Hymson
LASER MACHINERY



FP-Series

Performance Specifications

TECHNICAL DATA

Parameter \ Model	FP12036	FP12052
Number of Chucks	4	4
Tube Diameter Range	Round Tube: Ø 30–Ø 360 mm Square Tube: □30–□360 mm Rectangular Tube: 30–360 mm Angle Sections: 30 × 30–300 × 300 mm Channel Sections: 50–350 mm I-Beams: 100–350 mm	Round Tubes: Ø 50–Ø 520 mm Square Tubes: □50–□520 mm Rectangular Tubes: 50–520 mm Angle Sections: 30 × 30–300 × 300 mm Channel Sections: 140–500 mm I-Beams: 100–500 mm
Applicable Tube Wall Thickness	Tube Ø < 80 mm: Min. Wall Thickness: 2 mm Tube Ø ≥ 80 mm: Wall Thickness / Ø ≥ 1/40	Tube Ø < 200 mm: Min. Wall Thickness: 5 mm Tube Ø ≥ 200 mm: Wall Thickness / Ø ≥ 1/40
Max. Loading Weight	1200 kg	2000 kg
Max. Tube Length	12000 mm	12000 mm
Z-Axis Travel	575 mm	575 mm
X/Y Axis Postioning Accuracy	±0.05 mm/m	±0.05 mm/m
X/Y Axis Re-postioning Accuracy	±0.05 mm	±0.05 mm
Max. Chuck Speed	60 r/min	40 r/min
Max. X- and Y-Axis Speed	60 m/min	60 m/min
Max. Z-Axis Speed	60 m/min	60 m/min
Max. X/Y-Axis Acceleration	0.8 g	0.6 g
Overall Dimensions (L × W × H)	12000 mm: 29000 × 5000 × 3000 mm	12000 mm: 29000 × 5000 × 3000 mm

Note: Specifications last updated in November 2026 and are subject to change as products evolve.
For the latest specifications, please contact Hymson Laser Machinery.

info.bj@hymson.com
www.hymsonlasermachinery.com