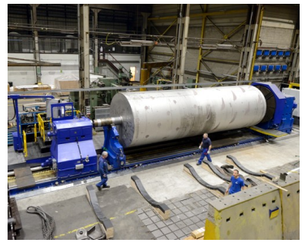
List of main machines

***Exceptional machines**











Type	Boring and milling machines		Turn-milling center	Vertical lathes		Parallel Lathe	Dynamic balancer
Constructor / Characteristics	Scharmann*	Zayer	Bost*	Schiess Froriep(18)	Schiess Froriep(805)	Safop Léonard*	Schenk*
Model	HC 4.2 TDV 7	K.M.U 11000	VTL65CY-5000	16DKE160	20DKE 160	80/3000S	H8V
CNC	Heidenhain TNC430	Heidenhain TNC355	Siemens 840D SL	Bosch	Bosch	Siemens 840D SL	Schenk
Engine power	90 KW	22 KW	Table 128 kW / Spindle 67 kW	44 KW	52,5 KW	75 KW	1,1 KW
Rotational speed	1000 rpm Maxi	12 to 1800 rpm	Table 100 rpm / Spindle 4000 rpm	5 to 225 rpm	2.5 to 200 rpm	100 rpm	260 to 2300 rpm
Admissible weight	100 T	20 T	100 T	10 T	12 T	60 T	Mini 300 kg Maxi 40 T
Shaft diameter	225	-	-	-	-	-	-
Plateau diameter	-	-	5000	1600	1800	2514	-
Maximum turning diameter	-	-	8000	1600	2000	3260	3150
Maximum passage/bench diameter	-	-	-	-	-	3610	3150
Length of the table	-	-	-	-	-	-	6200
Width of the table	-	-	-	-	-	-	-
Horizontal movement	15000	9300	9880	-	-	13000	-
Vertical displacement	5000	1954	4000	800	1200	-	-
Dim. passage width	-	-	6250	-	-	-	-
Dim. Passage height	-	-	4000	800	1200	-	-
Sliding section	600x480	530x515	410x410	-	260x270	-	-
Machine output + coolant flow	1300+1300	1000	2500	675	1245	-	-
Adjustable head	YES	YES Universal	YES	-	-	-	-
Number of platforms	-	-	2	1	1	-	-
Lens diameter	-	-	-	-	-	1600	-
Other	Rotating table 2400x2400 100T	-	Y-axis -1000/+4400, horizontal milling head + 5 axes	-	-	Rectification Head	Computer-controlled system with protocol printing

Units in mm / January 17, 2024