



strojimport
TOSHULIN GROUP

**CATALOGUE OF MACHINERY
AND EQUIPMENT**

**2019
/ 2020**

Machine tools,
forming machines
and investment units
into the wide world.



CONTENT

- 1 LATHES
- 2 HORIZONTAL BORING AND MILLING MACHINES
- 3 MILLING MACHINES
- 4 GRINDING MACHINES
- 5 DRILLING MACHINES
- 6 CENTRES
- 7 GEAR CUTTING MACHINES
- 8 FORMING MACHINES
- 9 PRESS MACHINES
- 10 ROLLING MACHINES
- 11 EQUIPMENT FOR SCRAP CUTTING
- 12 NAIL MAKING MACHINE
- 13 WE OFFER & PROVIDE

We reserve the right to change the terms and conditions.
We are not responsible for printing errors.

A photograph of a modern building with a blue sky in the background. A blue sign with the word 'strojimport' in white lowercase letters is mounted on the building's facade. A semi-transparent grey rectangular box is overlaid on the left side of the image, containing the text 'ABOUT US' in white capital letters.

ABOUT US

Dear business friends.

We have the pleasure to present you our company STROJIMPORT, Joint-Stock Company, Prague, Czech Republic and to give you a brief information about our activities.

During its more than 60 years' existence Strojimport experienced many changes, the last of them being the successful transformation into a modern Joint-Stock Company in 1989. It is important to stress that the fundamental specialization in machine engineering remains in the center of our commercial program.

The company has succeeded in establishing a long-time tradition and goodwill in many countries, inter alia thanks to a gradually and purposefully built network of representations including firms with capital share of Strojimport and representative offices. The company attained an important position in export and import of machine tools and forming machines, demonstrating that it ranks among firms that managed to cope before and cope also today in the new market-oriented economic environment in the Czech Republic.

At present, the fundamental component of the company sales comprises export of the traditional range of machines. Our position and esteem in this field have been confirmed by Strojimport being accepted as a member of Association of Engineering Technologies (SST) that has been an ordinary member of CECIMO since 1997. In addition to our traditional commodities the export program includes also other programs like comprehensive machine works, breweries, equipment for food-processing, and chemical industries, metallurgy, construction materials and others.

Stabilized contacts with important Czech and Slovak manufacturers and suppliers represent another factors underlying high-quality operations and long-term development of the firm.

And our future ambitions? As before we wish to go on offering our partners high quality, speedy and efficient co-operation. We intend to strengthen our cross-border network focusing on further countries in Latin America and Asia and we reckon on the purposeful broadening our range of goods, mainly in the familiar machine engineering sectors.

Our objective is to strengthen the position of Strojimport on world markets and enhance satisfaction of you, our customers, with the products of Czech and Slovak engineering firms.

LATHES

1

UNIVERSAL CENTRE LATHES

strojimport
TOS • ULIN GROUP



UNIVERSAL CENTRE LATHES		SN 32	SN 50C	SN 71C	SUI 80
Swing over bed	(mm)	330	500	710	800
Swing over cross slide	(mm)	168	270	420	520
Spindle bore	(mm)	52	52	73,5	92
Spindle speed range	(rpm)	14÷2500	22÷2000	10÷1000	14÷1400
Distance between centres (DBC)	(mm)	750, 1000	1000, 1500, 2000	1500, 2000, 3000, 4000	1500÷8000
Total power output - main drive	(kW)	4	5,5	7,5 (11)	15 (18,5)



UNIVERSAL CENTRE LATHES		SN 500 SA	SN 710 SA
Swing over bed	(mm)	505	720
Swing over cross slide	(mm)	270	430
Spindle bore	(mm)	77 (105)	77 (105, 130)
Spindle speed range	(rpm)	12,5÷2000	10÷1600
Distance between centres (DBC)	(mm)	1000, 1500, 2000	1500÷4000
Total power output - main drive	(kW)	7,5	7,5 (11, 15)

LATHES

1

LATHES AND TURNING CENTERS

strojimport
TOS ULIN GROUP



LATHES AND TURNING CENTERS		MASTURN 550 CNC 800 / 1500	MASTURN 550i LIVE TOOL 1 500	MASTURN 820i 2 000 / 3 000	MASTURN 820i 4500
Swing dia. over bed	(mm)	550	550	820	820
Swing over cross slide	(mm)	350	350	530	530
Distance between centres	(mm)	900 / 1600	1600	2000 / 3000	4500
Spindle bore	(mm)	82	82	128	128
Spindle nose (DIN 55027)	-	B8, C8	B8, C8	B11, C11	B11, C11
Control system	-	HEIDENHAIN / SIEMENS	HEIDENHAIN	HEIDENHAIN / SIEMENS	HEIDENHAIN / SIEMENS
Motor output	(kW)	17	17	28 / 22	28 / 22
Spindle speed range	(rpm)	0 ÷ 3000	0 ÷ 3000	0 ÷ 1800	0 ÷ 1800
Max. spindle torque	(Nm)	1620	1620	2500 / 3000	2500 / 3000
Max. travel axis X/Z	(mm)	285 / 890 (1 590)	267 / 1 517	370 / 2 000 (3 000)	370 / 4 500

LATHES

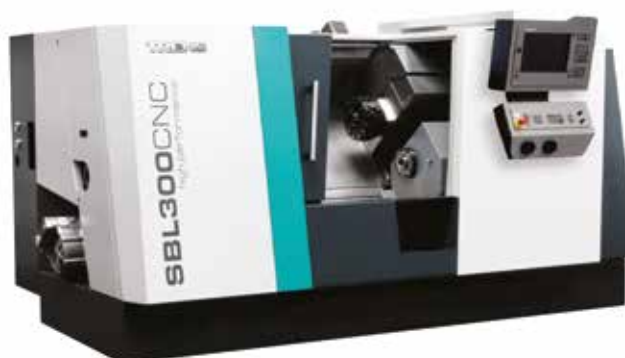
1

CNC LATHES

strojimport
TOS • ULIN GROUP



CNC LATHES		SE 320 Numeric	SE 520 Numeric	SE 520 SL Numeric	SE 820 Numeric	SE 1020 Numeric
Swing over bed	(mm)	320	520	520	800	1020
Swing over cross slide	(mm)	170	290	290	515	740
Spindle bore	(mm)	42 (57)	77 (105)	75 (103)	133	133
Spindle speed range	(rpm)	1÷880 / 1÷3500	7÷650 / 30÷2600	7 ÷ 650 / 30 ÷ 2600	1÷1600	1÷1600
Distance between centres (DBC)	(mm)	750	950, 1450	2000	2000,3000,4000, 6000,8000	2000,3000,4000, 6000,8000
Main motor output	(kW)	7	11	11	30	30



CNC LATHES		SBL 300 CNC	SBL 500 CNC	SBL 700 CNC	SBE 300 CNC	SBX 500 CNC
Swing over bed	(mm)	530	630	750	530	650
Swing over cross slide	(mm)	260	410	500	320	550
Spindle bore	(mm)	56 (65,92)	92 (133)	127	65	92 (133)
Spindle speed range	(rpm)	4000 (5000, 3500)	4200 (2500)	2500	4000	4000 (2800)
Distance between centres (DBC)	(mm)	485 (500)	750, 1500	2000	500	800 (1500)
Main motor output	(kW)	7 (9,11,15)	22 (30)	37	15 (11)	22 (30,8)

LATHES

1

CNC LATHES

strojimport
TOS • ULIN GROUP



CNC LATHES		SUA 63 Numeric	SUA 80 Numeric	SUA 100 Numeric	SUA 125 Numeric	SUA 150 Numeric
Swing over bed	(mm)	655	840	1050	1250	1500
Swing over cross slide	(mm)	380	530	720	930	1190
Spindle bore	(mm)	128	128	128	128	128
Spindle speed range	(rpm)	5 ÷ 1250	5 ÷ 1250	4 ÷ 630	4 ÷ 630	4 ÷ 630
Distance between centres (DBC)	(mm)	2000 ÷ 12500	2000 ÷ 14000	2000 ÷ 20000	2000 ÷ 20000	2000 ÷ 20000
Main motor output	(kW)	30	30	37	37	37



MULTISPINDLE AUTOMTIC LATHES		MORI-SAY 620AC	MORI-SAY 632AC	MORI-SAY 667AC	MORI-SAY 832AC	MORI-SAY TMZ625CNC	MORI-SAY TMZ642CNC	MORI-SAY TMZ842CNC	MORI-SAY TMZ867CNC
Number of spindle		6	6	6	8	6	6	8	8
Max. diameter of bar	(mm)	20	32 (42)	67	32 (42)	32	42	42	67
Drilling of clamping pipe	(mm)	28	43	78	43		53		78
Max. length of loading of bar material	(mm)	100	125	160	125	250	180	180	200
Maximum revolutions	(min-1)	500 ÷ 6500	250 ÷ 4250	200 ÷ 3200	270 ÷ 3750	6000	5000	4500	2500
Main motor	(kW)	9	22	30	37	7	7 / 10	88	20 / 30

CNC SLIDING HEADSTOCK MACHINES		MANURHIN K'MX 413	MANURHIN K'MX 432	MANURHIN K'MX 532 TREND	MANURHIN K'MX 632 DUO	MANURHIN K'MX 732 EVO	MANURHIN K'MX816 CLEVER	MANURHIN K'MX SWING
Number of controlled axes		4	4	4	6	7	8	7 (10)
Max. machining length on one feeding	(mm)	130	400	400	400	400	220	250
Spindle bore	(mm)		Ø 37	Ø 37	Ø 37	Ø 37	Ø 21	Ø 33
Bar capacity	(mm)	Ø 13 (16)	Ø 32	Ø 32	Ø 32	Ø 32	Ø 16 (20)	Ø 26 (32)
Power of electrospindle motor (100 / 60%)	(kW)	3,7 / 5,5	3,7 / 5,5	3,7 / 5,5	3,7 / 7,5	3,7 / 5,5	3,7 / 5,5	5,5 / 7,5
Maximum spindle speed	(min-1)	12000	10000	10000	10000	10000	12000	8000

LATHES

1

LATHES AND TURNING CENTERS

strojimport
TOS • ULIN GROUP



LATHES AND TURNING CENTERS		SP 280	SP 280 MC	SP 280 Y	SP 280 SMC	SP 280 SY
Swing dia. over bed	(mm)			570		
Max. turning dia.	(mm)			280		
Max. turning length A5/A6	(mm)		565			490
Spindle with belt drive - A5/A6	(rpm)	4700			----	
Motor spindle - A5	(rpm)	----		4700		
Counter spindle - A5	(rpm)		----			6000
Tool head - Number of positions	-			12		

