

4.1 Pillar Drills

Make	Model	Year	drilling- Ø (mm)	taper (ISO/MT)	power (kW)	table length (mm)	table width (mm)	Remarks
THIELICKE	TG 8							Gewindebohrmaschine auf Untertisch
SOLID	TB 13 S	1985	13			330	260	Large table-type drill n:2500
METABO	S 21	1995	21	2	0,90	240	215	Pillar drill, unused
METABO	S 21 L	1995	21	2	0,70	350	250	Pillar drill
METABO	S 21 ST	1995	21	2	0,90	350	250	Pillar drill
METABO	S 32 L	1995	32	3	1,50	365	325	Pillar drill
METABO	S 32 LV	1995	32	3	1,50	365	325	Pillar drill with feed
METABO	S 32 V	1995	32	3	1,50	365	325	Pillar drill, feed
METABO	S32LSTV-	1995	32	3	1,50	365	325	Pillar drill
ALZMETALL(D)	AB 5 / S	1976	50	5	4,00	600		heavy Pillar Drill, Round Table, Infeed, MK 5 Spindle
KOLB	KST 60	1937	60	5		850	800	Column drill, stroke 350/500, MC 5
WEBO	V 7	1975	60	5	4,00	600	600	Heavy round column drill

4.2 Gang Drills

Make	Model	Year	drilling- Ø (mm)	taper (ISO/MT)	units	power (kW)	table length (mm)	table width (mm)	Remarks
WÖRNER	B 8	1972	8	0	2	2,00	820	220	2-spindle gang drill, n:780-10000 rpm
ALZMETALL(D)	AB 3	1984	30	3	4	1,00			Gang Drill, AutoFeed, Threading
	ESV / 4								

4.3 Multi Spindle Drills

Make	Model	Year	worklength (mm)	working- width (mm)	spindles	power (kW)	Remarks
STEINEL	BGS	1970					Multi-spindle drill, vertical, feed, fixed drilling pattern
	140						
STEINEL		1970					Multi-spindle drill, vertical, fixed drilling pattern
BOLEY	VG 13	1962	260	130	13	2,20	Multi-spindle drill, vertical/horizontal, pneumatic
BOLEY	VG 16	1975			16	2,20	Hydropneumatic table feed, adjustable spindles

4.4 Radial Drills

Make	Model	Year	drilling- Ø (mm)	throat (mm)	power (kW)	table length (mm)	table width (mm)	Remarks
HKS	HKS 32 MG	1978	40	650	2,00	1525	560	High speed m/c, stepless speeds, thread cutting device, MK4
KOLB	HK105	1960	100	2000	7,30	2400	1300	Heavy duty machine

4.5 Horiz. Boring Mills

Make	Model	Year	spindle- Ø (mm)	X (mm)	Y (mm)	Z (mm)	table length (mm)	table width (mm)	taper (ISO/MT)	power (kW)	Remarks
EIMELDINGEN	WG 1250	1985									Rotary table, dia. 1250 mm, 0,8 rpm, motor driven
TOS	W 100 A	1992	100	1600	1120	1250	1250	1250			Horiz.borer, table-type, digital display in 4 axes, accessories

4.6 Honing Machines

Make	Model	Year	honing-Ø (mm)	honing length (mm)	Remarks
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SUNNEN(USA)	HTC 1121	2005	4	950	Precision Honing Machine, horizontal, hi quality
GEHRING	M 3-40-12	1984	12	40	3 spindles, in-process measuring
EXTRUDE HONE(USA)	6-6	1998	50		Abrasive flow internal honing m/c f. deburring, polishing and rounding
GEHRING	Z 250	1961	50	250	180° rotary table, lots of accessories
SUNNEN(USA)	EC-3500	1994	51	150	Horiz. cross hatch pattern honing m/c w. automatic size control, workpiece feed
	EM 27				
NAGEL(D)	VS 8-80	1960	80	770	Vertical, coordinate table, gauge control
GEHRING	Z350-125	1979	125	350	Vertical, single spindle, electronic control
GEHRING	Z350-125	1988	125	350	Vertical, rotary table, CYLINDROMATIC Control

4.7 Deep Hole Drills

Make	Model	Year	drill-Ø core (mm)	drill-Ø solid (mm)	drilling depth (mm)	Remarks
SIG(CH)	B 172/0,25	1975	20	30	250	Horizontal double spindle m/c, loading device, coolant, tailstock
SIG(CH)	BEM 83/ 025	1976	20	10	250	3 spindles, hoiz., for continuous drilling of cyl. workpiece, aut.thru feed
TBT	T 30-2-250	1971	20	30	250	Horizontal 2-spindle m/c w. workpiece loader, coolant device, etc.
NAGEL(D)	2 BH 16 - 580	1976	20	15	880	Double-sided deep hole drill, horizontal, 14 and 5 mm
SIG(CH)	Z 100 - 4	1977	40	100	4000	Special drill for internal machining of pipes or barrels

4.8 Jigboring Machines

Make	Model	Year	X (mm)	Y (mm)	Z (mm)	table length (mm)	table width (mm)	Remarks
MOORE(USA)	1 1/2	1975	300	250	250	500	270	Mechanical, single column, old but good
DeVLIEG	Unitisch	1985	500					Rotary and swivelling table for jig boring machine
LINDNER	LB 143	1983	600	400	460	800	400	CNC jig boring machine
	NC							
HAUSER(CH)	Type 5	1961	700		600	800	600	Jig boring machine, double column design, accessories
SIP(CH)	MP - 53	1985	900	600	200	1020	860	Coordinate boring & milling m/c, BOSCH Ctrl. Micro 8, digital display for Z Axis
SIP(CH)	6A	1966	1000	700	300	1100	825	Vertical jig borer with DRO
BURKHARDT	HYOP120	1962	1150	650	500	1200	700	Coordinate jig borer, optical readout, hydr.
SIP(CH)	HY - 7 P	1965	1400	1000	900	1570	1050	Optical high precision double column vertical jig borer, accessories, DRO

4.9 Various Drills

Make	Model	Year	working area	Remarks
HIW	B 072 VET-11	1970		Heavy Duty Table Drill, Taper 2
HÜLLER	UG 4	1965		Thread-cutting machine, vertical
POSALUX(CH)	MICROFOR	1984		3-spindle precision drill (also for valves)
	PNC 3			
POSALUX(CH)	MICROFOR3-NC2	1979		Horizontal 3-spindle precision drill, max. 2 mm
TECHNIKA(CH)	4299/4200*	1985		Various special purpose drilling machines
VEJLE	KB 1	1970		Centering drill
WÖRNER		1970		Tapping machine, on table, M 6/8 capacity
WÖRNER	AGE 10			Drilling unit with feed
DUAP(CH)	ZS 100/800	1979	150 x 800	Centering/Facing Machine, Chip Removing Device