



Electropower

The most powerful electromagnetic chuck ever for chip removal operations

- Battery back-up ensures uninterrupted power supply and warns operator in case of a mains power failure
- Magnetic holding over the entire working surface having extra powerful edges
- Threaded holes in the working surface to fix pole extensions, adapters, stops and other supporting pieces
- Solid, one-piece body with 50 mm wide steel poles for maximum rigidity
- Highly concentrated magnetic energy for maximum clamping force of uneven workpieces
- With 1 mm air gap, workpieces are held twice as strong as on any other existing magnetic workholding tool



Electropower system "EPS"

Chucks of the "EPS" range generate the highest, uninterruptable magnetic holding power and are expressly suited for heavy-duty chip removal operations such as milling, planing, boring and drilling.



Electropower chuck



Chuck control



Battery back-up

DC
110 V

AC
230 V

AC
230 V



WALKER MAGNETICS



Electropower

Typical applications

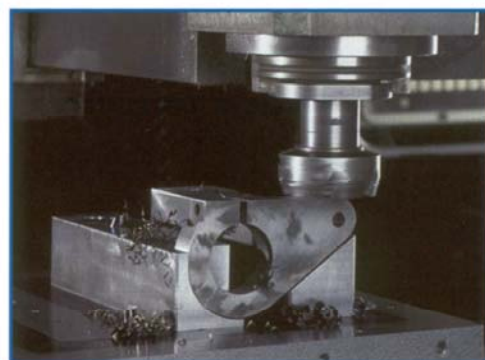
Contour and surface milling on pole extensions (adjustable ones on request)



Using a pole extension as an active magnetic stop or reference on the working surface



Machining an awkwardly shaped component on dedicated pole adapters



TECHNICAL SPECIFICATIONS

Code	Width x Length mm	Power max. W	Weight kg	Code	Width x Length mm	Power max. W	Weight kg
46.45.166	300 x 600	300	126	46.45.320	500 x 500	360	175
46.45.170	300 x 800	380	168	46.45.322	500 x 600	400	210
46.45.174	300 x 1000	440	210	46.45.326	500 x 800	480	280
46.45.240	400 x 400	300	112	46.45.330	500 x 1000	580	350
46.45.244	400 x 600	340	168	46.45.400	600 x 600	440	252
46.45.248	400 x 800	420	224	46.45.404	600 x 800	520	336
46.45.252	400 x 1000	500	280	46.45.408	600 x 1000	650	420

Typical height: 90-100 mm

Other sizes and voltages on request.

Recommended back-up power: Chuck power x 1,3

Supplied with:

- Threaded holes
- Side and back workstop rail
- 3 m Armoured cable