LATHES

1

LATHES AND TURNING CENTERS

strojimport
TOS • ULIN GROUP



LATHES AND TURNING CENTERS		SP 430	SP 430 MC	SP 430 Y	SP 430 2	SP 430 Y/2
Swing dia. over bed	(mm)			680		
Max. turning dia.	(mm)	470	470	480	470	480
Max. turning length	(mm)			1100		
Axis travels X1 / Z1	(mm)	345 / 1225	345 / 1225	325 / 1225	345 / 1225	325 / 1225
Axis travels X2 / Z2	(mm)	----	----	----	217 / 1215	217 / 1215
Axis travel Y1	(mm)	----	----	+100 / -80	----	+100 / -80
Axis travel W2	(mm)	----	----	----	----	----

LATHES AND TURNING CENTERS		SP 430 SY/2	SP 430 L2	SP 430 Y/L2	SP 630 MULTI-VARIANT
Swing dia. over bed	(mm)	680	640	640	1150
Max. turning dia.	(mm)	480	470	480	1020
Max. turning length	(mm)	990	2500	2500	1700 / 2200 / 3200 / 4700 / 6100
Axis travels X1 / Z1	(mm)	325 / 1225	345 / 2625	325 / 2625	680 / 1700 (3200, 4700, 6200)
Axis travels X2 / Z2	(mm)	194 / 1215	----	----	320 / 1300 (2800, 4300, 5800)
Axis travel Y1	(mm)	+100 / -80	----	+100 / -80	400
Axis travel W2	(mm)	----	2375	2375	----

LATHES AND TURNING CENTERS		SPH 50	SPH 50 D	SPH 50 DS
Swing dia. over bed	(mm)	760 (910)	760	760
Max. dia right/left saddle turning	(mm)	530 / 530	530 / 400	530 / 400
Max. turning length	(mm)	3000	2800	2700
X-Axis - max. travel	(mm)	225 (Ø84 ÷ 530)	280 (Ø0 ÷ 530)	280 (Ø0 ÷ 530)
Z-Axis - max. travel	(mm)	2385	2620	2600
U-Axis - max. travel	(mm)	225 (Ø88 ÷ 530)	200 (Ø30 ÷ 400)	200 (Ø30 ÷ 400)
W-Axis - max. travel	(mm)	1810	2030	2030

LATHES

1

MULTI-FUNCTIONAL TURNING-MILLING CENTERS

strojimport
TOS • ULIN GROUP



MULTI-FUNCTIONAL TURNING-MILLING CENTERS		MULTICUT 500i S	SN MULTICUT 500i T	MULTICUT 500i S POWER	MULTICUT 500i T POWER	MULTICUT 630 multi-variant
Turning dia. (B=45°)	(mm)	690	690	690	690	930
Max. milled profile	(mm)	486 x 486	486 x 486	486 x 486	486 x 486	1600 (3100, 4600, 6100)
Max. machining length	(mm)	1527	1693	1527	1693	1700 (3200, 4700, 6000)
Max. bar stock dia.	(mm)	94	94	127	127	127
Spindle output S1 and S2 (S1/S6 40%)	(kW)	59 / 74	59 / 74	28 / 42	28 / 42	41 / 61,5
Max. spindle speed S1 and S2	(rpm)	3500	3500	2800	2800	2800
Max. torque	(Nm)	1400 (2100)	1400 (2100)	1400 (2100)	1400 (2100)	1408 (2176)
Spindle	-	HSK - A 63 (Capto C6)				HSK T63, CAPTO6
Spindle output (S1/S6 40%)	(kW)	13,2 / 22	13,2 / 22	13,2 / 22	13,2 / 22	25 / 30 (37 / 47, 29 / 37, 38 / 47)
Max. spindle speed S3	(rpm)	12000	12000	12000	12000	12000 (10000, 6500, 3500)
Max. B axis swivelling angle	(°)	-120 / +105	-120 / +105	-120 / +105	-120 / +105	-120 / +120
Max. swivelling angle	(rpm)	50	50	50	50	50
Number of pots in tool magazine		81	81	81	81	HSK-T63, Capto C6 66 [120,180] HSK-T100, Capto C8 44 [80,120]

LATHES

1

CNC LATHES

strojimport
TOS • ULIN GROUP



CNC LATHES		SR 1	SR 2	SR 3
Swing over carriage	(mm)	1000 / 1300 / 1500	1300 / 1600 / 2000	2000 / 2500 / 3000
Spindle speed	(rpm)	1 ÷ 1000 / 1 ÷ 700	1 ÷ 700 / 1 ÷ 400 / 1 ÷ 250	1 ÷ 400 / 1 ÷ 250 / 1 ÷ 200
Max. workpiece weight	(t)	25	56	100
Workpiece length	(mm)	3000 ÷ 20000	4000 ÷ 20000	4000 ÷ 20000
Main drive motor power	(kW)	60 / 100	60 / 100 / 140 / 200	60 / 100 / 140 / 200

CNC LATHES		SR 4	SR 5
Swing over carriage	(mm)	3000 / 3300 / 3600	3600 / 4200 / 5200
Spindle speed	(rpm)	1 ÷ 400 / 1 ÷ 250 / 1 ÷ 200 / 1 ÷ 120	1 ÷ 400 / 1 ÷ 200 / 1 ÷ 120
Max. workpiece weight	(t)	250	350
Workpiece length	(mm)	4000 ÷ 20000	4000 ÷ 30000
Main drive motor power	(kW)	60 / 100 / 140 / 200	60 / 100 / 140 / 200 / 330

LATHES

1

SPECIAL TECHNOLOGIES

strojimport
TOS • ULIN GROUP



COLD ROLL HARDENING MACHINE

SPECIAL TECHNOLOGIES

ROLLER 2800 CNC

Max. diameter without the use of tilting axis B	(mm)	300
Max. diameter with the use of tilting axis B $\pm 30^\circ$	(mm)	280
Max. diameter with the use of tilting axis B $\pm 35^\circ$	(mm)	250
Maximum lift of the rolling head	(mm)	112
Range of rolling force	(kN)	2,5÷50
Max. force of rolling with the use of tilting axis B	(kN)	20
Max. force of rolling without the use of tilting axis B	(kN)	50
Distance between centres	(mm)	2876
Maximum weight of the workpiece	(kg)	1000

LATHES

1

VERTICAL TURNING LATHES

strojimport
TOS • ULIN GROUP



VERTICAL TURNING LATHES BASICTURN		1250	1600
Table diameter	(mm)	1250	1600
Maximum workpiece diameter	(mm)	1400	2000
Maximum workpiece height	(mm)	1400 (1900)	1500 (2000)
Maximum workpiece weight	(kg)	8000	12000
Maximum table speed	(rpm)	400 (500, 630)	315 (400)
Main motor power output (Siemens/Fanuc)	(kW)	44 (58) / 45 (60)	58 (81) / 60 (75)

VERTICAL TURNING LATHES BASICTURN		2000	2500
Table diameter	(mm)	2000	2500
Maximum workpiece diameter	(mm)	2300	2900
Maximum workpiece height	(mm)	1500 (2000)	1940 (2540)
Maximum workpiece weight	(kg)	20000	25000
Maximum table speed	(rpm)	250 (315)	200 (250)
Main motor power output (Siemens/Fanuc)	(kW)	58 (81) / 60 (75)	58 (81) / 60 (75)

VERTICAL TURNING LATHES BASICTURN		3000	4000
Table diameter	(mm)	3000	4000
Maximum workpiece diameter	(mm)	3600	5000
Maximum workpiece height	(mm)	1940 (2540)	1800 (2480)
Maximum workpiece weight	(kg)	25000	25000
Maximum table speed	(rpm)	200	150
Main motor power output (Siemens/Fanuc)	(kW)	58 (81) / 60 (75)	58 (81) / 60 (75)

LATHES

1

VERTICAL TURNING LATHES

strojimport
TOS • ULIN GROUP



VERTICAL TURNING LATHES POWERTURN		800	1000	1250	1600	2000
Table diameter	(mm)	800	1000	1250	1600	2000
Maximum workpiece diameter	(mm)	1000	1400	1400	2000	2300
Maximum workpiece height	(mm)	1300	1300 (1800)	1300 (1800)	1400 (1900, 2100, 2500)	1400 (1900, 2100, 2500)
Maximum workpiece weight	(kg)	4000	6500	8000	12000	20000
Maximum table speed	(rpm)	400 (500, 630)	400 (500, 630)	400 (500, 630)	315 (400)	250 (315)
Main motor power output (Siemens/Fanuc)	(kW)	44 (58) / 45 (60)	44 (58) / 45 (60)	44 (58) / 45 (60)	58 (81) / 60 (75)	58 (81) / 60 (75)

VERTICAL TURNING LATHES POWERTURN		2500	3000	4000
Table diameter	(mm)	2500	3000	4000
Maximum workpiece diameter	(mm)	2900	3600	5000
Maximum workpiece height	(mm)	1800 (2440, 3140)	1800 (2440, 3140)	1780 (2380, 3080)
Maximum workpiece weight	(kg)	25000	25000	30000
Maximum table speed	(rpm)	200 (250)	200	150
Main motor power output (Siemens/Fanuc)	(kW)	58 (81) / 60 (75)	81 (105) / 75 (100)	81 (105) / 75 (100)

LATHES

1

VERTICAL TURNING LATHES

strojimport
TOS • ULIN GROUP



VERTICAL TURNING LATHES EXPERTURN

Execution and technical parameters in accordance with the customer's requirements



VERTICAL TURNING LATHES FORCETURN		2500	3000	4000
Table diameter	(mm)	2500	3000	4000
Maximum workpiece diameter	(mm)	2900	3600	5000
Maximum workpiece height	(mm)	2500 (3500, 4000)	2500 (3500, 4000)	2500 (3500, 4000, 5000)
Maximum workpiece weight	(kg)	45000 / 30000	45000 / 30000	60000 / 40000
Maximum table speed	(rpm)	200 / 250	200 / 200	125 / 150
Main motor power output (Siemens/Fanuc)	(kW)	2x58 (2x71) / 2x60 (2x75)	2x58 (2x71) / 2x60 (2x75)	2x58 (2x71) (2x105) / 2x60 (2x75) (2x100)

LATHES

1

VERTICAL TURNING LATHES

strojimport
TOS • ULIN GROUP



VERTICAL TURNING LATHES		SKJ 63-100	SKJ 80-160
Table diameter	(mm)	6300	8000
Max. turning diameter	(mm)	10000	16000
Max. height of workpiece over table	(mm)	3000	6300
Maximum load	(kg)	150000	320000
Table revolutions	(rpm)	35	25
Rapid traverse	(mm/min)	340 x 340	450 x 450
Main drive motor output	(kW)	100	125

