

sprint trainer: h/p/cosmos comet 1p
order number: cos30015va01
applications: electronic machine for sprint training with traction resistance or traction support (overspeed). The athlete is running on the 100 meter track, is either resisted or pulled
speed: 0 ... 42 km/h (0 ... 11.67 m/s) (0 ... 26.25 mph) adjustable from 0 ... 100% scale on the potentiometer
traction force / traction resistance: 0 ... 157 N (0 ... 18 kg), adjustable from 0 ... 100% analogue adjustment by means of the potentiometer digital adjustment by means of the motor control (special versions with more traction force available on request)
voltage power supply: 230 Volt AC 1~/N/PE 50/60 Hz 15A fuse breaker, dedicated line, special voltage supply available on request.
drive and break system: 0,75 kW AC servo-motor
length of rope: approx. 160 m
diameter of rope: 1.5 mm
load-carrying capacity of the rope (not the drive motor): max. 70 kg
custom-made product on request: - digital adjustment
- higher traction resistance
safety features: - emergency-STOP switch on the control panel of the motor
- switch on logic, the speed regulator can only be activated at zero power (0%) and if the stabilizer is pulled out.
- switch off if the rope breaks
- switch off by reaching the close danger area 5m in front of the device.
accessories: - waist belt (M)
- 3 x cones for marking distance
- adapter rope (rubber) for max. 10 kg traction force
dimensions: L: 75 cm (29.53") B: 108 cm (42.52") H: 84 cm (33.07")
size of packing: L: 80 cm (31.50") B: 120 cm (47.24") H: 115 cm (45.28")
net weight: approx. 136 kg (300 lbs)
gross weight: approx. 236 ... 286 kg (519 ... 629 lbs)

Only the h/p/cosmos comet 3p model with 3-phase power supply can provide sufficient performance for almost all applications in professional sports. The standard power supply of 220 - 240 V is not sufficient for all applications and therefore is not recommended.

The "traction rope" is an expendable item and can be easily damaged by inappropriate use. There is no warranty on the traction rope.

Further details & optional equipment on request.
E & OE. Subject to technical alterations without prior notice.
Weight and package specifications can deviate according to options, accessories and packing. E&OE. Subject to alterations without prior notice.