

h/p/cosmos speed training

h/p/cosmos pulsar 3p 4.0



[Illustration non-binding]

sports

pos.	order number	product description	price
01	cos05001100003	Running machine h/p/cosmos pulsar 3p 4.0 Running surface 190 x 65 cm, Speed 0 ... 40 km/h, Elevation -25 ... +25 %, Drive motor 3.0 kW with high-performance 3-phase power supply	
02	cos10159	Special speed 0 ... 45 km/h / 0 ... 12,5 m/s	
03	cos15133	Handrail crossbar „speed“, in front	
04	cos14763	Handrail “speed” included handhold, left hand side (surcharge)	
05	cos14764	Footboard “speed” for safe jumping on and off the moving running belt, extra width	
06	cos10170	Safety arch with chest belt and harness, chest belt size M	
07	cos14903-S	Chest belt for safety arch / size S	
08	cos14903-L	Chest belt for safety arch / size L	
	cos10223	Potential equalization cable, 5 m (required for medical systems, e.g. for combined application of the running machine for performance diagnostics)	
09	cos10179	Transport in cardboard box (assembled or part-assembled), installation & instruction included	

System h/p/cosmos speed training

E & OE. Subject to alterations without prior notice. System- and Software-training as well as workshops on request. Special accessories and custom made running machines for special applications on request. Manufacturer: h/p/cosmos sports & medical gmbh, Am Sportplatz 8, DE 83365 Nussdorf-Traunstein / Germany, phone + 49 / 8669 / 86 42 0, fax + 49 / 8669 / 86 42 49
sales@h-p-cosmos.com www.h-p-cosmos.com

running machine:	h/p/cosmos pulsar 3p 4.0 treadmill ergometer with user terminal (display & keyboard) stand-alone & remote control via RS232
applications:	running for sports, sports medicine, cardiology, stress tests & medicine
running surface:	length 190 cm / 74.83", width 65 cm / 25.59", access height 22 cm - special size on request - shock load reduction for the joints - belt surface with non slippery material - max. permissible load: 200kg (440 lbs)
speed range:	0 ... 40.0 km/h / 0 ... 1 1.1 m/sec. / 0 ... 25.0 mph) special speed up to 45 km/h on request
acceleration:	7 levels (in 3...131 sec. from 0 to max. speed) also for deceleration
elevation:	-25 ... 25 % (0...14°) adjustable electr., resolution 0.1% special elevation on request, electronic motor break system prevents from accelerating when running at max. elevation
running direction:	switch for reversing running belt direction, safety-harness required for reverse
motor system:	3.0 kW (4.1 HP) 3phase A.C. motor (maintenance free)
power transmission:	Poly-V-Belt drive (very quiet operation)
safety systems:	CE0123, MDD, Guideline 93/42 EEC for med. devices IEC EN 60335-1 (VDE 0700); IEC EN 60601-1 (VDE 0750) IEC EN 60601-1-2 (EMC approval); IEC EN 60601-1-4 VDE 0701; VDE 0751; EN 957-1; EN 957-6; emergency-off-switch (mains cut), Potential-Equalization Transformer for Potential-Isolation from the mains.
display(resolutions):	6 LCD displays, 4 LED for operation mode, 20 LEDs for display of units & profile no, & steps, etc. speed (0.1 km/h or m/sec or m/min or mph), time (00:00) in hours, minutes & seconds, elevation (0.1% / °) distance (1 meter ... 999.9 km or miles), METS (1 MET) program step/number, energy (1 kJ/kcal), fitness index(1) power (1 Watt), heart rate (1 bpm/beat per minute)
heartrate monitoring:	POLAR wireless, 1-channel receiver, ECG-accurate, measuring & display beat to beat
heartrate control:	automatic control of speed & elevation according to programmed target heart rate („cardio mode“)
interface digital:	2x RS232 COM1 + 2 incl. PC-, CosCom-, Blood-Pressure-Monitor-, ECG-, Ergospirometry- & series printer protocol
programs:	20 programs / profiles - 6 exercise profiles (scalable, 131 variations) - 10 test profiles (UKK Walktest, Cooper, Conconi, Graded Test etc.) - 4 free defineable profiles, 10 steps each
free PC software:	h/p/cosmos para control for display & remote control. h/p/cosmos para graphics for monitoring, recording & control incl. 1 RS 232 interface connection cable 5m
colour of frame:	grey aluminium RAL 9007 (powder coated), other colours available on request
handrails:	steel tube handrails on both sides, frontbar handrail
voltage supply:	380/420 Volt, 50/60 cycles (Hz), 3 phase AC, 20 Amps special voltage supply available on request
size of frame:	length 250 cm / 98.42", width 105 cm / 41.34", height 146 cm / 57.47"
weight:	approx. 450 kg / 990 lbs

Further details and accessories on request.

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Authorised h/p/cosmos dealer