



Product information:

**THERA**  
GANTRY

**SPECIFICATIONS**

	THERA
Table length - mm	3.500 - 20.500
Table width - mm	2.000 (3.000-4.000)*
Distance between columns - mm	3.000 (4.000-5.000)*
Longitudinal travel - mm	3.000 - 20.000
Cross travel - mm	3.750 (4.750-5.750)*
Vertical travel - mm	1.250 (1.500)*
Max. distance from table to spindle nose - mm	1.570 (1.820)*
Working Feed - mm/min	Up to 20.000
Rapid feed - mm/min	X - 20.000; Y, Z - 50.000
Drives of X, Y, Z axis B = Ball screw R = Rack	X: R / 4 Y: R / 4 Z: B / 50 (2 ball screws)
Power - kW	43
Speed of the spindle head - min <sup>-1</sup>	6.000
Positioning and repeatability accuracy - mm	0,008/4.000 0,005/4.000
Tool magazine	30 (40-60-80-120)*
Allowed weight on the table - kg	15.000 / m <sup>2</sup>

(Optional) \*

**ACCESSORIES**

	THERA
<b>HEADS</b>	
45° Automatic Head 360 x 1° - 144 x 2,5°	○
45° Automatic Head 360.000 pos, 0,001°	•
30° automatic head 360.000 pos. 0,001° and / or continuous rotation	○
30° automatic head, 360.000 positions each 0,001° and/or continuous rotation with electrospindle.	○
Movable Quill	—

	THERA
Direct Outlet head	○
Change of heads	•
Coolant tank	1.000 l, 30 l/min - 22 bar / 60 l/min - 5 bar
Chip Conveyor	•

• Standard    ○ Optional    — No available

## HEAD IMAGES



45° Automatic Head  
360.000 pos, 0,001°



30° automatic head  
360.000 pos. 0,001° and /  
or continuous rotation



30° automatic head,  
360.000 positions each  
0,001° and/or continuous  
rotation with  
electrospindle.



Direct Outlet head



Extended "L" shaped  
head

## RELATED APPLICATIONS



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RAILWAY



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LARGE COMPONENTS

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