



Orbital riveting machines high power

HIGH POWER RANGE	S1200	S2000
	The high power CNC machines allows to work on large diameters, for example, the manufacturing of bearings or all other applications, where high power is required (alloy steel and stainless steel).	
	Very fast selection of the type of product by changing the tool on the machine and selection of the product program. High productivity with the numerical Z axis (optimisation of the strokes)	
Power (DaN)	12 000	20 000
Rivet shank diameter (mm) Steel 500 N/mm ²	Ø22 mm	Ø40 mm
Part diameter on rings or pipe (mm) Steel 500N /mm ²	Øext 30 mm / Øint 10 mm *	Øext 60 mm / Øint 30 mm *
Z axis	Numerical (By servo motor)	Numerical (by servo motor)
Stroke in Z axis (mm)	0 to 280	0 to 280
Max speed in Z axis	50 mm/s	
Accuracy	40 µm	40 µm
Repetability	10 µm	10 µm
Power of spindlemotor (Adjustable speed from 250 to 1100 tr/mn)	15 KW	22 KW
Standard equipment	Frame with 4 columns for a high rigidity/ Riveting unit does not move. Product on its fixture is lifted up to the riveting unit. Motion is monitored by an electrical cylinder (servo motor) SIEMENS CONTROLLER / HMI 12"	
General Options	Anti rotation device Pressure pad from 5 to 10 Tons	
	Electronic control of the riveting effort	

*Technical tests done on rings or pipe