

Height Control Unit B 1000

ProCAM Engineering and Development Ltd.

Factory H-2142 Nagytarcsa, Ganz Ábrahám utca 4.

Office H-2142 Nagytarcsa, Ady Endre u. 36/A.

Phone/Fax +36 28 737 046

Internet www.precitrack.com

E-mail info@procamkft.hu

The height control unit B 1000 is easy to use for all plasma applications and provides all essential functions that are needed for a constant distance between the torch and the material thus allowing good cuts and optimum utilization of the workpiece. Cutting height is preferably entered in mm and guarantees exact torch-workpiece-distance; independently from wearing of cathode.

- For all power sources of the types CutFire, PA-S, FineFocus and HiFocus
- Installation or retrofit on any guiding system possible for modernization of existing cutting workstations
- Lifting of up to 200 mm and working load of up to 10 kg
- Integrated collision protection

Features

- Simple adaption to all common guiding systems,
- Tactile finding of initial position on work-piece surface
- The cutting height can be adjusted in millimeters / inch ("cutting height mode") or in Volt steps (ARC voltage mode)
- Intuitive, easy operation due to visual presentation of the sequence
- LED status indication
- Display of cutting voltage during operation
- Kerf detection and corner function
- Additional height control protects moving parts protects against hot slag
- Torch clamp with collision protection
- Isolated input of cutting voltage recognizes automatically polarity and range of cutting voltage 0-10 V or 0-300 V



Technical data

Height control unit B 1000	
Lifting	200 mm
Max. lifting speed	80 mm/s (4.8 m/min)
Working load	10 kg
Torch clamp for torch diameter	30-58 mm
Collision protection for torch	Integrated collision protection
Operating voltage	230V AC
Inputs for control signals	24 V DC
Outputs for control signals	20 V DC
Isolated input for arc voltage	0-300 V DC / (0 to 10V DC)
Weight	6.8 kg (+1.9 kg Contor Unit)
Dimensions Linear Drive	360 x 180 x 125 mm (H x W x D)
Dimensions Operator Interface	235 x 111 x 122 mm (H x W x D)