

Commutator riser slotting machine



GAMMA 400

Commutator weight	0 - 300 kg
Commutator length	50 - 400 mm
Commutator riser diameter	80 - 400 mm (option 500mm)
Cutter thickness	0 - 5 mm
Max recommended slotting depth	0 - 50 mm
Cutter horizontal movement	0 - 300 mm
Cutter vertical movement	0 - 250 mm
Spindle speed (Stepless)	0 - 1000 rpm

Available spindles for cutters:	diam 80 / 22 mm	diam 125 / 24 mm
	diam 100 / 22 mm	diam 150 / 24 mm

- Horizontal+Vertical milling axle CNC controlled for different depths and pitch programming,
+ automatic movement vertical +horizontal to obtain a flat slot-bottom

Option: horizontal axle CNC drive , vertical axle with manual adjustment

Crosswise slide for out of centre slotting (for twisted risers)

Automation: By PLC with automatic diagnosis of faults and note book
of 100 commutator data and programs.

Video control of cutter slotting position with image magnifying on 15" LCD-TFT screen

Commutator rotation: By step motor with adjustable speed

Bar index: by high precision fiber-optic unit

Cutter vertical / horizontal feed:	stepless 0 - 20 mm/sec
Cutter lubrication:	by oil mist blown on cutter

Machine supply:	V 400 3ph 50 Hz (other on request)
Machine dimension:	1700 x 1000 x 1800 mm (LxWxH)
Machine weight:	1500 Kg