

List of main machines

*Exceptional machines





Type	Boring and milling machines			Turn-milling center	Vertical lathes				Parallel Lathe	Dynamic balancer
Constructor Characteristics	Scharmann*	Zayer	Pégard	Bost*	Schiess Froriep(18)	Schiess Froriep(805)	Schiess Froriep(806)	Dörries	Safop Léonard*	Schenk*
Model	HC 4.2 TDV 7	K.M.U 11000	AF16 MM TRT 2400	VTL65CY-5000	16DKE160	20DKE 160	32D	SD300	80/3000S	H8V
CNC	Heidenhain TNC430	Heidenhain TNC355	Heidenhain TNC530	Siemens 840D SL	Bosch	Bosch	Bosch	NO, Copying	Siemens 840D SL	Schenk
Engine power	90 KW	22 KW	25 KW	Table 128 kW / Spindle 67 kW	44 KW	52,5 KW	92 KW	55 KW	75 KW	1,1 KW
Rotational speed	1000 rpm Maxi	12 to 1800 rpm	5 to 1000 rpm	Table 100 rpm / Spindle 4000 rpm	5 to 225 rpm	2.5 to 200 rpm	1 to 100 rpm	100 rpm	100 rpm	260 to 2300 rpm
Admissible weight	100 T	20 T	15 T	100 T	10 T	12 T	40 T	25 T	60 T	Mini 300 kg Maxi 40 T
Shaft diameter	225	-	160	-	-	-	-	-	-	-
Plateau diameter	-	-	-	5000	1600	1800	3000	3000	2514	-
Maximum turning diameter	-	-	-	8000	1600	2000	4020	3500	3260	3150
Maximum passage/bench diameter	-	-	-	-	-	-	-	-	3610	3150
Length of the table	-	-	-	-	-	-	-	-	-	6200
Width of the table	-	-	-	-	-	-	-	-	-	-
Horizontal movement	15000	9300	8900	9880	-	-	-	-	13000	-
Vertical displacement	5000	1954	2520	4000	800	1200	3420	2250	-	-
Dim. passage width	-	-	-	6250	-	-	-	-	-	-
Dim. Passage height	-	-	-	4000	800	1200	4020	2250	-	-
Sliding section	600x480	530x515	-	410x410	-	260x270	260x270	170x130	-	-
Machine output + coolant flow	1300+1300	1000	1200	2500	675	1245	1600	1400	-	-
Adjustable head	YES	YES Universal	YES	YES	-	-	-	-	-	-
Number of platforms	-	-	-	2	1	1	2	3	-	-
Lens diameter	-	-	-	-	-	-	-	-	1600	-
Other	Rotating table 2400x2400 100T	-	2 rotating tables, 2380x2380, 15T	Y-axis -1000/+4400, horizontal milling head + 5 axes	-	-	-	-	Rectification Head	Computer-controlled system with protocol printing

Units in mm/January 17, 2024