VERTICAL TURNING LATHES		SKD 40-50	SKD 40-80
Table diameter	(mm)	4000 / 5000	4000 ÷ 8000
Max. turning diameter	(mm)	5000 / 6000	5000 ÷ 10000
Max. height of workpiece over table	(mm)	2000 / 2800	4000 ÷ 6000
Maximum load	(kg)	30000 ÷ 100000	50000 ÷ 320000
Table revolutions	(rpm)	125 ÷ 50	125 ÷ 25
Rapid traverse	(mm/min)	340 x 340	340 x 340/400x400
Main drive motor output	(kW)	40	100

VERTICAL TURNING LATHES		SKDY 40-50	SKDY 40-80
Table diameter	(mm)	4000 / 5000	4000 ÷ 8000
Max. turning diameter	(mm)	5000 / 6000	5000 ÷ 10000
Cross-rail stroke	(mm)	2000 / 2800	4000 ÷ 6000
Max. turning height	(mm)	1500 / 2000	2800 ÷ 4800
Maximum load	(kg)	4000 / 5000	4500 ÷ 6500
Table revolutions	(rpm)	2000 / 2500	2500 / 3200
Ram cross-section	(mm)	30000 ÷ 100000	50000 ÷ 320000
Ram stroke Z	(mm)	125 ÷ 50	125 ÷ 25
Y axis	(mm)	340 x 340	340 x 340/400 x 400

HORIZONTAL BORING AND MILLING MACHINES

2

TABLE TYPE

strojimport
TOS • ULIN GROUP

TABLE TYPE		MAXIMA I	MAXIMA II
Spindle diameter	(mm)	130	150
Table transverse travel X	(mm)	3000, 4000, 5000, 6000	3000, 4000, 5000, 6000
Headstock vertical travel Y	(mm)	2000÷4500	2000÷4500
Ram stroke Z	(mm)	1000	1000
Spindle stroke W	(mm)	700	800
Spindle speed range	(rpm)	10÷3000	10÷2500 (2800)
Table clamping surface	(mm)	2000x2000, 2000x2500, 2500x3000	2000x2000, 2000x2500, 2500x3000
Workpiece weight max.	(kg)	30000	30000
Main motor power	(kW)	37 (46)	51(65)



TABLE TYPE		W 100 A	RET 100 B	WH 10 CNC	WH 105 CNC	RET 10 X
Spindle diameter	(mm)	100	100	100	105	100 / 105
Clamping taper	(ISO)	50	50	50	50	50
Table transverse travel X	(mm)	1600	1600	1250	1800 (2000)	1000, 1250, 1500, 1750, 2000 (3000)
Headstock vertical travel Y	(mm)	1120	1220	1100	1250, 1600	1000, 1250, 1500, 1750, 2000
Table longitudinal travel Z	(mm)	810 (1250, 1750)	900 (1710)	940	1250	1000, 1250, 1500, 1750, 2000
Spindle stroke W	(mm)	900	710	630	630	max. 710
Spindle speed range	(rpm)	1120	3000	10÷2500	10÷2300 (3300, 4000)	10 ÷ 3500
Table clamping surface	(mm)	1250 x 1250 (1500 x 1500)	1250 x 1250 (1500 x 1500)	1000x1120	1400 x 1400, 1400 x 1600	1250 x 1250, 1500 x 1500
Ram travel V	(mm)	-	-	-	-	650
Workpiece weight max.	(kg)	3000	3000	3000	5000 (3000)	8000
Main motor power	(kW)	11	20	20 / 25	28/35	22 / 34

HORIZONTAL BORING AND MILLING MACHINES

2

TABLE TYPE

strojimport
TOS • ULIN GROUP



TABLE TYPE		WHN 13 CNC	WHN 15 CNC	WHN 110	WHN 130	WHR 13
Spindle diameter	(mm)	130	150	112 (125)	130 (140)	130
Table transverse travel X	(mm)	2000, 3500, 4000, 5000, 6000	2000, 3500, 4000, 5000, 6000	1600, 2000, 2500	2000, 2500, 3000, 3500, 4000	3500, 4000, 5000, 6000
Headstock vertical travel Y	(mm)	2000, 2500, 3000, 3500	2000, 2500, 3000, 3500	1250, 1400, 1600	1600, 2000, 2500	2000, 2500, 3000
Column longitudinal travel Z	(mm)	1250, 1600, 2000, 3200	1250, 1600, 2000, 3200	800, 1000, 1250	1000, 1250, 1600, 2000	1250, 1600, 2200, 3200
Spindle stroke W	(mm)	800	900	710 (500)	800 (560)	650
Spindle speed range	(rpm)	10÷3000 (1500, 5000)	10÷3000	10÷2800 (3300)	10÷2500 (3000)	10 ÷ 3000
Table clamping surface	(mm)	1800x1800	1800x1800	1250x1400	1600x1800	1800 x 1800 / 1800 x 2200 / 1800 x 2500 / 2000 x 3000 / 2500 x 3000
Workpiece weight max.	(kg)	12000 (25000)	12000 (25000)	8000	12000	12000 / 16000 / 18000 / 25000
Main motor power	(kW)	37 (46)	46 (55)	37	37	37 / 46

HORIZONTAL BORING AND MILLING MACHINES

2

FLOOR TYPE

strojimport
TOS • ULIN GROUP



FLOOR TYPE		WRD 130	WRD 150	WRD 170
Spindle diameter	(mm)	130	150	170
Column transverse travel X	(mm)	5000 ÷ 27000	5000 ÷ 27000	5000 ÷ 29000
Headstock vertical travel Y	(mm)	2000 ÷ 4500	2000 ÷ 4500	4000 ÷ 6000
Spindle stroke W / Z	(mm)	700/1000	800/1000	1000/1500
Spindle speed range	(rpm)	10 ÷ 3000 (3500)	10 ÷ 2500 (2800)	10 ÷ 2200
Main motor power	(kW)	37	51	71

FLOOR TYPE		RET 10 P
Spindle diameter	(mm)	100 / 105
Clamping taper	ISO	50
Spindle speed range	(min-1)	10 ÷ 3500
Headstock travel Y	(mm)	2000
Column transversal travel X	(mm)	2000 ÷ 12000
Spindle stroke W / Z	(mm)	610 / 650



HORIZONTAL BORING AND MILLING MACHINES

2

FLOOR TYPE

strojimport
TOS • ULIN GROUP



FLOOR TYPE		HCW 2000	HCW 3000	HCW 4000
Spindle diameter	(mm)	150 / 160 / 180	180 / 200 / 225	225 / 250 / 260
Column transverse travel X	(mm)	from 2500	from 3000	from 3500
Headstock vertical travel Y	(mm)	2000 ÷ 5500	2500 ÷ 5500	3000 ÷ 9000
Spindle stroke Z / W	(mm)	1750 / 1250	1300/1200	2500 / 1500
Spindle speed range	(rpm)	2 ÷ 3500	1 ÷ 2500	1 ÷ 2500
Main motor power	(kW)	64	103	120

FLOOR TYPE		FCW 140/150
Spindle diameter	(mm)	140/150
Column transverse travel X	(mm)	from 1500
Headstock vertical travel Y	(mm)	1000 ÷ 4000
Spindle stroke Z / W	(mm)	900/800
Spindle speed range	(rpm)	10 ÷ 3000
Main motor power	(kW)	40

HORIZONTAL BORING AND MILLING MACHINES

2

CNC TOStec SERIES

strojimport
TOS • ULIN GROUP



CNC TOStec SERIES		PRIMA	OPTIMA	VARIA
Spindle diameter	(mm)	100	112	130
Table transverse travel X	(mm)	1600,2000	2000,3000	2000,3000,4000
Headstock vertical travel Y	(mm)	1000,1300	1300,1600	1600,2000,2500
Column longitudinal travel Z	(mm)	1600,2000	1600,2000,2500	1600,2000,2500
Spindle stroke W	(mm)	500	650	800
Spindle speed range	(rpm)	5000	4200	3500 (4000)
Main motor power	(kW)	22	28	37

MILLING MACHINES

3

TOOLROOM MACHINES

strojimport
TOS • ULIN GROUP



TOOLROOM MACHINES		FNK 2/R	FNGJ 40 A	FNGJ 50 A	FNG 40 CNC A	FNG 50 CNC A
Table size	(mm)	300 x 1300	800 x 400	900 x 500	800 x 400	900 x 500
Travels X ,Y, Z	(mm)	840, 376, 460	600, 400, 400	700, 500, 500	600, 400, 400	700, 500, 500
Spindle	(ISO)	40	40	40	40	40
Spindle revolutions	(rpm)	60 ÷ 4000	50 ÷ 4000	50 ÷ 4000	50 ÷ 4000	50 ÷ 4000

MILLING MACHINES

3

KNEE - TYPE MACHINES

strojimport
TOS • ULIN GROUP



KNEE - TYPE MACHINES		F2V/R	FGU 32	FGV 32
Table size	(mm)	300x1300	360x1400	360x1400
Travels X, Y, Z	(mm)	820, 355, 400 (840, 376, 420)	1000, 275, 420 (1020, 295, 435)	1000, 300, 420 (1020, 320, 435)
Spindle	(ISO)	40	50	50
Spindle revolutions	(rpm)	60÷4000	31,5÷1400 (45÷2000)	31,5÷1400 (45÷2000)
Motor power	(kW)	3	5,5	5,5

MILLING MACHINES

3

KNEE - TYPE MACHINES

strojimport
TOS • ULIN GROUP



KNEE - TYPE MACHINES		FTU 1000 / FTV 1000 / FTH 1000	FTU 1250 / FTV 1250 / FTH 1250	FTU 1500 / FTV 1500 / FTH 1500	FTU 1600 / FTV 1600 / FTH 1600	FTU 2000 / FTV 2000 / FTH 2000
Table size	(mm)	1500x360	1800x400	1800x500	2200x540	2600x600
Travels X, Y, Z	(mm)	1000,380,430	1250,540,470	1500,700,470	1600,710,710	2000,710,710
Spindle	(ISO)	50	50	50	50	50
Spindle revolutions	(rpm)	40÷1750	40÷1750	40÷1750	1500	1500
Total power output - main drive	(kW)	7,5	7,5	7,5	11	15
Max. table load	(kg)	800	1000	1000	1500	2500



