



Technical Data



Controller	Tecnos	Hypertherm	Beckhoff
Cutting Length	Min. 3000mm Max. 28.000		
Cutting Width	Min. 1500mm Max. 6.000		
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	Optional	Optional	Optional
Bevel Cutting Head	Optional	Optional	Optional
Multiple Oxy Fuel Torches	Optional	Optional	Optional
Multi Drilling Device	Optional	Optional	Optional

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.