



# DM5-7

## Drilling Machine



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ITEM	UNIT	DM5	DM7	Standard & Optional Equipment
<b>3 Axis Travel</b>				
<b>X-axis travel</b>	mm	510	710	<b>Standard</b>
<b>Y-axis travel</b>	mm	420		Direct driven 10.000 rpm (M-F)
<b>Z-axis travel</b>	mm	350		Direct driven 12.000 rpm (S)
<b>Distance from spindle center to table surface</b>	mm	180 - 530		Turret type 24 tools BT-30
<b>Spindle</b>				MAS P30-1
<b>Spindle speed</b>	rmp	Direct Driven 10.000 (M-F) Direct Driven 12.000 (S)		Spindle tool change air blow Side flush system
<b>Spindle nose</b>	BT	BT-30		MPG hand wheel
<b>Spindle motor (continuous / 30 min)</b>	kW	3,7 / 5,5		Full body enclosure Work light
<b>Table</b>				3-color indicator lamp
<b>Table size</b>	mm	650 x 420	850 x 420	Levelling bolts and pads
<b>T-slot size</b>	mm	14 x 3 x 100		Tool box
<b>Max. table capacity</b>	kg	250		Heat exchanger
<b>Rapid Travel</b>				1-year mechanical parts warranty
<b>Rapid Travel (X / Y / Z)</b>	m/min	48 / 48 / 48		Automatic lubrication system
<b>Cutting speed rate</b>	m/min	1 - 10		
<b>Feed motor (X / Y / Z)</b>	kW	1,5 / 1,5 / 2,2 (M) 1,2 / 1,2 / 2,8 (F) 2,29 / 2,29 / 3,3 (S)		<b>Optional</b> Direct driven 12.000 rpm (M-F) Direct driven 15.000 rpm (M-F-S)
<b>Tool Magazine</b>				Direct driven 20.000 rpm (M-F-S)
<b>Tool change type</b>		turret type		Direct driven 24.000 rpm (M)
<b>Tool capacity</b>	set	14		Turret type 14 tools (Servo)
<b>Max. tool weight</b>	kg	3		Arm type 20 + 1 tool
<b>Max. tool length</b>	mm	200		CTS (Coolant Through Spindle)
<b>Max. tool diameter</b>	mm	77		Spindle oil coolant
<b>Tool change time (T-T)</b>	sec	1,7		Lift up chip conveyor
<b>Tool change time (C-C)</b>	sec	3		Rapid traverse 60x60x60 m/min
<b>Other</b>				Tool length measurement system
<b>Compressed air supply</b>	kg/cm	6		4th axis (CNC rotary table)
<b>Machine dimensions (L x W x H)</b>	mm	1686x2540x2435	2136x2540x2435	5th axis (CNC tilting table) Column add 150 mm
<b>Weight</b>	kg	2900	3000	Column add 250 mm

The technical information and pictures shown are not binding and may be changed due to modifications and/or improvements as considered necessary.



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