

# Priminer machining center

Best  
Quality



Alpha Center V15L



Mini Center

Priminer vertical machining centers from the German company Kaast are characterized by high performance (ROYAL spindle) and high stiffness. They stand stable and powerful in all areas. They are equipped with high-quality linear guide in a roller version and optionally with an ISO 40 or BT 40 spindle taper.

Cast iron is tempered for stress relief to ensure structural stability without deformation. C3 class ballscews ensure the highest accuracy and durability. Pre tension on all axes minimizes thermal distortion

Great flexibility in the matter of CNC controlers, only the market leaders without any compromise, namely Siemens Sinumerik 828D, Fanuc 0i MF and Heidenhain TNC 620.

## Standard equipment:

- Fully enclosed splash guard
- Belt drive spindle 10000 rpm
- 24 pockets arm tool changer
- Air-conditioned for electrical cabinet
- Rigid tapping
- 10.4" touch screen
- Ethernet, CF card and USB interface
- Automatic lubrication system
- Coolant system
- Oil separation
- LED working lamp
- End of program light
- Electronic handwheel (MPG)
- Tool box
- Leveling bolts and blocks
- Coolant gun
- Air gun
- Chip flushing system
- User manuals

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## Optional equipment:

- Spindle speed 12000 rpm, direct drive
- Spindle cooling system
- Coolant through spindle
- 15,6" touch screen
- ShopMill for Siemens incl. 3D simulation
- Chain type chip conveyor
- 30 pockets tool changer
- 4th axis
- 4/5th axis
- Workpiece probe
- Tool probe



Heidenhain control



Fanuc control



Siemens control

		Mini Center	V7L	V10L	V11L	V15L
Table size	mm	650 x 300	900 x 420	1100 x 500	1200 x 600	1700 x 600
T-slot (width x nos x distance)	mm	14 x 3 x 100	14 x 3 x 125	18 x 5 x 100	18 x 5 x 100	18 x 5 x 100
Table load	kg	200	350	600	800	1200
Travel X-Y-Z	mm	500-300-400	760-450-520	1020-520-550	1100-600-600	1500-760-670
Spindle nose to table	mm	120-520	100-620	120-670	150-750	80-750
Spindle center to column	mm	340	517	566	652	797
Spindel taper		SK40 / BT40 / CAT40				
Spindle speed	min <sup>-1</sup>	10000				
Spindle servo motor	kW	9/22 Siemens - 7,5/11 Fanuc	9/22 Siemens - 7,5/15 Fanuc	9/22 Siemens - 7,5/11 Fanuc	9/22 Siemens - 11/15 Fanuc	15/38 Siemens - 11/15 Fanuc
X/Y/Z rapid feed	m/min.	20 (X/Y) 12 (Z)	48	30	36	24
Positioning accuracy	mm	0,012	0,010	0,010	0,010	0,015
Positioning repeatability	mm	0,008	0,006	0,006	0,006	0,008
Automatic tool changer		Umbrella	Arm-type			
Tools	pcs.	12	24			
Max. tool length	mm	280	300			
Max. tool diameter	mm	78 (125)				
Max. tool weight	kg	8				
Weight machine	kg	1800	4600	5000	6500	8500
Dimensions	mm	1660x2000x2500	2575x2760x2900	2570x2160x2850	2700x2330x2900	3700x2640x3100