KNEE - TYPE MACHINES		FTU 1000 CNC / FTV 1000 CNC / FTH 1000 CNC	FTU 1250 CNC / FTV 1250 CNC / FTH 1250 CNC	FTU 1500 CNC / FTV 1500 CNC / FTH 1500 CNC	FTU 1600 CNC / FTV 1600 CNC / FTH 1600 CNC	FTU 2000 CNC / FTV 2000 CNC / FTH 2000 CNC
Table size	(mm)	1500 x 360	1800 x 400	1800 x 500	2200 x 540	2600 x 600
Travels X, Y, Z	(mm)	1000, 350, 430 (470)	1250 (1500), 500, 470 (550)	1500 (1600), 650, 470 (550)	1600, 710, 710	2000, 710, 710
Spindle	(ISO)	50	50	50	50	50
Spindle revolutions	(rpm)	1750 / 2000 / 2500	1750 / 2000 / 2500	1750 / 2000 / 2500	1500	1500
Total power output - main drive	(kW)	7,5	7,5	7,5	11	15
Max. table load	(kg)	800	1000 (1250)	1000 (1250)	1500 (2000)	2000 (2500)

MILLING MACHINES

3

MILLING CENTERS VERTICAL

strojimport
TOS • ULIN GROUP



MILLING CENTERS VERTICAL 3 AXES		MMC 1500 POWER PLUS	MMC 1500 POWER	MMC 1500 SPEED	MMC 1500 SPRINT	MMC 1500 RAPID
Spindle speed range	(min ⁻¹)	20 ÷ 8000	20 ÷ 10000	20 ÷ 12000	20 ÷ 18000	20 ÷ 24000
Spindle taper		ISO 50 (HSK-A100)	ISO 50	ISO 40 (HSK-A63)	HSK-A63	HSK-A63
Clamping surface	(mm)	1500 x 1300	1500 x 1300	1500 x 1300	1500 x 1300	1500 x 1300
Slide travel in the X axis	(mm)	1500	1500	1500	1500	1500
Table travel in the Y axis	(mm)	1300	1300	1300	1300	1300
Slide travel in the Z axis	(mm)	600	600	600	600	600
Max. weight on table	(kg)	2500	2500	2500	2500	2500
Dimension of the table clamping area - DT	(mm)	720 x 1000	720 x 1000	720 x 1000	720 x 1000	720 x 1000
Table travel in the X axis - DT	(mm)	1500	1500	1500	1500	1500
Cross beam travel in the Y axis - DT	(mm)	1000	1000	1000	1000	1000
Slide travel in the Z axis - DT	(mm)	600	600	600	600	600
Maximum table loading - DT	(kg)	1250	1250	1250	1250	1250

MILLING MACHINES

3

BED AND GANTRY TYPE

strojimport
TOS • ULIN GROUP



BED AND GANTRY TYPE		FRF 200, 250, 300, 400	FRU 200-500	FRU 300-800	FRP 150-250	FRP 200-400	FRP 200-450
Working travel X - longitudinal	(mm)	4000 ÷ 24000	4000 ÷ 22000	4000 ÷ 24000	3000 / 4000 / 5000	5500 ÷ 13500	5500 ÷ 13500
Working travel Y - cross	(mm)	2900 / 3400 / 390 / 4900	3500 ÷ 6500	5750 ÷ 10750	2900 / 3400 / 3900	3300 ÷ 5800	3800 ÷ 6800
Working travel Z - vertical	(mm)	1500	1500 / 2000	1500 / 2000	1250 / 1500	1500 (2000)	1500 / 2000
Working travel W - cross rail	(mm)	-	2000 / 2500 (optional)	2250 / 2800 / 3800 (optional)	-	2000	2250
Column to column distance	(mm)	2550, 3050, 3550, 4550	3000 ÷ 6000	4000 ÷ 9000	2600 / 3100 / 3600	3050 ÷ 4550	3050 ÷ 5550
Clearance between table and cross-rail	(mm)	2050	2800 ÷ 3500	3500 ÷ 5500	1800	1800 ÷ 2500	2770
Motor output	(kW)	30 / 37 / 45	30 / 37 / 45 / 60	60 / 71 / 100 / 113	37	30/37/45/60	60 / 71

BED AND GANTRY TYPE		FS 100	FS 125
Working travel X - longitudinal	(mm)	2000 / 3000 / 4000 / 5000	2000 / 3000 / 4000 / 5000
Working travel Y - cross	(mm)	1000	1250
Working travel Z - vertical	(mm)	1500 / 2000	1500 / 2000
Table clamping surface	(mm)	2000/3000/4000/5000x1000	2000/3000/4000/5000x1250
Feed - range X,Y,Z (V,W)	(mm/min)	1 ÷ 20000 (1 ÷ 30000)	1 ÷ 20000 (1 ÷ 30000)
Motor output	(kW)	22 / 30 / 37	22 / 30 / 37

MILLING MACHINES

3

BED AND GANTRY TYPE

strojimport
TOS • ULIN GROUP



BED AND GANTRY TYPE		FU (Q) 125/150 (200)	FU (Q) 150/200
Working travel X - longitudinal	(mm)	3000 ÷ 20000 (then 1000)	3000 ÷ 20000 (then 1000)
Working travel Y - cross	(mm)	1400 / 2000 / then per 500 up to 5000	1400 / 2000 / then per 500 up to 5000
Working travel Z - vertical	(mm)	1250 / 1500 (2000)	1500 / 2000
Table clamping surface	(mm)	optional	optional
Feed - range X	(mm/min)	1 ÷ 20000	1 ÷ 24000
Feed - range Y	(mm/min)	1 ÷ 20000	1 ÷ 20000
Feed - range Z	(mm/min)	1 ÷ 20000 / 15000 / 12500	1 ÷ 15000
Motor output	(kW)	30 / 37 / 45	60

BED AND GANTRY TYPE		FUT 150	FUT 150/125	FUT 200	FUT 200/125
Working travel X - longitudinal	(mm)	3000 / 4000 / 5000	3000 / 4000 / 5000	3000 / 4000 / 5000	3000 / 4000 / 5000
Working travel Y - cross	(mm)	2000 / 2500 / 3000	2000 / 2500 / 3000	2000 / 2500 / 3000	2000 / 2500 / 3000
Working travel Z - vertical	(mm)	1500	1500	2000	2000
Working travel W	(mm)		1250		1250
Table clamping surface	(mm)	1600x1800 / 1800x2200 / 2000x2400	1600x1800 / 1800x2200 / 2000x2400	1600x1800 / 1800x2200 / 2000x2400	1600x1800 / 1800x2200 / 2000x2400
Feed - range X,Y,Z (V,W)	(mm/min)	1 ÷ 30000	1 ÷ 30000	1 ÷ 30000	1 ÷ 30000
Motor output	(kW)	37	37	37	37

MILLING MACHINES

3

GRAPHITE MILLING MACHINES

strojimport
TOS ULIN GROUP



GRAPHITE MILLING MACHINES

HWT E-422 CNC

Max. machining area (X x Y x Z)	(mm)	400 x 400 x 200 (400 x 400 x 300)
Size of clamping surface (X x Y)	(mm)	500 x 500 x 12 T-grooves
Programmable feed rate	(m/min)	max. 6 (servo 10)
Programmable step	(mm)	0,003 (servo 0,005)
Speed range	(rpm)	1500÷6000; 3000÷12000; 6000÷24000
Repeat accuracy	(mm)	<0,01
Total accuracy	(mm)	< ±0,02
Max. tool clamping diameter	(mm)	20 (ISO 30)
Spindle motor	(kW)	2 (HSD 5,5)
Outer dimensions (W x D x H)	(mm)	950 x 1250 x 2330
Weight of the machine	(kg)	1300
Workpiece material		graphite, plastics, wood, non-ferrous metals, steel
Max. workpiece weight	(kg)	50

GRINDING MACHINES

4

CYLINDRICAL GRINDING MACHINES

strojimport
TOS • ULIN GROUP



CYLINDRICAL GRINDING MACHINES		BUB E CNC	BHMR CNC	BHM CNC
Swing diameter	(mm)	320 / 400 / 500	500 (600)	500
Distance between centres	(mm)	1000 / 1500 / 2000	2000 / 3000	2000 / 3000
Maximum weight of the workpiece	(kg)	500	1000	1000
B axis turning range	(°)	+45 / -15 (manual)	+45 / - 225 (automatic)	+15 / - 180 (manual)
Max. quantity of tools		1 + 1	3	1 + 1
Peripheral speed of grinding wheel	(m.s-1)	25 ÷ 45 (10 ÷ 50 optional)	10 ÷ 50	10 ÷ 50
Grinding wheel (dia x width x hole)	(mm)	Ø 500 x 80 x Ø 203	Ø 500 x 80 x Ø 203	Ø 500 x 80 x Ø 203
Output of grinding headstock electric motor	(kW)	11	11	11
Machine working accuracy	(µm)	2 ÷ 4	2 ÷ 4	2 ÷ 4

CYLINDRICAL GRINDING MACHINES		BUC E CNC	BHCR CNC	BHC CNC
Swing diameter	(mm)	630 / 850	630 / 850 / 1000	630 / 850 / 1000
Distance between centres	(mm)	2000 / 3000 / 4000 / 5000	2000 / 3000 / 4000 / 5000 / 6000	2000 / 3000 / 4000 / 5000 / 6000
Maximum weight of the workpiece	(kg)	3000	4000 (5000)	4000 (5000)
B axis turning range	(°)	+30 / - 10 (manual)	+45 / - 225 (automatic)	+30 / - 30 (manual)
Max. quantity of tools		-	3	1 + 1
Peripheral speed of grinding wheel	(m.s-1)	25 ÷ 45 (10 ÷ 50 optional)	10 ÷ 50	10 ÷ 50
Grinding wheel (dia x width x hole)	(mm)	Ø 750 x 100 x Ø 305	Ø 750 x 100 x Ø 305	Ø 750 x 100 x Ø 305
Output of grinding headstock electric motor	(kW)	18,5	18,5	18,5
Machine working accuracy	(µm)	2 ÷ 4	2 ÷ 4	2 ÷ 4

GRINDING MACHINES

4

SURFACE GRINDING MACHINES

strojimport
TOS • ULIN GROUP



SURFACE GRINDING MACHINES		BRH 20 AQ	BRH 250 AQ	BRH 40 AQ	BRH 500 AQ
Working surface of the table	(mm)	200 x 600	200 x 600	400 x 1000	400 x 1000
Cross feed	(mm)	200	250	400	500
Max. dimensions of grinding wheel	(mm)	250x20 ÷ 50x76	250x20 ÷ 50x76	350x40 ÷ 80x127	350x40 ÷ 80x127
Max. workpiece weight	(kg)	130	200	500	700
Motor output	(kW)	2,2	2,2	7,5	7,5

SURFACE GRINDING MACHINES		BP-2550	BP-3060	BP-4080
Working surface of the table	(mm)	250 x 500	300 x 600	350 x 800
Max. dimensions of grinding wheel	(mm)	355 x 38 x 127	355 x 38 x 127	355 x 38 x 127
Max. cross x longitudinal travel	(mm)	350 x 900	350 x 900	350 x 900
Motor output	(kW)	4	4	4

