

CNC HIGH SPEED HORIZONTAL BAND SAW MACHING



Superb Sawing Case

Material:
GB 4Cr5MoSiV1
JIS SKD61
ASTM H13
DIN X40CrMoV5-1

Dimension : $\varnothing 402\text{mm}$
Accuracy : $100\text{mm}/0.03\text{mm}$
Saw Speed (S) : $100\text{m}/\text{min}$
Removal Rate (F) : $110\text{cm}^2/\text{min}$
Machining Time (T) : 11min 40sec



MACHINE FEATURES

- High-performance motor combined with transmission by a spiral bevel gear reducer, providing constant power output and heavy cutting ability.
- Sawblade running speed is controlled by a Siemens S120 Combi Drive, which allows for variable speed change.
- Material feeding and cutting drive are driven by Siemens servomotor.
- The roller bed and independent two split vises can prevent material drag and squeezing problems.
- The double column saw frame structure is fitted with roller type linear guideways that provide stable elevation without resistance.
- Uses laser to probe material height, available for every shape.
- The driving wheel rotation mechanism is equipped with an encoder for instant feedback control and speed compensation. This ensures no vibration for cutting and stable output of cutting force.
- Choice of alloy or bimetal band sawblade in combination with built-in cutting parameters for cutting various materials.
- Adjustable dynamic hydraulic damping roller can effectively suppress blade vibration and noise during cutting.
- The job sheet type QR code can be used to scan and create cutting parameters.
- Dynamic guided operation interface makes the machine easy to operate.
- Blade types, material information and cutting database can be created.

www.gen-tiger.com

GENTIGER MACHINERY INDUSTRIAL CO., LTD.