

Vertical Machining Center DY-856SL

(Three Line Rails model)

TECHNICAL PARAMETER



DY-856SL Technical Parameter

NAME	ITEMS	UNIT	Parameter
Working table and Processing range	Table size	mm	500x1000
	X axis travel	mm	800
	Y axis travel	mm	550
	Z axis travel	mm	600
	T slot(number-width-pitch)	mm	5-18x100
	Max.worktable load	kg	600
	Distance from spindle nose and worktable surface	mm	110-710
	Distance from spindle axis to Column surface	mm	600
Spindle	Taper and specification of main shaft		BT40-Φ150
	Max.spindle speed	rpm	12000/15000
	Spindle connection mode		Direct-connection type
	Spindle power	kw	7.5
Magazine	Disc magazine	handle	24
Triaxial displacement	Fast displacement speed (X/Y/Z)	m/min	48/48/48
Other	Overall weight(approx.)	T	4.4

DY-856SL Machine Configuration

No.	Name	Brand
1	Control system	FANUC digital control system of Japan, Mitsubishi M80 system of Japan
2	Lead screw	Shangyin/Yintai C3
3	Line rail	Shangyin/Yintai P4
4	Spindle	Abeike/Dejiu
5	Magazine	Beiju/Dejie
6	Lead screw bearing	Germany FAG/NSK
7	Cooling pump	Duyang
8	Lubrication system	(China) Hegu/Baoteng
9	Transformer	Jinbao
10	Coupling	Chengzhi
11	Guard	Jigong/Aipeier
12	Main shaft oil cooling	Reike
13	Fuselage	Resin sand precision body

Remark:

1. If special configuration is required, please specify it in the order when ordering.
2. The Company is conducting research and improvement work at any time, so it reserves the right to change the technical parameters of the optical machine at any time without prior notice.

Product Performance

DY-856SL Vertical machining center adopts advanced design concept and is developed by our engineers with rich experience for many years, which is suitable for China manufacturing and processing industry with excellent cost performance. And after million times of testina, the equipment has gained market recognition and customer favor.

1. Precision resin sand casting:

The casting is made of HT300 precision resin sand and cast with high quality cast iron, so that the machine tool can obtain high rigidity and long-term Stable precision. And after sufficient secondary processing (tempering, vibration aging) for the machine is not easy to deform in the perennial use of the machine, can ensure the Stability of the machine.

2. Highly integrated intelligent electric panel:

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It is developed and improved on the basis of traditional electric cabinet. It has the advantages of simple wiring, strong dry tightness resistance, low failure rate, high reliability and high operation safety factor.

3. Advanced numerical control system:

This product adopts FANUC of Japan system, Japan Mitsubishi system, Huazhong system, Xindai system and other well-known systems, the system uses modular structure control panel highly integrated, high reliability, simple and convenient operation.

4. Famous spindle from Taiwan:

The famous spindle imported from Taiwan is adopted, which has the advantages of high reliability, low noise, small vibration and high precision. It is suitable for high precision, high rigidity and high speed machining.

5. High-speed servo tool magazine:

High-speed servo tool magazine realizes high-speed tool change, fast and stable, greatly reduces the non-machining period, and greatly increases the machining efficiency.

6. Guide rail and lead screw:

Class C3 high-rigidity pre-tightening ball lead screw of famous brand in Taiwan is adopted, which can realize high-precision position control and ensure the stability of the machine tool. The linear guide rail adopts the P grade guide rail of Taiwan or Germany, which improves the axial running speed of the machine tool and ensures the positioning accuracy of the machine tool.

After-sales Service

Installation and commissioning:

As usual our offer not include local installation and commissioning. But we can provide online guidance. After the pandemic, dispatching engineering from DUYANG is available.

Time of warranty:

One year for the whole machine from the loading date. All spares can be dispatched by Fedex/DHL in the earliest time after confirming damage, except for human purpose failures.

After service:

Along with professional English operation manual and electric circuit diagram, DUYANG offers lifetime online after-sales service by English-speaking engineers.

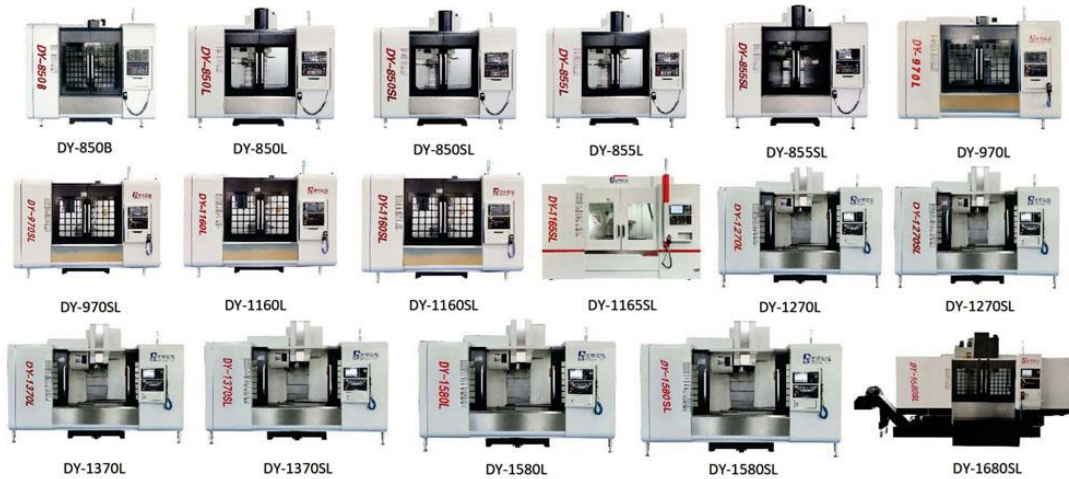
Due to the different configuration, special order, numerical control system and continuous optimization of products, some technical parameters will be affected.

More Products



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GANTRY MACHINING CENTER



5-AXIS MACHINING CENTER



Contact Us



If you need know more informations please contact us, we welcome all the new and old customers going to discuss and visit our factory.

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