

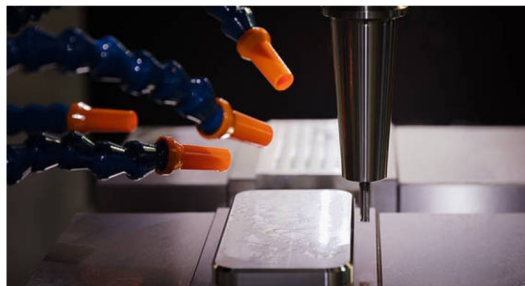
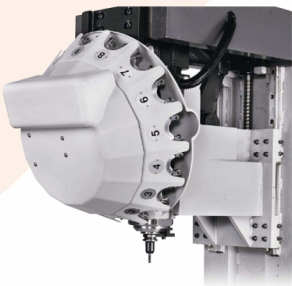
## FEATURES

High speed automatic tool change mechanism, T-T only 1,2 sec.

The main shaft is driven by direct motor, and the acceleration and deceleration response of the spindle is fast. The rigid tapping reaches 5.000 rpm.

The three axis rapid feed is 48 m/min and the acceleration is 1,2G maximum spindle speed up to 20.000 rpm (opt.24.000 rpm).

The tool magazine can be driven by servo motor and the tool selection speed is fast.



		T60	T70	T80	T110	T160	T2012
Max.Loading	kg	300	300	400	400	400	500
X/Y/Z Travel	mm	600x400x320	700x400x320	800x500x420	1.100x500x400	1.600x550x300	2.000x1.200x350
Rapid Feedrate	m/min	48	48	48	48	36	36
Cutting Feedrate	m/min	15	15	15	15	12	10
Spindle		BBT30	BBT30	BBT30	BBT30	BBT30	BBT30
Spindle Speed	rpm	20.000	20.000	20.000	20.000	20.000	20.000
Spindle Motor	kW	3,7/5,5	3,7/5,5	3,7/5,5	3,7/5,5	3,7/5,5	3,7/5,5
Tool Storage	pcs	21	21	21	21	21	21
Max. Tool Length	mm	250	250	250	250	250	250
Max. Tool Diam.	mm	60/80	60/80	60/80	60/80	60/80	60/80