

Model	Axes	Payload	Maximum Reach	Repeatability
TM-2000 GIII	6	6 kg	2011 mm	±0.10 mm

Controller	Maximum Axis Speeds (J1–J6)	Mounting	Weight
G3 / GIII	195 / 197 / 205 / 425 / 425 / 629 °/s	Floor / Ceiling*	~217 kg

Material	Process / Equipment	Minimum Welding Thickness	Maximum Welding Thickness
Steel (mild / high-strength)	S-AWP + HBC (Super Active Wire Feed + Heat Balance Control)	0.8 + 0.8 mm lap, 150 A, 100 cm/min, 1 mm gap	9.0 mm corner fillet, ~320 A, CO ₂ , YM-50 Ø1.2 — single-pass
Aluminum (A5052 etc.)	Super Active TAWERS Aluminum (MIG/Pulsed MIG)	0.6 mm butt, 50 A, 150 cm/min	3.0 mm T-joint, ~155 A, 60 cm/min — medium-thickness

This chart is a guideline only. For more specific information, please contact your Nema Çelik representative.