

Machine type	A 36 PC	S 36 PC	S 51 PC
Max. bar capacity			
standard, round mm	36	36	51
square mm	25	25	36
hexagon mm	30	30	44
Max. bar length m	4	4	4,2
Swing diameter mm	358,2	300	340
Bar feed-in mm	115	115	140
Endworking slides			
Endworking slide travel (position) mm	145 (I...VI, VIII)	145 (I...V)	175 (I...V)
Endworking slide travel (position) mm	250 ²⁾ (VII)	250 (VI)	280 (VI)
Max. endworking slide speed m/min	25	25	25
Measuring system resolution of endworking slide µm	0,1	0,1	0,1
Max. feed force endworking slide N	4500	4500	8000
Diameter of concave cut-out on endworking slide mm	112	112	112
Slide travel for rear side machining mm	130	130	130
Auxiliary endworking slide drives			
Number of auxiliary endworking slide drives	14	10	10
Traverse of auxiliary endworking slide drives mm	145	145	175
Max. speed of auxiliary endworking slide drives m/min	25	25	25
Measuring system resolution of auxiliary endworking slide drives µm	0,1	0,1	0,1
Max. feed force of auxiliary endworking slide drives N	4500	4500	8000
Cross slides			
Cross slide travel (position) mm	80 (I, II)	90 (I...V)	100 (I...V)
Cross slide travel (position) mm	70 (III...VIII)	70 (VI)	70 (VI)
Centre height cross slide mm	60 (I...VIII)	60 (I...V)	60 (I...V)
.....	-	35 (VI)	35 (VI)
Max. feed force cross slide m/min	20	20	20
Measuring system resolution cross slide µm	0,1	0,1	0,1
Max. feed force cross slide N	4500	4500	6000
Spindle speed (infinitely variable) min ⁻¹	560...4000	560...4000	335...3000
Idle time, standard sec	1,2	1	1,5
Power rating drive motor kW	28	28	28
Nominal pressure in HP circuit bar	100	100	100
Dimensions			
Length mm	5830	5780	5900
Width mm	1900	1576	1766
Height mm	2580	2400	2550
Weight of machine approx. kg	8500	7500	9300
Weight of auxiliary units ¹⁾ approx. kg	2500	2200	2700

1) switchgear cabinet, hydraulic pack, bar guide, swarf removal system and coolant plant

2) alternatively also in positions III, IV and VIII