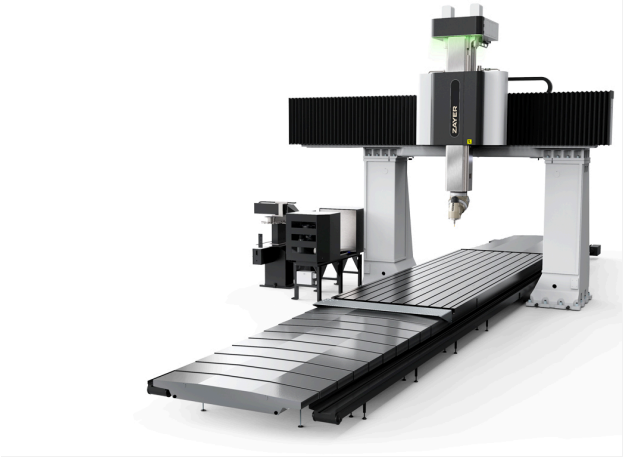


Product information:

TEBAS

BRIDGE TYPE

SPECIFICATIONS

	TEBAS
Table length - mm	4.100 - 5.100 - 6.100
Table width - mm	2.200 (2.500 - 3.000)*
Distance between columns - mm	3.000 (3.500 - 4.000)*
Longitudinal travel - mm	4.000 - 5.000 - 6.000
Cross travel - mm	3.750 (4.250 - 4.750)*
Vertical travel - mm	1.250 (1.500 - 1.750 - 2.000)*
Max. distance from table to spindle nose - mm	1.465 (1.765)*
Rapid feed - mm/min	up to 50.000
Working Feed - mm/min	up to 45.000
Drives:	
. Longitudinal axis	rack and double motor and pinion
. Cross axis	two motors rack and pinion
. Vertical axis	2 ball screw rack and double motor and pinion (vertical = 2000)
Power - kW	43 (60)*
Speed of the spindle head - min-1	6.000 (8.000)*
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 (40-60-80-100-120)*
Allowed weight on the table - kg	20.000
Approx. net weight - kg	40.000 - 85.000

(Optional) *

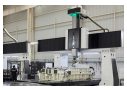
ACCESSORIES

	TEBAS
HEADS	
45º head, 360.000 positions	•
45º head continuous rotation	○
30º head, positioning / continuous rotation	○

	TEBAS
30º head with electrospindle, 33 kW, 24.000 rpm	○
40º head with electrospindle, 42 kW, 15000 rpm	○
Direct Outlet head	○
Direct outlet head with reduction	○
Direct outlet head with electrospindle	○
"L" shaped head	○
Change of heads	•
Chip Conveyor	•
Coolant tank 22 + 5 bar	•

• Standard ○ 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 automatic head
360.000 pos. 0,001º

Direct Outlet head

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

30º head with
electrospindle

Direct outlet head with
reduction

RELATED APPLICATIONS

INVAR MOULD FIXTURE
AERONAUTIC

BOGIE
RAILWAY

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MOULDS AND DIES

STRUCTURALS PARTS
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CAPITAL GOODS
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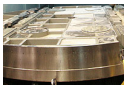
DIE
MOULDS AND DIES

ROTOR
WIND ENERGY


MACHINE TOOL
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CAPITAL GOODS
LARGE COMPONENTS

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