



Technical Data



Controller	Tecnos	Hypertherm	Beckhoff
Cutting Length	Min. 3000mm Max. 14.000		
Cutting Width	Min. 1500mm Max. 4.000		
Plasma Supply	Max Pro 200	XPR 170 XD / XPR 300 XD	
Gas Console	Manuel	Core / VWI / Optimix	
CNC Control Unit	Tecnos CNC	EdgeConnect	Beckhoff CNC
	15'' TFT- Windows 10	19.5'' TFT-Windows 10	15.6'' TFT-Windows 10
Nesting Software	LANTEK Expert Cut II	ProNest 2021	LANTEK Expert Cut II
Servo Motors/Drivers	Yaskawa	Rexroth	Beckhoff
Linear Rail Guides	Rexroth		
Torch-height Travel	Ballscrews on Dual Lineer Guides		
Speed (Feed Rate)	30 m/min	30 m/min	50 m/min
Mechanical Accuracy	± 0.05 mm	± 0.05 mm	± 0.05 mm
Fume extractor	Optional	Optional	Optional
Pipe/Tube Cutting Device	Optional	Optional	Optional
Multiple Plasma Torches	N/A	N/A	N/A
Bevel Cutting Head	N/A	N/A	N/A
Multiple Oxy Fuel Torches	N/A	N/A	N/A
Multi Drilling Device	N/A	N/A	N/A

Baykal Plasma Models	Maximum Cutting Capacities		
	Max Pro 200	XPR 170 XD	XPR 300 XD
Mild steel (argon-assist)	-	40	50
Mild steel (standard O2)	32	35	45
Stainless Steel	20	22	38
Aluminum	20	25	38



* Machines built with CE-safety conformity are available as option. Design and specifications are subject to change without notice.

** Material cutting thickness is dependent on many factors including material specifications, condition and machine parameters.