

Full automatic mica undercutting machines for large DC motors



	BETA-50	BETA-100	BETA-150
Armature diameter	80 - 600 mm	80 - 1000 mm	100 - 1600 mm
Commutator diameter	70 - 500 mm	70 - 900 mm	100 - 1500 mm
Undercutting length	0 - 300 mm	0 - 400 mm	0 - 500 mm
Max distance between rollers	1700 mm	2000 mm	2000 mm
Max armature weight	2500 kg	4000 kg	6000 kg
Carbide cutters (od / id)	diam 21 / 7	diam 21 / 7	diam 21 / 7 mm
Cutter rotation speed	5000	5000	5000 rpm
Cutter advancement speed	0 - 30 mm/sec	0 - 30 mm/sec	0 - 30 mm/sec
Machine weight	900 kg	1000 kg	1100 kg
Overall dimension (LxWxH)	2500x1500x1600	3000x1800x1600	3000x2000x1600 mm
Electric supply:	V 380 3ph 50 Hz or others		
Pneumatic supply:	compressed air 5 bar		

Special program to follow by photocell bar skew (For new commutators).

Bar index by high precision photocell (precision 0.1 mm).

Armature drive by step motor with reglable speed and driving chain.

Automatic cutter lift during return.

Automation by PLC and LCD (Touchscreen) with memory of 99 armatures data.

Automatic diagnosis of faults for easy trouble shooting.

***Dust exhauster type T-20 250 mc/hour , depression 1800mm of water high**

***Bearing supports for small armatures up to 150 kg .**

* Available option