82 x 150	300 kg	16 cm	■	■	□	■	■	□	□	□	□	□	□	□	□	□	□	□	□	□	⍁	h/p/cosmos Kistler Gaitway II S

* Except for the models venus, saturn and orbiter the speed for using reverse belt rotation is limited to 5 km/h and a safety stop with waist belt and magnet switch is integrated.
All information about the treadmill h/p/cosmos orbiter (400 x 195 cm) on request. Abreviations: lt = without terminal (display and keyboard), r = belt, deck and lubrication for bicycle & wheelchair applications.

medical

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