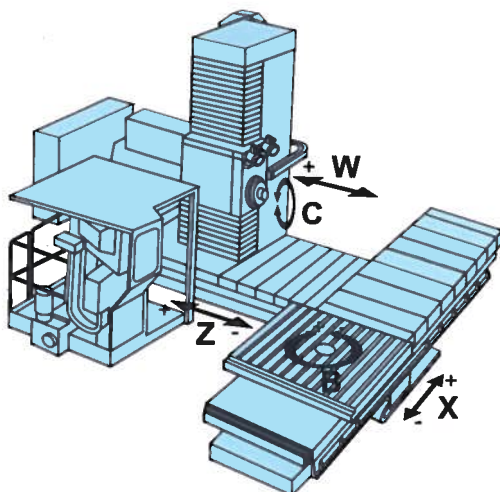


TECHNICAL PARAMETERS

BASIC SPECIFICATIONS

Headstock with traveling spindle		Headstock R	Headstock N
Spindle diameter	mm	130	130
Spindle taper		ISO 50	
Spindle speed range	R.P.M.	10 - 3,000	10 - 1,500
Main motor power (S1 / S6-60)	kW	37 / 46	
Spindle stroke W	mm	800	800
Headstock with non-traveling spindle			
Spindle taper		ISO 50	
Spindle speed range	R.P.M.	10 - 5,000	
Main motor power (S1 / S6-60)	kW	28 / 35	
Column			
Headstock vertical travel Y	mm	2,000; 2,500; 3,000; 3,500	
Column longitudinal travel Z	mm	1,250; 1,600; 2,200; 3,200	
Table			
Workpiece weight max. (S12 / S25)	kg	up to 25,000	
Table clamping surface	mm	1,800 x 1,800; 1,800 x 2,200; 1,800 x 2,500; 2,000 x 3,000; 2,500 x 3,000	
Table transverse travel X	mm	2,000; 3,500; 4,000; 5,000; 6,000	
Tilting table			
Workpiece weight max.	kg	16,000	
Tilting range		0 - 5°	
Automatic pallet change			
Pallet clamping surface	mm	1,800 x 1,800; 1,800 x 2,200 (2,500)	
Workpiece weight max.	kg	16,000	
Number of pallet in system		2	
Time of pallet change	sec	120	
Feeds			
Feed range - X, Y, Z, W	mm.min ⁻¹	4 - 5,000	
- B	min ⁻¹	0.003 - 1.5	
Rapid traverse - Y, Z, W	mm.min ⁻¹	10,000	
Rapid traverse - X = 2,000; 3,500 (S12)	mm.min ⁻¹	10,000	
Rapid traverse - X = 2,000; 3,500 (S25)	mm.min ⁻¹	8,000	
Rapid traverse - X = 4,000; 5,000; 6,000	mm.min ⁻¹	8,000	
Rapid traverse - B S12 / S25	min ⁻¹	2 / 1.5	



