

HF-HP SERIES SPECIAL PROFILE LASER CUTTING MACHINE



International Technology • Australian Service

Efficient Solution For Steel Structure Industry

Special production line for steel structure, set cutting + punching + beveling one, H beam steel, channel steel, plate and other three-dimensional laser cutting.



High Strength Machine Structure

- Segmented high-strength machine tool structure design, high-strength gantry steel structure beam, stable structure.

Special Steel Nesting Software

- Drawing import, one click machining, supports direct import of NC programs output by Tekla, and input of 3D software in general formats such as STEP and IGS.

Various Processing Types

- Specially used for cutting various profiles such as I-beams, H-beams, channel steels, angle steels, T-beams, etc., it can simultaneously meet the needs of cutting flat plates and profiles.

Automatic Steel Processing Line

- Realize the groove, cutting, hole cutting, and marking processing of section steel, and can also form an automatic processing line for section steel with assembly welding equipment.

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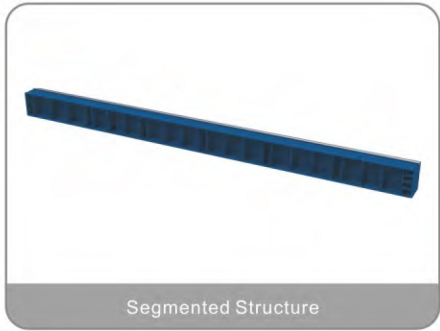
- Scope: Processing section web H≤1500mm, wing B≤600mm, length L≤12000mm, 0-45° groove, I beam, H beam, channel steel, Angle steel, T beam and other profiles cutting.



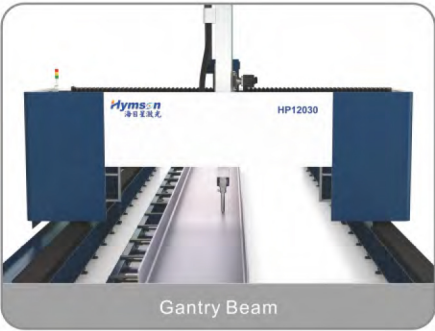
Channel Steels



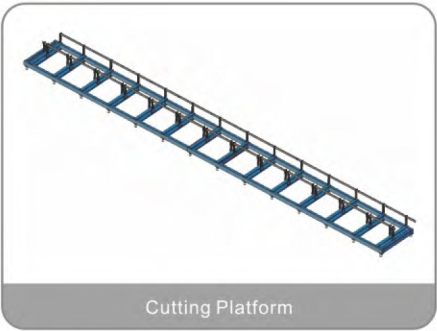
H-beams



Segmented Structure



Gantry Beam



Cutting Platform

Performance Indexes

Model		HP12100	HP26100	HP26150
Section size	Abdominal plate H	≤1000mm	≤1000mm	≤1500mm
	Wing plate B	≤500mm	≤500mm	≤500mm
	Length L	≤12000mm	≤12000mm	≤12000mm
Profile processing range		12000mmx2500mm	26000mmx2500mm	26000mmx2500mm
Bevel cutting range		0-45°bevel	0-45°bevel	0-45°bevel
X/Y axis max. positioning speed		60m/min	60m/min	60m/min
X/Y axis max. acceleration		0.8g	0.8g	0.8g
X/Y axis positioning accuracy		0.05mm	0.05mm	0.05mm
Dimension(L*W*H)		16mX5mX4.5m	30mX5mX4.5m	30mX5mX4.5m