GRINDING MACHINES

4

INTERNAL GRINDING MACHINES

strojimport
TOS • ULIN GROUP



INTERNAL GRINDING MACHINES		BDU 300/150 CNC	BDE 125 CNC	BDE 200 CNC	BDU 300/600 CNC	BDA 100 CNC	BDA 300 CNC
Diameter of grinding	(mm)	10÷300	3÷100	10÷200	10÷300	3÷100	10÷350
Length of grinding	(mm)	max. 500	max. 100	max. 150	max. 500	max. 100	max. 250
Length of ground part	(mm)	1500	-	-	600	-	-
Max. diameter of part	(mm)	560	125	250	560	360	560
Number of CNC axes		4 + 1	2	2	2	2	2
Swivelling of working headstock	(°)	0 ÷ 15	0 ÷ 30	0 ÷ 30	0 ÷ 30	0 ÷ 30	0 ÷ 30 (90)
Number of grinding spindles		1+1	1 (2)	1 (2)	1 + 1	1 (2)	1 (2)
Speed range	(rpm)	max. 600	max. 2500	max. 650	max. 600	max. 2500	max. 250
Revolutions of grinding spindles	(rpm)	max. 40000	max. 150000	max. 120000	max. 40000	max. 150000	max. 120000
Stroke of Z1/Z2-axis	(mm)	1200/350	190	200	1200/350	500	600
Stroke of X1/X2-axis	(mm)	200/350	70	40	200/350	100	250
Increment of Z1/Z2-axis	(mm)	0,001	0,001	0,001	0,001	0,001	0,001
Increment of X1/X2-axis	(mm)	0,0002/0,001	0,0002	0,0002	0,0002/0,001	0,0002	0,0002
Electric input	(kVA)	37	29	39	37	27	49
Weight of machine	(kg)	15000	4000	8000	12000	5000	8000

DRILLING MACHINES

5

BENCH DRILLING MACHINES

strojimport
TOS • ULIN GROUP

BENCH DRILLING MACHINES		V 20.8 CANIS / VS 20.8 CANIS	V 20.6 VEGA / VS 20.6 VEGA
Drilling diameter 600 Mpa	(mm)	20	20
Drilling depth	(mm)	160	160
Cone in MORSE spindle	(Morse)	3	3
Number of speed steps		without degrees	without degrees
Spindle speed range	(rpm)	250 ÷ 3700	180 ÷ 3700
Feed - number of steps		manual	manual
Feed - range	(mm/rev)	-	-
Electric motor output	(kW)	0,55	1,1

BENCH DRILLING MACHINES		VS 25-260 TAURUS	VS 40 SPRINT	VS 40-420/430 Castor
Drilling diameter 600 Mpa	(mm)	25	40	40
Drilling depth	(mm)	180	220	220
Cone in MORSE spindle	(Morse)	3	4	4
Primary transmission		flexible (belt)	mechanical	flexible (belt)
Number of speed steps		2	without degrees	12/18
Speed range	(rpm)	80 ÷ 2800	45 ÷ 2800	56 ÷ 2800
Feed - number of steps		4	manual / 4	4
Feed - range	(mm/rev)	0,08 ÷ 0,32	0,11 ÷ 0,45	0,11 ÷ 0,45
Electric motor output	(kW)	1,1	2,2	2,2 / 2,3



BENCH DRILLING MACHINES		VS 25-290 SIRIUS	VS 32 HERKULES	VS 32 SATURN
Drilling diameter 600 Mpa	(mm)	25	32	32
Drilling depth	(mm)	180	180	180
Cone in MORSE spindle	(Morse)	3	4	4
Primary transmission		mechanical	elastic	mechanical
Number of speed steps		2	2	2
Speed range	(rpm)	80 ÷ 2800	80 ÷ 2800	80 ÷ 2800
Feed - number of steps		4	4	4
Feed - range	(mm/rev)	0,08 ÷ 0,32	0,08 ÷ 0,32	0,08 ÷ 0,32
Electric motor output	(kW)	1,1	1,5	1,5

DRILLING MACHINES

5

RADIAL DRILLING MACHINES

strojimport
TOS • ULIN GROUP



RADIAL DRILLING MACHINES		VO 75	VO 100 / 104	VOM 50
Drilling capacity in steel 600 Mpa t.s.	(mm)	75	100	50
Drilling capacity in grey cast iron 250 Mpa t.s.	(mm)	90	110	65
Max. motion of the drilling head along the arm / Max motion of the arm (VOM 50)	(mm)	1614	2015 / 3470	900
Max. vertical displacement of the arm	(mm)	950	1155 / 1535	1250
Speed range	(rpm)	11,2÷2000	9÷2800	16÷800
Main electric motor output	(kW)	7,5	11 (15)	4



RADIAL DRILLING MACHINES		VR 35	VR 40	VR 50	VR 63	VR 80	VR 100	VR 132
Drilling capacity in steel 600 MPa t.s.	(mm)	35	40	50	63	80	100	132
Distance spindle column	(mm)	300 ÷ 1000	290 ÷ 1285	350 ÷ 1600	450 ÷ 1600	530 ÷ 2530	570 ÷ 3150	600 ÷ 4200
Max. motion of the drilling head along the arm	(mm)	700	995	1250	1550	2000	2580	3600
Taper in spindle	(MORSE)	4	4	5	5	6	6	metric 80
Speed range	(min-1)	40 ÷ 1928	40 ÷ 1500	25 ÷ 2000	25 ÷ 1600	16 ÷ 1250	8 ÷ 1000	6,3 ÷ 800
Main electric motor output	(kW)	2,2	3	4	5,5	7,5	15	18,5

CENTRES

6

MILLING CENTRES VERTICAL

strojimport
TOS • ULIN GROUP



MILLING CENTRES VERTICAL 3 AXES		MCV 750 RAPID	MCV 750 SPRINT	MCV 750 SPEED
Working range X/Y/Z	(mm)	750 x 500 x 500		
Clamping surface	(mm)	1000 x 640		
Max. weight on table	(kg)	650		
Spindle cone	-	HSK - A63		HSK - A63 (ISO 40)
Max. spindle speed	(rpm)	24 000	18 000	12 000
Spindle motor output SIEMENS (S1/S6 - 40%)	(kW)	19 / 26.7	25 / 35	33 / 45
Nominal torque (S1/S6 - 40%)	(Nm)	60 / 86	86 / 120	157 / 215
Tool magazine capacity	-	24		
Control system	-	HEIDENHAIN		

CENTRES

6

MILLING CENTRES VERTICAL

strojimport
TOS • ULIN GROUP



MILLING CENTRES VERTICAL 3 AXES		MCV 1000 RAPID	MCV 1000 SPRINT	MCV 1000 SPEED	MCV 1000 POWER
Working range X/Y/Z	(mm)	1016 x 610 x 720			
Clamping surface	(mm)	1300 x 670			
Max. weight on table	(kg)	1200			
Spindle cone	-	HSK - A63	HSK - A63	HSK - A63 (ISO 40)	ISO 50 (ISO 40)
Max. spindle speed	(rpm)	24000	18000	12000	8000
Spindle motor output SIEMENS (S1/S6 - 40%)	(kW)	19 / 26,7	25 / 35	33 / 45	28 / 43
Nominal torque (S1/S6 - 40%)	(Nm)	60 / 86	86 / 120	157 / 215	406 / 623
Tool magazine capacity	-	30			
Control system	-	HEIDENHAIN			

MILLING CENTRES VERTICAL 3 AXES		MCV 1270 RAPID	MCV 1270 SPRINT	MCV 1270 SPEED	MCV 1270 POWER
Working range X/Y/Z	(mm)	1016 x 610 x 720			
Clamping surface	(mm)	1300 x 670			
Max. weight on table	(kg)	1200			
Spindle cone	-	HSK - A63	HSK - A63	HSK - A63 (ISO 40)	ISO 50 (ISO 40)
Max. spindle speed	(rpm)	24000	18000	12000	8000
Spindle motor output SIEMENS (S1/S6 - 40%)	(kW)	19 / 26,7	25 / 35	33 / 45	28 / 43
Nominal torque (S1/S6 - 40%)	(Nm)	60 / 86	86 / 120	157 / 215	406 / 623
Tool magazine capacity	-	30			
Control system	-	HEIDENHAIN			

CENTRES

6

MILLING CENTRES VERTICAL

strojimport
TOS • ULIN GROUP



MILLING CENTRES VERTICAL 3 AXES		MCV 800 QUICK	MCV 1016 QUICK
Working range X/Y/Z	(mm)	800 / 500 / 550	1016 / 610 / 710
Clamping surface	(mm)	1000 x 500	1300 x 600
Max. weight on table	(ISO)	600	700
Spindle motor output SIEMENS (S1/S6 - 40%)	(rpm)	10 / 14	17 / 25
Max. spindle speed	(kW)	12000	10000
Spindle cone		ISO 40	ISO 40
Tool magazine capacity		24	24
Control system		HEIDENHAIN / FANUC / SIEMENS	HEIDENHAIN / FANUC / SIEMENS

MILLING CENTRES VERTICAL 5 AXES		MCU 700 VT-5X	MCU 700V-5X	MCU 1100V-5X	MCU 1100VT-5X
Rotary table top dia	(mm)	630 (800)	630 (800)	1150 x 900	1200
Tilting axis A	(°)	150 (+30°; -120°)	150 (+30°; -120°)	175° (+45° / -130°)	175° (+45° / -130°)
Rotary axis C	(°)	360°	360°	360°	360°
Max. weight on table	(kg)	850	850	2200	1700
Working range X / Y / Z	(mm)	700 / 820 / 550	700 / 820 / 550	1100 / 1550 / 1000	1100 / 1550 / 1000
Max. spindle speed (rpm)	(rpm)			10000	10000
Spindle motor output SIEMENS (S1/S6 - 40%)	(kW)				
Nominal torque (S1/S6 - 40%)	(Nm)				
Number of pots in tool magazine	-			60 [120, 240]	60 [120, 240]

MILLING CENTRES VERTICAL 5 AXES		MCV 1000 POWER	MCV 1000 SPEED	MCV 1000 SPRINT	MCV 1000 RAPID
Rotary table top dia	(mm)	520	520	520	520
Tilting axis A	(°)	± 110°	± 110°	± 110°	± 110°
Rotary axis C	(°)	360°	360°	360°	360°
Max. weight on table	(kg)	400	400	400	400
Working range X / Y / Z	(mm)	800 / 590 / 480	800 / 590 / 520	800 / 590 / 520	800 / 590 / 520
Max. spindle speed (rpm)	(rpm)	8000	12000	18000	24000
Spindle motor output SIEMENS (S1/S6 - 40%)	(kW)	28 / 43	33 / 48	25 / 35	19 / 26,7
Nominal torque (S1/S6 - 40%)	(Nm)	406 / 623	130 / 200	86 / 120	60 / 86
Number of pots in tool magazine	-	24 (40)	30 (60)	30 (60)	30 (60)