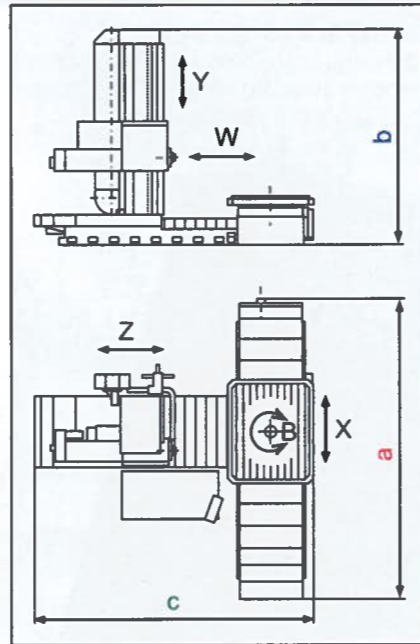
MACHINE LAYOUT

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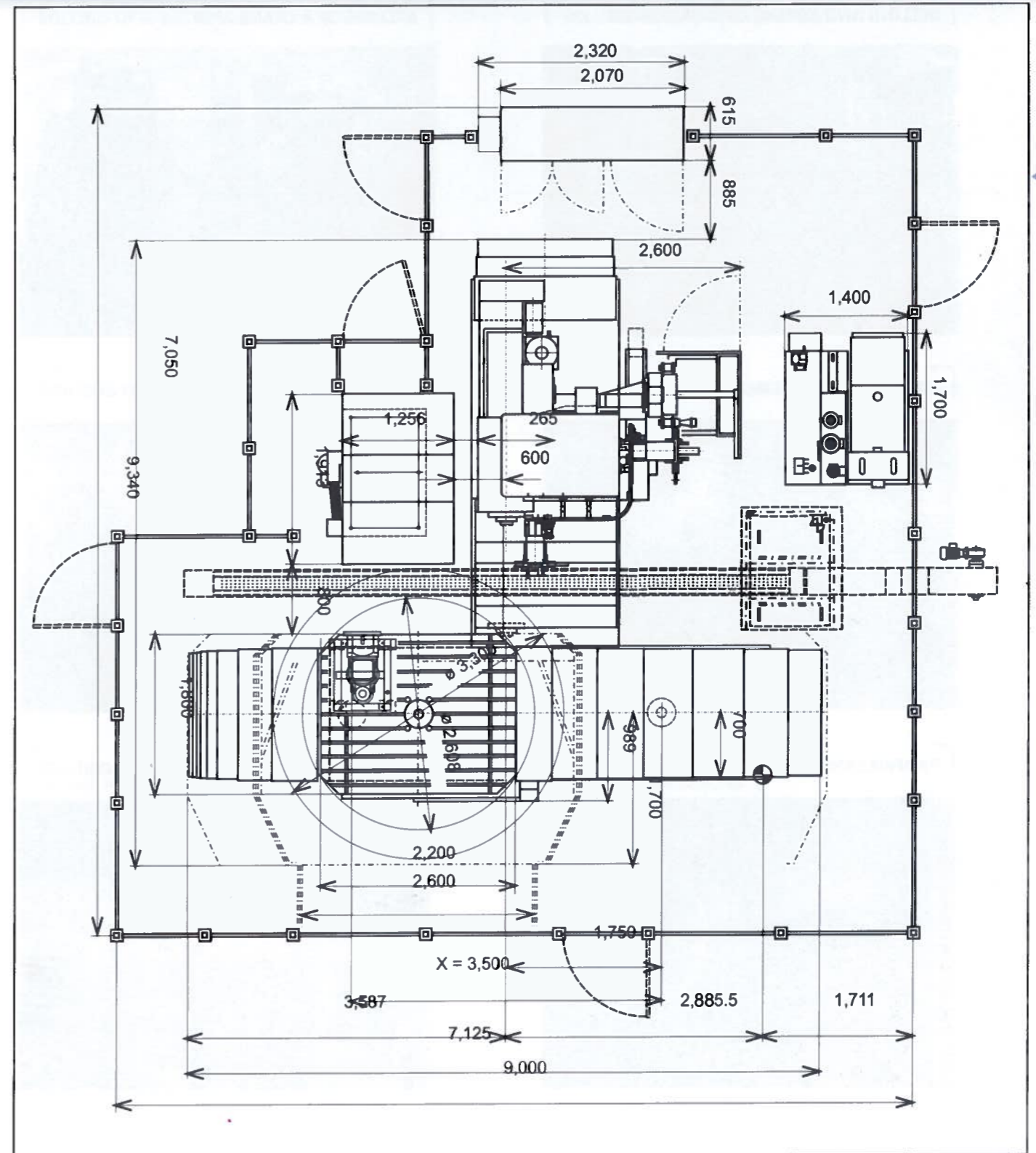
DIMENSIONS AND WEIGHTS

Coordinate travel (mm)		Dimension (mm)	
X	2,000	5,630	a
	3,500	7,125	
	4,000	7,650	
	5,000	8,650	
	6,000	9,750	
Y	2,000	4,850	b
	2,500	5,350	
	3,000	5,850	
	3,500	6,350	
Z	1,250	6,807	c
	1,600	7,307	
	2,200	7,807	
	3,200	8,807	

Machine weight (kg)		
X	Y	Table dimensions (mm)
3,500	2,500	1,800 x 2,200
WHN 13 CNC		WHQ 13 CNC
36,850		38,650



MACHINE LAYOUT



MACHINE COVERS

On the customer's request we deliver following types of covers:

COMPLETE COVERING
the top quality design
without any residual risks



KVR CABIN
protective covers for working space



MOBILE / MOVABLE
protective partitions



C-COVER
compact and technically advanced design



OPTIONAL ACCESSORIES

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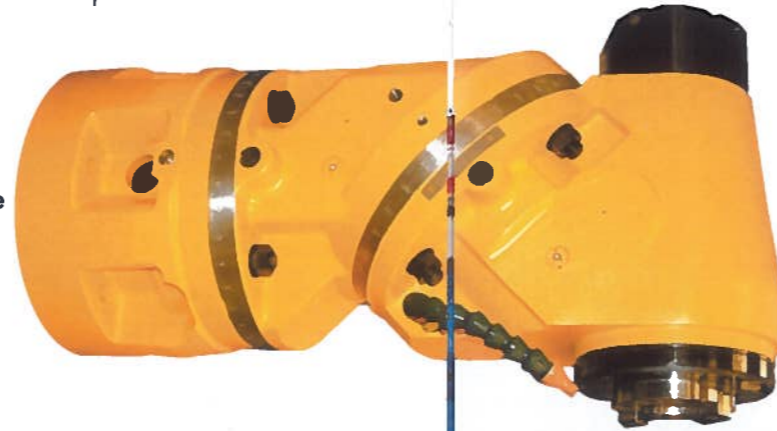
MILLING HEADS

HF 50



The HF 50 and HUR 50 heads are used for machining the surfaces that are oriented in the basic direction (also generally) with regard to the orthogonal coordinate system of the machine.

