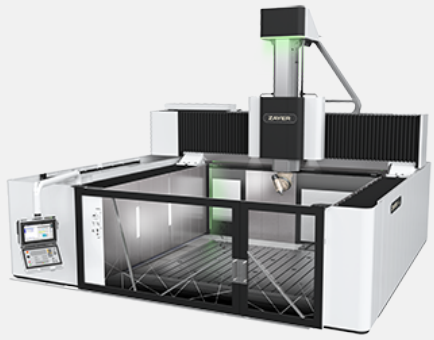


Product information:

NEOS

GANTRY

SPECIFICATIONS

	NEOS
Table length - mm	2.500 – 3.500 ... 19.500 ...
Table width - mm	2.000 (2.500 - 3.000 ... 4.500)*
Distance between columns - mm	3.000 (3.500 - 4.000 ... 5.500)*
Longitudinal travel - mm	3.000 - 4.000 ... 20.000 ...
Cross travel - mm	2.000 (2.500 - 3.000 ... 4.500)*
Vertical travel - mm	1.250 (1.500 - 1.750 - 2.000)*
Max. distance from table to spindle nose - mm	1.465 (1.715 - 1.965 - 2.215)*
Rapid feed - mm/min	50.000
Working Feed - mm/min	up to 45.000
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	4.500 - 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)*
Allowed weight on the table - kg/m²	15.000
Approx. net weight - kg	40.000 - 180.000

(Optional) *

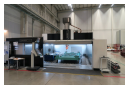
ACCESSORIES

	NEOS
HEADS	
45º head 360.000 positions, 0,001º / continous rotation	•
"L" shaped head	○
Direct Outlet head	○
30º head, positioning / continuous rotation	○

	NEOS
30º head with electrospindle, 360.000 positions	○
Direct outlet head with reduction	○
Direct outlet head with electrospindle	○
Extended "L" shaped head	○
40º head with electrospindle, 42 kW, 15000 rpm	○
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

30º automatic head
360.000 pos. 0,001º

30º head with
electrospindle

40º head with
electrospindle, 42 kW,
15000 rpm

Direct Outlet head

Direct outlet head with
reduction

Direct outlet head with
electrospindle

"L" shaped head

Extended L shaped head

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

RELATED APPLICATIONS

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