CENTRES

6

MILLING CENTRES VERTICAL

strojimport
TOS • ULIN GROUP



VERTICAL MACHINING CENTRES		MCFV 1060	MCFV 1260 (P)	MCFV 1680	MCG 1000 5XT
Table - working area	(mm)	1320 x 620 / P 1320 x 620	1320 x 620 / P 1320 x 620	1800 x 780	Ø 1000 (800)
Travels X, Y, Z	(mm)	1050 x 640 x 800	1300 x 640 x 800	1650, 810, 810	1200, 1000, 700
Speed range	(rpm)	8000 / 10000 / 12000 / 15000 / 18000			12000
Table - max. load	(kg)	1350	1350	2500	1300
Total power output - main drive	(kW)	19,5/22,5/25	19,5/22,5/25	17/20/25	31 (37)
Number of tool pots in magazine	(pc)	30	24	24	50 (30)

VERTICAL MACHINING CENTRES		MCFV 2080	MCV 1210	MCV 1220	MCV 2318
Table - working area	(mm)	2200 x 780	1200 x 1000	1200 x 2000	2520 x 1600
Travels X, Y, Z	(mm)	2030, 810, 810	1000, 1800, 600	1000, 1800, 600	2300, 1500, 1050
Speed range	(rpm)	8000 / 10000 / 12000 / 15000 / 18000	15000 (18000)	15000 (18000)	18000 (12000)
Table - max. load	(kg)	3000	3000	3000	10000
Total power output - main drive	(kW)	17/20/25	31 (32)	31 (32)	27 (31)
Number of tool pots in magazine	(pc)	24	30	40	50

CENTRES

6

MILLING CENTRES VERTICAL

strojimport
TOS • ULIN GROUP



VERTICAL MILLING MACHINES 3-AXIS		VC 1110	VC 1810	VC 2221	VC 2314
Travels X-axis	(mm)	1100	1800	3500	2300
Travels Y-axis	(mm)	1000	1000	2500	1400
Travels Z-axis	(mm)	700	700	1250	800
Standard spindle / head					
Power / Torque (S1/100%)	(kW / Nm)	25 / 200	25 / 200	25 / 200	25 / 200
Optional spindle / head					
Power / Torque (S1/100%)	(kW / Nm)	25 / 170	25 / 170	32 / 306	32 / 306
Optional spindle / head					
Power / Torque (S1/100%)	(kW / Nm)	29 / 69	29 / 69	52 / 1000	29 / 69
Workpiece weight	(kg)	8000	10000	79000	18000
Feed rate	(mm/min)	30000	30000	30000 ÷ 25000	30000

VERTICAL MILLING MACHINES 3-AXIS		VC 3021	VC 4525	VC 4535	VC 4545
Travels X-axis	(mm)	3000	3000	4500	4500
Travels Y-axis	(mm)	2100	2100	3500	4500
Travels Z-axis	(mm)	1200	1200	1500	1500
Standard spindle / head					
Power / Torque (S1/100%)	(kW / Nm)	25 / 200	25 / 200	32	32
Optional spindle / head					
Power / Torque (S1/100%)	(kW / Nm)	32 / 306	32 / 306		
Optional spindle / head					
Power / Torque (S1/100%)	(kW / Nm)			52 / 1000	52 / 1000
Workpiece weight	(kg)	55000	55000	133000	186000
Feed rate	(mm/min)	40000	40000	40000	40000

CENTRES

6

MILLING CENTRES VERTICAL

strojimport
TOS • ULIN GROUP



VERTICAL MILLING MACHINES 5-AXIS WITH ROTARY TABLE		VU 2216	VU 3016	VU 3021	VU 3525
Travels X-axis	(mm)	3000	3000	3000	3500
Travels Y-axis	(mm)	1450 ÷ 1600	1600	2100	2500
Travels Z-axis	(mm)	1000	1200	1200	1500
Rotary table	(°)	n x 360	n x 360	n x 360	n x 360
Standard spindle / head					
Type		F2U	F2U	F2U	F2U
Power / Torque (S1/100%)	(kW / Nm)	25 / 194	25 / 194	25 / 194	25 / 194
Swivel axis	(°)	-2 / 92	-2 / 92	-2 / 92	-2 / 92
Optional spindle / head					
Type		T30U	T30U	T30U	T30U
Power / Torque (S1/100%)	(kW / Nm)	40 / 239	40 / 239	40 / 239	40 / 239
Swivel axis	(°)	-100 / +100	-100 / +100	-100 / +100	-100 / +100
Optional spindle / head					
Type		T21U	T21U	T21U	T21U
Power / Torque (S1/100%)	(kW / Nm)	34 / 67	34 / 67	34 / 67	34 / 67
Swivel axis	(°)	-100 / +100	-100 / +100	-100 / +100	-100 / +100
Clamping surface	(mm)	1800 x 1800	1800 x 1800	2300 x 2300	2300 x 2300
Workpiece weight	(kg)	15000	20000	40000	40000
Feed rate	(mm/min)	30000	40000	40000	40000

CENTRES

6

MILLING CENTRES VERTICAL

strojimport
TOS • ULIN GROUP



VERTICAL MILLING MACHINES 5-AXIS WITH FIXED TABLE		VF 2216	VF 2221	VF 3016	VF 3021	VF 3525
Travels X-axis	(mm)	2300	3500	3000	3000	5500
Travels Y-axis	(mm)	1450 ÷ 1600	2500	1600	2100	2500
Travels Z-axis	(mm)	1000	1250	1200	1200	1500
Standard spindle / head	(type)	T21C	F2F	T21C	T21C	F2F
Power / Torque (S1/100%)	(kW / Nm)	34 / 67	25 / 195	34 / 67	34 / 67	25 / 194
Swivel axis	(°)	-100 / +100	-2 / +92	-100 / +100	-100 / +100	-2 / +92
Rotary axis	(°)	-	-182 / 182	-	-	-240 / +240
Optional spindle / head	(type)	H9C	F4F / F5F	T30C	T30C	F4F / F5F
Power / Torque (S1/100%)	(kW / Nm)	42 / 67	40 / 360	40 / 239	40 / 239	40 / 350
Swivel axis	(°)	-110 / +110	-50 / +95	-	-	-
Rotary axis	(°)	-220 / +220	-240 / 240	-	-	-
Optional spindle / head	(type)	T30C	T21C	-	-	-
Power / Torque (S1/100%)	(kW / Nm)	40 / 239	34 / 67	-	-	-
Swivel axis	(°)	-100 / 100	-100 / 100	-100 / 100	-100 / 100	-50 / +95
Rotary axis	(°)	-240 / 240	-240 / 240	-240 / 240	-240 / 240	-240 / 240
Clamping surface	(mm)	3000 x 1750	4000 x 2800	3500 x 1750	3500 x 1750	4000 x 2800
Workpiece weight	(kg)	37000	79000	43000	43000	79000
Feed rate	(mm/min)	30000	30000 ÷ 25000	40000	40000	40000

VERTICAL MILLING MACHINES 5-AXIS WITH FIXED TABLE		VF 4525	VF 4535	VF 5535	VF 4545
Travels X-axis	(mm)	4500	4500	5500	4500
Travels Y-axis	(mm)	2500	3500	3500	4500
Travels Z-axis	(mm)	1500	1500	1500	1500
Standard spindle / head	(type)	F2F	F2F	F2F	F2F
Power / Torque (S1/100%)	(kW / Nm)	25 / 194	25 / 194	25 / 194	25 / 194
Swivel axis	(°)	-2 / +92	-2 / +92	-2 / +92	-2 / +92
Rotary axis	(°)	-240 / +240	-240 / +240	-240 / +240	-240 / +240
Optional spindle / head	(type)	F4F / F5F	F4F / F5F	F4F / F5F	F4F / F5F
Power / Torque (S1/100%)	(kW / Nm)	40 / 350	40 / 350	40 / 350	40 / 350
Swivel axis	(°)	-	-	-	-
Rotary axis	(°)	-	-	-	-
Optional spindle / head	(type)	-	-	-	-
Power / Torque (S1/100%)	(kW / Nm)	-	-	-	-
Swivel axis	(°)	-50 / +95	-50 / +95	-50 / +95	-50 / +95
Rotary axis	(°)	-240 / 240	-240 / 240	-240 / 240	-240 / 240
Clamping surface	(mm)	5000 x 2800	5000 x 3800	6000 x 3800	5000 x 4800
Workpiece weight	(kg)	98000	133000	160000	168000
Feed rate	(mm/min)	40000	40000	40000	40000

CENTRES

6

MILLING CENTRES VERTICAL

strojimport
TOS • ULIN GROUP



VERTICAL MILLING MACHINES 5-AXIS WITH CHANGEABLE TABLE		VM 4525	VM 4535	VM 5535	VM 4545
Travels X-axis	(mm)	4500	4500	5500	4500
Travels Y-axis	(mm)	2500	3500	3500	4500
Travels Z-axis	(mm)	1500	1500	1500	1500
Optional spindle / head	(type)	S1M	S1M	S1M	S1M
Power / Torque (S1/100%)	(kW / Nm)	52 / 1000	52 / 1000	52 / 1000	52 / 1000
Optional spindle / head	(type)	F4M / F5M	F4M / F5M	F4M / F5M	F4M / F5M
Power / Torque (S1/100%)	(kW / Nm)	40 / 350	40 / 360	40 / 360	40 / 360
Swivel axis	(°)	-50 / +95	-50 / +95	-50 / +95	-50 / +95
Rotary axis	(°)	-240 / +240	-240 / +240	-240 / +240	-240 / +240
Clamping torque (swivel axis)	(Nm)	17200	17200	17200	17200
Clamping torque (rotary axis)	(Nm)	15000	15000	15000	15000
Indexing increment	(°)	continuous / 0,001	continuous / 0,001	continuous / 0,001	continuous / 0,001
Optional spindle / head	(type)	T21M	T21M	T21M	T21M
Power / Torque (S1/100%)	(kW / Nm)	34 / 67	34 / 67	34 / 67	34 / 67
Swivel axis	(°)	-100 / +100	-100 / +100	-100 / +100	-100 / +100
Rotary axis	(°)	-240 / +240	-240 / +240	-240 / +240	-240 / +240
Clamping surface	(mm)	5000 x 2800	5000 x 3800	6000 x 3800	5000 x 4800
Workpiece weight	(kg)	98000	133000	160000	168000
Feed rate	(mm/min)	40000	40000	40000	40000
Optional spindle / head	(type)	H2M	H2M	H2M	H2M
Power / Torque (S1/100%)	(kW / Nm)	41 / 1000	41 / 1000	41 / 1000	41 / 1000
Swivel axis	(°)	-110 / +110	-110 / +110	-110 / +110	-110 / +110
Rotary axis	(°)	-240 / +240	-240 / +240	-240 / +240	-240 / +240
Optional spindle / head	(type)	S2M	S2M	S2M	S2M
Power / Torque (S1/100%)	(kW / Nm)	25 / 200	25 / 200	25 / 200	25 / 200
Optional spindle / head	(type)	A2.1M	A2.1M	A2.1M	A2.1M
Power / Torque (S1/100%)	(kW / Nm)	18 / 140	18 / 140	18 / 140	18 / 140