HUR 50

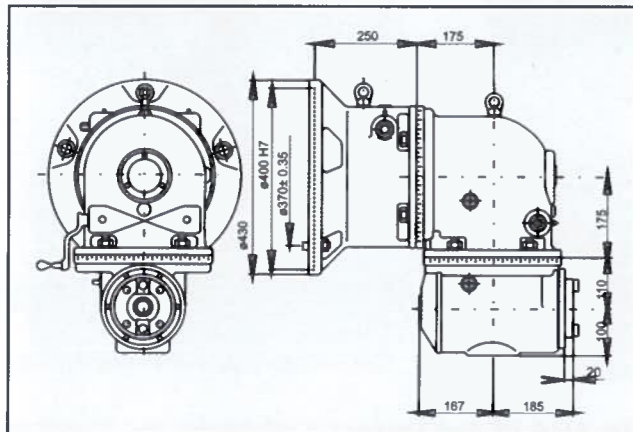


The HUI 50 head is automatically indexed on both the planes with an increment of 2.5°, providing higher efficiency during the turning of the head spindle with regard to the orthogonal coordinate system of the machine.

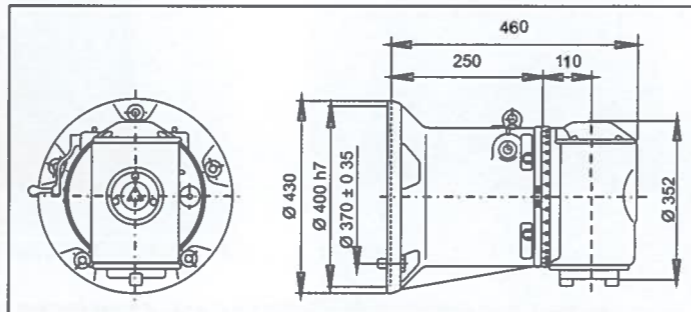
HUI 50



UFP 50-13
universal milling head

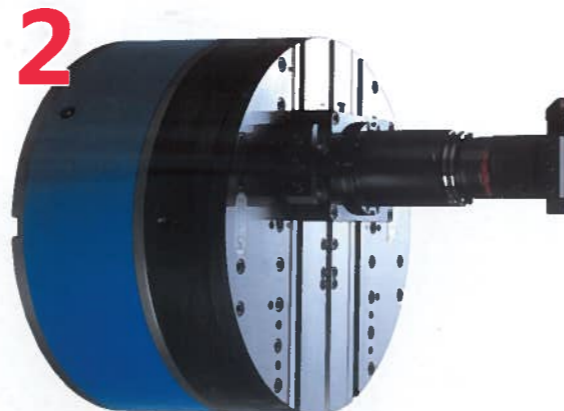
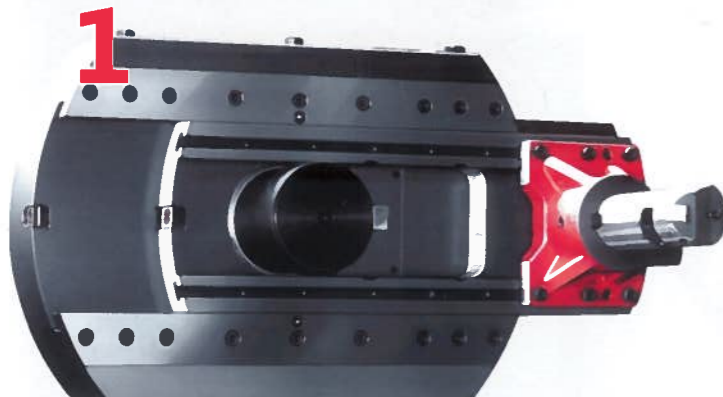


FP 50-13
vertical milling head



FACING HEAD

Facing head LD 650 (1) or D'Andrea (2) are used for demanding technological operations with the possibility of continuous CNC control of the slide position.



FASTENING OF MILLING HEADS

MANUAL FASTENING

Manual fastening of the head on the machine is carried out by means of a lifting device.

HALF-AUTOMATIC FASTENING

The head is fixed to the machine also in a half-automatic way from an auxiliary rack. The auxiliary rack is manually locked on hinged arms on the table.



AUTOMATIC FASTENING

Automatic fastening of the head (facing head) on the machine is carried out by means of an accessory magazine. Its execution is subject to prior consultation with the manufacturer.

i **ANOTHER OPTIONAL ACCESSORIES**
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