

Sigma tip dresser & changer for aluminum application

Patented system



Features

Dresser + electrodes changer with electric engine for robotic welding

Special solution for plants with aluminium welding

High electrode release torque for operating conditions in high temperature / high welding current

Compensation system

Very efficient chip suction with integrated Venturi system

Pneumatic electrodes magazine with high capacity

Container for collection of replaced electrodes

Electric box according to the desired standard

Change of the horizontal/vertical orientation without adding parts

Technical data

Distance from the center of the gear to the end of the carter	39 mm
Height of the head	20 mm
Cutter rotational speed	265 rpm
Cutter rotation direction	Clockwise
Releasing system	Bidirectional with brakes
Releasing gear torque	Max 120 Nm

Sigma series technical specifications

<i>Specifications</i>	<i>CEE South America Africa - India</i>	<i>China</i>	<i>USA</i>
Power	0,8 kW	0,8 kW	0,8 kW
Frequency	50/60	50	50/60
Power supply	Y 400-415 V Y 460-480 V } 50/60 Hz 2A	Y 400 VAC 50 Hz 2A	Y 400-415 V Y 460-480 V } 50/60 Hz 2A
Optional power supply	/	/	Δ 230-300 V 60 Hz 3.46A
Optional power supply	/	/	Δ 220-255 V 50 Hz 3.46A
Duty cycle	S3-7%	S3-7%	S3-7%
Certification	CE	CCC	AM-UL
Compressed air consumption	400 l/min	400 l/min	400 l/min
Compressed air supply	6 bar	6 bar	6 bar
IP protection level	55	55	55
Pipes and fittings	ISO	ISO	ISO
Solenoid valves	ISO	ISO	ISO