CENTRES

6

MILLING CENTRES VERTICAL

strojimport
TOS ULIN GROUP



VETRICAL MILLING MACHINES 5-AXIS WITH FIXED TABLE FOR FINISHING		V 3528	V 4528	V 5528	V 6528
Travels X-axis	(mm)	3500	4500	5500	6500
Travels Y-axis	(mm)	2800	2800	2800	2800
Travels Z-axis	(mm)	1250	1250	1250	1250
Standard spindle / head					
Type		T21C	T21C	T21C	T21C
Power / Torque (S1/100%)	(kW / Nm)	29 / 69	29 / 69	29 / 69	29 / 69
Swivel axis	(°)	-100 / +100	-100 / +100	-100 / +100	-100 / +100
Clamping surface	(mm)	4000 x 2800	5000 x 2800	6000 x 2800	7000 x 2800
Workpiece weight	(kg)	78400	98000	117600	137200
Feed rate		50000	50000	50000	50000



MILLING CENTRES HORIZONTAL		MCH 500	MCH 630	MCH 800
Spindle axis to pallet distance	(mm)	100÷750	100÷900	100 ÷ 1300
Spindle face to pallet centre distance	(mm)	150÷800	150 ÷ 1030	150 ÷ 1475
X / Y / Z - axis travel	(mm)	720 / 650 / 650	1050 / 800 / 880	1400 / 1200 / 1325
X / Y / Z - rapid traverse rate	(m/min)	48 / 48 / 48	48 / 48 / 48	48 / 40 / 48
Pallet	(mm)	500 × 500	630 × 630	800 × 800
Number of pallets	-	2	2	2
Maximum workpiece weight	(kg)	800	1200	2000
Max. spindle speed (rpm)	(rpm)	10000	10000	6000 (10000)
Spindle motor output (cont / 30 min.)	(kW)	25 / 30	25 / 30	22 / 26 (25 / 30)
Spindle taper cavity	-	ISO 50	ISO 50	ISO 50
Number of pots in tool magazine	-	40 (60, 90, 120)	40 (60, 90, 120)	40 (60, 90, 120)
Control system	-	FANUC, HEIDENHAIN iTNC 530 HSCI, SIEMENS 840D s	FANUC, HEIDENHAIN iTNC 530 HSCI, SIEMENS 840D sl	FANUC, HEIDENHAIN iTNC 530 HSCI, SIEMENS 840D sl

CENTRES

6

HORIZONTAL MACHINING CENTRES

strojimport
TOS • ULIN GROUP



HORIZONTAL MACHINING CENTRES		H 500	H 630	H 800	H 800 Five Axis	H 1000
Table - working area	(mm)	500 x 500	630 x 630	800 x 800	800 x 630 (ø 800)	1000 x 1000
Travels X, Y, Z	(mm)	560, 560, 560	750, 700, 770	1010, 1050, 1010	1000, 1050, 1000	1400, 1050, 1200
Speed range	(rpm)	10000 (15000÷18000)	8000	8000 (4500)	14000 (15000÷18000)	8000
Table - Max. load	(kg)	300	800	2500	1000	2500
Total power output - main drive	(kW)	30(31)	30 (31,37)	43 (25)	31 (37)	43
Number of tool pots in magazine		45	56	56	56	56



HORIZONTAL MILLING MACHINES 4-AXIS WITH ROTARY TABLE FINISHING		HC 1212	HC 1612	HC 2012	HC 2520
Travels X-axis	(mm)	1200	1600	2000	2500
Travels Y-axis	(mm)	1200	1200	1200	2000
Travels Z-axis	(mm)	800	800	800	1000
Rotary table	(°)	n x 360	n x 360	n x 360	n x 360
Rotary table	(mm)				1500
Standard spindle / head					
Power / Torque (S1/100%)	(kW / Nm)	25 / 200	25 / 200	25 / 200	25 / 200
Optional spindle / head					
Power / Torque (S1/100%)	(kW / Nm)	32 / 306	32 / 306	32 / 306	32 / 306
Clamping surface	(mm)	1600 x 1600	1600 x 1600	1600 x 1600	2300 x 2300
Workpiece weight	(kg)	20000	20000	20000	40000
Feed rate	(mm/min)	30000	30000	30000	30000

CENTRES

6

HORIZONTAL MACHINING CENTRES

strojimport
TOS • ULIN GROUP



HORIZONTAL MILLING MACHINES 7-AXIS WITH ROTARY/MOVABLE TABLE		HF 1212	HF 1612	HF 2012
Travels X-axis	(mm)	1200	1600	2000
Travels Y-axis	(mm)	1200	1200	1200
Travels Z-axis	(mm)	800	800	800
Rotary table	(°)	n x 360	n x 360	n x 360
Table movement	(mm)	1500	1500	1500
Standard spindle / head				
Type		F2F	F2F	F2F
Power / Torque (S1/100%)	(kW / Nm)	25 / 194	25 / 194	25 / 194
Swivel axis	(°)	-2 / +92	-2 / +92	-2 / +92
Rotary axis	(°)	-182 / +182	-182 / +182	-182 / +182
Optional spindle / head				
Type		T21C	T21C	T21C
Power / Torque (S1/100%)	(kW / Nm)	34 / 67	34 / 67	34 / 67
Swivel axis	(°)	-100 / +100	-100 / +100	-100 / +100
Rotary axis	(°)	-240 / +240	-240 / +240	-240 / +240
Optional spindle / head				
Type		T30C	T30C	T30C
Power / Torque (S1/100%)	(kW / Nm)	40 / 239	40 / 239	40 / 239
Swivel axis	(°)	-100 / +100	-100 / +100	-100 / +100
Rotary axis	(°)	-240 / +240	-240 / +240	-240 / +240
Clamping surface	(mm)	1600 x 1600	1600 x 1600	1600 x 1600
Workpiece weigh	(kg)	20000	20000	20000
Feed rate	(mm/min)	30000	30000	30000

CENTRES

6

MILLING CENTRES HORIZONTAL

strojimport
TOS • ULIN GROUP



HORIZONTAL MILLING MACHINES 7-AXIS WITH ROTARY/MOVABLE TABLE AND CHANGEABLE HEADS		HM 2520
Travels X-axis	(mm)	2500
Travels Y-axis	(mm)	2000
Travels Z-axis	(mm)	1000
Rotary table	(°)	n x 360
Table movement	(mm)	1500
Standard spindle / head		
Type		T30M
Power / Torque (S1/100%)	(kW / Nm)	40 / 248
Swivel axis	(°)	+/-100
Optional spindle / head		
Type		T21M
Power / Torque (S1/100%)	(kW / Nm)	42 / 62
Swivel axis	(°)	+/-100
Optional spindle / head		
Type		S2M
Power (S6/40%)	(kW)	50
Torque (S1/100%)	(Nm)	67
Torque (S6/100%)	(Nm)	84

GEAR CUTTING MACHINES

7

GEAR HOBBING MACHINES

GEAR SHAPING MACHINES

strojimport
TOS ULIN GROUP



GEAR HOBBING MACHINES		OFA 32 CNC 6	OFA 75 CNC 6	OFA 100 CNC 6
Max. module of milled gear	(mm)	7	12 (14)	14 (16)
Max. dia of milled gear	(mm)	320	750 (900)	1050 (1120)
Max. carriage path	(mm)	300	630	630
Max./min. distance of tool axis from table axis	(mm)	300/40	580/60	625/80
Main motor power	(kW)	12	28	28



GEAR SHAPING MACHINES		OHA 50 CNC 5
Max. module of shaped gear	(mm)	8
Max. diameter of shaped gear	(mm)	500
Max. width of shaped gear	(mm)	125
Max. table load	(kg)	300
Max. distance of the arm axis to the table axis	(mm)	355
Main motor power	(kW)	17

FORMING MACHINES

8

TABLE SHEARS

strojimport
TOS ULIN GROUP



TABLE SHEARS		CNTF 2004 NC	CNTF 2504 NC	CNTF 3004 NC	CNTF 4004 NC
Sheared length	(mm)	2050	P	3050	P
Max. sheet metal thickness - 450 MPa	(mm)	4	4	4	4
Min. sheet metal thickness	(mm)	0,4	0,4	0,4	0,6

TABLE SHEARS		CNTF 2006 NC	CNTF 2506 NC	CNTF 3006 NC	CNTF 4006 NC
Sheared length	(mm)	2050	P	3050	P
Max. sheet metal thickness - 450 MPa	(mm)	6	6	6	6
Min. sheet metal thickness	(mm)	0,6	0,6	0,6	0,8



TABLE SHEARS		NHM 3006	NHM 3006-T	NHM 3010	NHM 3010-T	NHM 3016-T
Sheared length	(mm)	3050	3050	3050	3050	3050
Max. sheet metal thickness - 450 MPa	(mm)	6	6	10	10	16
Max. number of strokes		20/500	20/500	18/500	18/500	12/500

FORMING MACHINES

8

BENDING MACHINES

strojimport
TOS • ULIN GROUP



BENDING MACHINES		IB 25 BR CNC / IB 25 UNI	IB 40 BR CNC / IB 40 UNI	IB 40M BR CNC	IB 40 MT BR CNC	IB 60 BR CNC / IB 60 UNI
Version		electro-mechanical	electro-mechanical	electro-mechanical	electro-mechanical	electro-mechanical
Max. dimension of bent tube D x t (at $R_e=245$ MPa)	(mm)	25 x 2	40 x 2	40 x 2	40 x 2	63 x 3
Max. dimension of bent tube D x t (at $R_e=295$ MPa)	(mm)	22 x 2	35 x 2	35 x 2	35 x 2	54 x 3
Max. bending angle	(°)	190	190	190	190	185
Min. bending angle	(°)	5	5	5	5	5
Power	(kW)	5,5	15,10	15	15	25/21

