



Product information:

THERA

GANTRY

SPECIFICATIONS

	THERA
Table length - mm	3.500 - 4.500 - ... 20.500 ...
Table width - mm	2.000 (3.000-4.000)*
Distance between columns - mm	3.000 (3.500 - 4.000 - 4.500-5.000)*
Longitudinal travel - mm	3.000 - 4.000 - ... 20.000 ...
Cross travel - mm	3.750 (4.250 - 4.750 - 5.250 - 5.750)*
Vertical travel - mm	1.250 (1.500 - 1.750 - 2.000)*
Max. distance from table to spindle nose - mm	1.740 (1.990)*
Working feed (longitudinal axis) - mm/min	25.000
Working feed (cross and vertical axis) - mm/min	45.000
Rapid feed (longitudinal axis) - mm/min	30.000
Rapid feed (cross and vertical axis) - mm/min	50.000
Drives:	
. Longitudinal axis	two motors rack and pinion
. Cross axis	two motors rack and pinion
. Vertical axis	2 ball screws
Power - kW	43 (60)*
Speed of the spindle head - min-1	6.000
Accuracies acc. to ISO 230-2: 2006 Annex B Step cycle	
. Positioning accuracy - mm	0,008/4000 mm
. Repeatability accuracy - mm	0,05/4000 mm
Tool magazine	30 (40-60-80-120)*
Allowed weight on the table - kg/m ²	15.000
Approx. net weight - kg	30.000 - 150.000

(Optional) *

ACCESSORIES

	THERA
HEADS	
45° head, 360.000 positions	•
45° head continuous rotation	○

	THERA
30° head, positioning / continuous rotation	○
30° head with electrospindle	○
40° head with electrospindle, 42 kW, 15000 rpm	○
Direct Outlet head	○
Direct outlet head with reduction	○
"L" shaped head	○
Extended "L" shaped head	○
Change of heads	•
Chip Conveyor	•
Coolant tank 22 + 5 bar	•

• Standard ○ Optional — No available

PRODUCT IMAGES



HEAD IMAGES



45° automatic head
360.000 positions, 0,001°



30° automatic head
360.000 pos. 0,001°



30° head with
electrospindle



40° head with
electrospindle, 42 kW,
15000 rpm



Direct Outlet head



Direct outlet head with
reduction



"L" shaped head



Extended L shaped head



30° head, greater
accessibility to the interior
of the parts

RELATED APPLICATIONS



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