

Product information:

ARES
BRIDGE TYPE

SPECIFICATIONS

	ARES
Moving cross beam, displacement - mm	900
Table length - mm	4.000 - 5.000 - 6.000
Table width - mm	2.000 (2.500)*
Distance between columns - mm	2.500 (3.000)* - ARES 2.750 (3.250)* - ARES W
Longitudinal travel - mm	4.000 - 5.000 - 6.000
Cross travel - mm	3.350 (3.850)*
Vertical travel - mm	1.200 (1.500)*
Max. distance from table to spindle nose - mm	1.440 (1.740 - 2.040)* (high torque) 1.240 (1.540 - 1.840)* (high speed)
Rapid feed - mm/min	up to 35.000 (high torque) / 40.000 (high speed)
Working Feed - mm/min	up to 30.000 (high torque) / 35.000 (high speed)
Drives:	
. Longitudinal axis	Rack and double motor and pinion
. Cross axis	ball screw
. Vertical axis	ball screw
Power - kW	30 (43)* (high torque) / 33 (high speed)
Speed of the spindle head - min-1	6.000 (high torque) / 18.000 (high speed)
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	20.000

(Optional) *

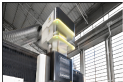
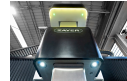
ACCESSORIES

	ARES
HEADS	
HEADS (High torque):	
45° head 360,000 positions, 0.001°	•
45° head continuous rotation	○

	ARES
30° head, positioning / continuous rotation	○
Direct Outlet head	○
HEADS (High speed):	
30° head with electrospindle, 360.000 positions	•
40° head with electrospindle, 42 kW, 15000 rpm	○
Chip Conveyor	•
Coolant tank 22 + 5 bar	•
Automatic change of heads	○
Protections: enclosure open on top	•
Protections: enclosure with roof	○

• Standard ○ Optional — No available

PRODUCT IMAGES



movement of cross beam

HEAD IMAGES



30° automatic head
360.000 pos. 0,001°



30° head with
electrospindle



40° head with
electrospindle, 42 kW,
15000 rpm



Direct Outlet head



45° automatic head
360.000 positions, 0,001°

RELATED APPLICATIONS

Más información en www.zayer.com