



The Reliable Partner

MD 6700



**Next Generation
Die&Mold
Machining Center**

MD 6700

ver. EN 170317 SU

Basic structure

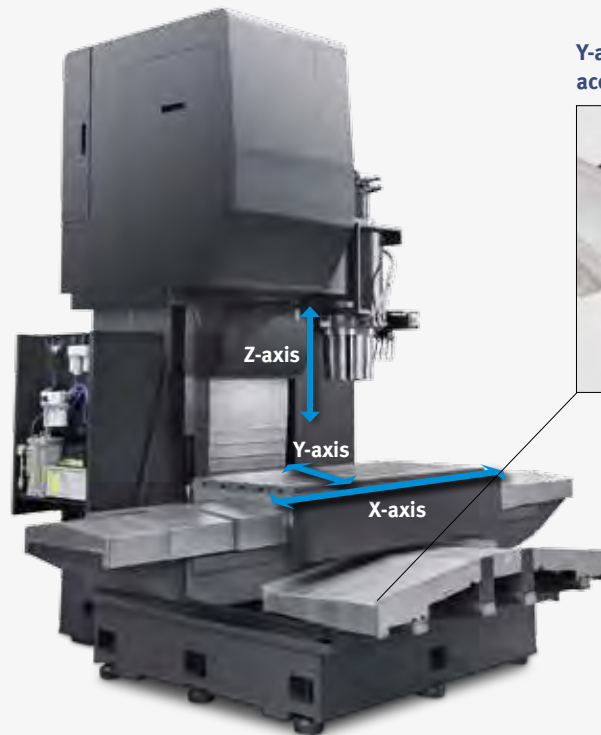
To improved stability, we apply rigidity casting. Optimized structural design.

Traver distance (X x Y x Z axis)

1300 x 670 x 670 mm (51.2 x 26.4 x 26.4 inch)

Rapid traverse rate (X / Y / Z axis)

24 / 24 / 24 m/min (944.9 / 944.9 / 944.9 ipm)



Y-axis hybrid guide way to get rigidity & accuracy



Cooling equipment as Std.
(Thermal compensation as Std.)

Cooling equipment(Ball screw, Bearing) and Thermal compensation as Std. to provide stable quality.

Spindle

To provide various cutting performance we have built in spindle & gear driven spindle.

Max. spindle speed

12000 r/min

8000 r/min option

Max. spindle motor power

30 kW (40.2 Hp)

30 kW (40.2 Hp) option

Max. spindle motor torque

420 N·m (310 ft-lbs)

958 N·m (707 ft-lbs) option



Built-in spindle

Magazine

Servo magazine as standard for high productivity and accuracy.

Tool storage capacity

24 ea

30 ea option

T-T-T

2.7 sec

C-T-C

4.7 sec

Servo type magazine



*Stable accuracy during tool change

Table

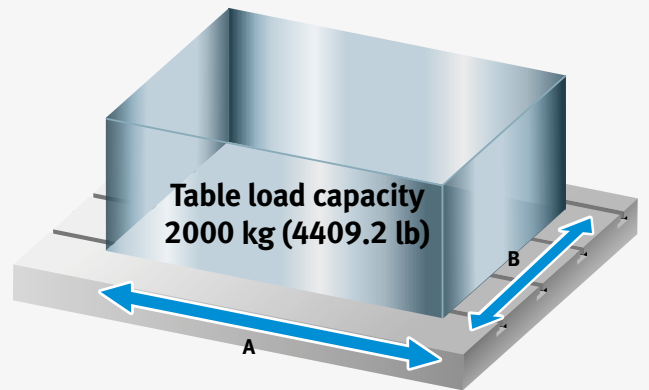
Maximizing cutting area & work load capacity.

Table size (A x B)

1500 x 670 mm
(59.1 x 26.4 inch)

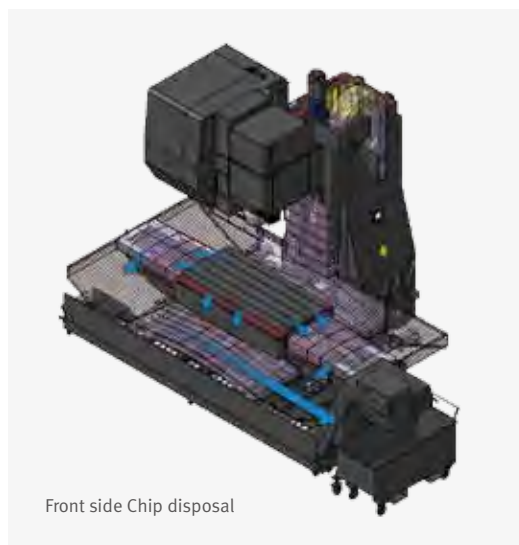
Table load capacity

2000 kg
(4409.2 lb)



Convenience

Improving customer convenience & operation.



Major Specifications

MD 6700



Description	Unit	MD 6700
Max. spindle speed	r/min	12000 {8000}*
Max. spindle power	kW (Hp)	30 {30}* (40.2 {40.2})
Max. spindle torque	N·m (ft·lbs)	420 {958}* (310 {707})
Tool shank type	-	BT 50
Travel distance (X / Y / Z)	mm (inch)	1300 / 670 / 670 (51.2 / 26.4 / 26.4)
Table size	mm (inch)	1500 x 670 (59.1 x 26.4)
Table Loading Capacity	kg (lb)	2000 (4409.2)
Tool storage capacity	ea	24 {30}*
NC system	-	FANUC 31i

*{ } : Option



Doosan Machine Tools

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* For more details, please contact Doosan Machine Tools.

* The specifications and information above-mentioned may be changed without prior notice.

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