

Plasma 50° Rotator

5-axis plasma head with infinitive rotation enables bevel cutting of sheets, pipes and profiles with tilting up to 50°. Torch height control for constant angle is provided via plasma arc voltage and for long variable bevels via incremental sensors.



Technical parameters

Degrees of freedom	4 (Y, Z, A and B axes) + X on the machine
Max. thickness of material	according to a plasma source
Torch inclination range (A)	$\pm 50^\circ$
Torch rotation range (B)	unlimited
Total stroke (Z)	400 mm
Angular velocity	max. 130°/s (A and B axes)

Positioning speed in Z

max. 6 m/min

Precision of cutting

ISO 9013:2002 - tolerance class 2

Please note: Some parameters (e.g. Max. thickness of material, Total stroke etc.) vary with the machine type the tool station is installed upon.