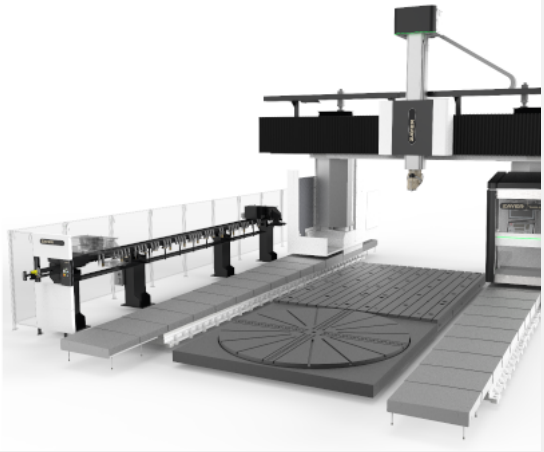

Product information:

THERA W

GANTRY

SPECIFICATIONS

	THERA W
Moving cross beam, displacement - mm	1.100 (1.350)*
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	2.450 (2.700)*
Rapid feed (longitudinal axis) - mm/min	30.000
Rapid feed (cross and vertical axis) - mm/min	50.000
Working feed (longitudinal axis) - mm/min	25.000
Working feed (cross and vertical axis) - mm/min	45.000
Drives:	
. Longitudinal axis	rack and double motor and pinion
. Cross axis	rack and double motor and pinion
. Vertical axis	2 ball screw
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
. Repeatability accuracy - mm	0,005/4000
Tool magazine	30 (40-60-80-120 ...)*
Allowed weight on the table - kg/m²	15.000

(Optional) *

ACCESSORIES

	THERA W
HEADS	
45º head, 360.000 positions	•
45º head continuous rotation	○

	THERA W
30º head, positioning / continuous rotation	O
30º head with electrospindle, 33 kW, 18.000 rpm	O
30º head with electrospindle, 33 kW, 24.000 rpm	O
40º head with electrospindle, 42 kW, 15000 rpm	O
Direct outlet head with reduction	O
Direct outlet head with electrospindle	O
Change of heads	•
Chip Conveyor	•
Coolant tank 22 + 5 bar	•
Pendulum work	O
Operator's platform	O

• Standard O Optional — No available

PRODUCT IMAGES

HEAD IMAGES

45º automatic head
360.000 positions, 0,001º

40º head with
electrospindle, 42 kW,
15000 rpm

Direct outlet head with
electrospindle

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

30º automatic head
360.000 pos. 0,001º

Direct Outlet head

"L" shaped head

30º head with
electrospindle

Direct outlet head with
reduction

Extended L shaped head

RELATED APPLICATIONS

STRUCTURALS PARTS
AERONAUTIC