




S42, S50, S80

NUMERICALLY CONTROLLED LATHES



TECHNICAL DATA		With 42	With 50	With 80
Max. turning diameter	mm	150	270	430
Max. dimension of rod material	mm	45	50	80
Max. the length of the machined shaft	mm	300	535	750/1000
Max. circular diameter	mm	360	540	680
MAIN SPINDLE				
Spindle front end (DIN 55026)	-	A5	A6	A8
RPM range	min ⁻¹	40-5000	75-4000	20-3500
Engine power / 50%ED	kW	7.5/11	7.5/11	22/26
Torque / 50%ED	Nm	52/76	286.5/420	740/874
Number of revolution rows	-	1	2	2
SUPPORT				
Travel in the Z axis	mm	350	545	820/1070
Travel in the X axis	mm	125	175	275
Fast forward Z, X	m.min ⁻¹	15	20	20
TOOL HEAD				
Number of positions	-	12	12	12
Positioning time by 30°	with	0.23	0.34	0.41
Clamping hole diameter	mm	20	40	50
Tool dimension	mm	20x20	25x25	25/32x25
HORSE				
Pin diameter	mm	50	100	100
Pinole stroke	mm	100	100	150
Pinole cone	-	Mo3	Mo4	Mo4
Pressure force	kN	0.6-3	2.5-9	2.7-12
MACHINE DIMENSIONS				
Length	mm	1932	2700	3300/3550
Width	mm	1520	1700	2230
Height	mm	1805	2125	2330
Machine weight	kg	2400	4800	7500/8000
DESIGN OF COMFORT MACHINERY				
Powered tools	-	Yes	Yes	Yes
C-axis	-	Yes	Yes	Yes
SPECIAL ORDERS AT THE REQUEST OF THE CUSTOMER				
Adjustable bezel	mm	-	-	φ12-140
Driving a horse	-	-	Yes	Yes

Due to constant technical developments, the data and illustrations in detail are non-binding. The machine conforms to 

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