BENDING MACHINES		XOTH 80 TB BR CNC / UNI	XOTH 114 TB BR CNC / UNI	XOTH 120 TB BR CNC / UNI
Version		hydraulic	hydraulic	hydraulic
Max. dimension of bent tube D x t (at $R_e=245$ MPa)	(mm)	76 x 6	114 x 5,6	120 x 7
Max. dimension of bent tube D x t (at $R_e=295$ MPa)	(mm)	63 x 4	89 x 5	102 x 5
Max. bending angle	(°)	185	185	185
Min. bending angle	(°)	5	5	5
Power	(kW)	22	25 / 23	60 / 45

FORMING MACHINES

8

SHEET BENDING MACHINES

ROLL BENDING MACHINES

strojimport
TOS • ULIN GROUP



SHEET BENDING MACHINES		XOMM 2000/4	XOMM 2000/6	XOMM 3000/4	XOMM 3000/6
Max. length of processed sheet metal	(mm)	2000	2000	3000	3000
Max. thickness of processed sheet metal (R_m up to 500 MPa)	(mm)	4	6	4	6
Max. bending angle	(°)	135	135	135	135



ROLL BENDING MACHINES		XZP 65
Version		electric
Roll diameter	(mm)	400
Shaft speed	(rpm)	5
Main motor input	(kW)	3

PRESS MACHINES

9

UNIVERSAL PRESSES

ECCENTRIC PRESSES

strojimport
TOS ULIN GROUP

UNIVERSAL PRESSES		ZHW 6	ZHW 10	ZHW 16	ZHW 25	ZHW 40
Pressure Force	(kN)	60	100	160	250	400
Output	(kW)	1,5	3	4	5,5	11
Ram stroke	(mm)	160	200	200	250	250
Ram surface	(mm)	180x250	200x280	200x280	250x350	250x470
Throat (Gap)	(mm)	160	200	200	250	315



UNIVERSAL PRESSES		LEN 10 C	LEN 25 C	LEN 40 C	LEN 63 C	LEXN 100 C
Nominal press force	(kN)	100	250	400	630	1000
Adjustability of stroke	(mm)	6 ÷ 65	8 ÷ 85	8 ÷ 95	10 ÷ 105	10 ÷ 125
Ram surface	(mm)	280 x 180	355 x 220	400 x 250	450 x 280	560 x 360
Table surface	(mm)	450 x 320	560 x 450	660 x 530	800 x 630	1000 x 640
Grip	(mm)	225	265	295	335	380
Total power input - main drive	(kW)	1,8/3,6	2,5/5	3,5/7	3,5/7	5,6/11

PRESS MACHINES

9

HYDRAULIC PRESSES

strojimport
TOS • ULIN GROUP

HYDRAULIC PRESSES		CUPS 10 DEU	CUPS 16 DEU	CUPS 25 DEU	CUPS 40 DEU	CUPS 63 DEU
Nominal forming force	(kN)	100	160	250	400	630
Nominal input	(kW)	2,7	4,5	6	8	8
Ram working feed	(mm/s)	25/15/9	27/18/9	27/18/8	25/18/8	20/13/8
Ram feed (to the top dead centre)	(mm/s)	38/25/12	40/25/12	40/27/12	42/30/13	80/55/40
Open height	(mm)	350	350	400	450	500
Ram stroke	(mm)	200	200	250	250	250
Table clamping surface	(mm)	320x400	320x400	400x500	480x600	480x660

HYDRAULIC PRESSES		CMS 2,5 DM	CMS 6,3 DM
Nominal forming force	(kN)	25	63
Nominal pressure	(MPa)	19	20
Nominal input	(kW)	1,3	2,7
Ram working feed	(mm/s)	5-40	5-40
Ram stroke	(mm)	125	125
Distance between the pillar and ram centre	(mm)	160	160

HYDRAULIC PRESSES		CYS 320
Stroke	(mm)	200
Shut height (minimal distance between the ram and the table)	(mm)	560
Working velocity	(mm/s)	5
Approaching velocity	(mm/s)	15
Table dimensions	(mm)	2000x1010
Ram dimensions	(mm)	2000x1000

HYDRAULIC PRESSES		CDN 400
Nominal force	(kN)	4000
Stroke	(mm)	1000
Approach speed	(mm/s)	42
Speed min.	(mm/s)	1
Return speed	(mm/s)	30 ÷ 40
Table clamping surface C1	(mm/s)	3000 x 3100
Table clamping surface C2	(mm)	6000 x 3100
Table clamping surface C3	(mm)	9000 x 3100
Frame travel speed	(mm/s)	100
Press cylinder travel speed	(mm/s)	50
Main motor power	(kW)	12
Press height	(mm)	4520



PRESS MACHINES

9

HYDRAULIC PRESSES

strojimport
TOS • ULIN GROUP

HYDRAULIC PRESSES		CBA 100	CBA 160	CBA 200	CBA 250
Nominal Pressure	(kN)	1000	1600	2000	5000
Table Dimension	(mm)	650 x 650	750 x 750	1530 x 1230	1230 x 1000
Stroke	(mm)	400	500	900	650
Throat Depth	(mm)	800	900	1500	1200
Frame Construction		welded	welded	4-column	4-column

HYDRAULIC PRESSES		CBR 100	CBR 160	CBR 200	CBR 250	CBR 400	CBR 500
Strenght	(kN)	1000	1600	2000	2500	4000	5000
Dimensions of mounting	(mm)	700 x 700	700 x 700	800 x 800	800 x 800	1000 x 1000	1000 x 1000
Approach speed	(mm/s)	125	85	90	110	75	60
Pressing speed	(mm/s)	6	3,5	3	2,5	3,5	3
Return speed	(mm/s)	130	80	90	100	75	60
Weight	(kg)	4500	5500	6000	6500	14000	15000
Power	(kW)	11	11	15	18,5	30	30
Operating pressure	(bar)	290	305	300	315	310	315
Mold height	(mm)	400	400	400	400	400	400
Stroke	(mm)	500	500	600	600	700	700
Opening	(mm)	900	900	1000	1000	1100	1100

HYDRAULIC PRESSES		CDC 30-S1	CDC 50-S1	CDC 100-S1
Force	(kN)	300	500	1000
Throat	(mm)	200	200	250
Stroke	(mm)	400	400	500
Speed fast/slow	(mm/s)	65 / 3,5	45 / 2,3	50 / 5
Power input	(kW)	3,5	3,5	11



HYDRAULIC PRESSES		CDC 30	CDC 40	CDC 50	CDC 75	CDC 100	CDC 120
Force	(kN)	300	400	500	750	1000	1200
Dimensions of top table	(mm)	500 x 400	500 x 400	550 x 450	550 x 450	750 x 500	750 x 500
Dimension of bottom table	(mm)	600 x 400	600 x 400	650 x 450	650 x 450	800 x 500	800 x 500
Approach speed	(mm/s)	120	100	140	100	100	85
Pressing speed	(mm/s)	3	3	7	5	4,5	4
Backward rate	(mm/s)	160	146	150	110	100	100
Weight	(kg)	3200	3400	3800	4000	6000	6300
Power	(kW)	3	3	7,5	7,5	11	11
Supply VG	(l/min)	45	45	75	75	100	100
Supply NG	(l/min)	2,5	2,5	8,2	8,2	10	10
Tank capacity	(l)	100	100	150	150	250	250

PRESS MACHINES

9

HYDRAULIC PRESSES

strojimport
TOS ULIN GROUP

HYDRAULIC PRESSES		DLH500
Max. clamp force	(kN)	4770
Travel	(mm)	560
Minimum machine opening	(mm)	1000
Maximum machine opening	(mm)	350 ÷ 1350
Moving plate adjustment	(mm)	1500
Adjustment step	(mm)	50



HYDRAULIC PRESSES		CDCR	CDMR	CDSR
Pressing force	(kN)	8 ÷ 28	8 ÷ 200	8 ÷ 28
Travel	(mm)	to 280	to 360	to 260
Working area	(mm)	to 285 x 285	to 285 x 285	to 580 x 580
Frame structure		C frame	Closed, adjustable cross members	C shaped frame, fixed bottom table

HYDRAULIC PRESSES		OL15	OL28	OL50
Pressing force	(kN)	152	283	509
Travel	(mm)	500	750	1000
Distance between columns	(mm)	650 x 400	1000 x 1000	1350 x 1350
Height of ram above the table	(mm)	200 ÷ 700	250 ÷ 1000	350 ÷ 1350
Plates dimensions	(mm)	585 x 835	1300 x 1300	1670 x 16070
Minimum die dimension	(mm)	200 x 150	450 x 450	500 x 500



HYDRAULIC PRESSES		TL6-250	TL6-400	TL6-500	TL6-750
Nominal clamp force	(kN)	2500	4000	5000	7500
Maximum clamp force	(kN)	2800	4500	5200	8100
Die height min/max	(mm)	250 / 700	250 / 750	250 / 750	350 / 900
Dimension of clamp plates	(mm)	840 x 840	990 x 990	990 x 990	1200 x 1200
Maximum weight of casted alloy	(kg)	3,3	6,3	6,3	10,6
Diameters of filling assemblies	(mm)	50 ÷ 80	60 ÷ 100	60 ÷ 100	60 ÷ 120
Dimensions HxWxL (without protecting plates)	(mm)	2600 x 1900 x 5700	2670 x 2300 x 6550	2680 x 2000 x 7050	3100 x 2800 x 7800



PRESSES BRAKES		HOL 40 NC	HOL 40 NC / E
Type of control		numeric	manual
Bending power	(t)	40	40
Max. sheet thickness	(mm)	0,4÷6	0,4÷6
Working table width	(mm)	800, 1250, 1500, 2000	
Distance between the punch and die	(mm)	310	
Max. punch stroke	(mm)	100	
Bending feed	(mm/s)	10	
Bending feed (to the top dead centre)	(mm/s)	12	
Clamping of tools		manual	
Camber		manual	
Rear holder - range of adjustment		5÷420 numeric	5÷420 manual
Rear holder feed	(mm/s)	40	
Main motor output	(kW)	40	
Max. size of punch	(mm)	50	

PRESS MACHINES

9

FORGING PRESSES

strojimport
TOS ULIN GROUP



FORGING PRESSES		LZK 1000 P/SH	LZK 1600 P/SH	LZK 2500 P/SH
Forming force	(MN)	10,0	16,0	25,0
Shut height	(mm)	620	760	905
Passage	(mm)	1040	1230	1410
Bed area	(mm)	1000 x 950	1180 x 1120	1340 x 1400
Ram area	(mm)	968 x 750	1138 x 920	1320 x 1100
Hydraulic ram adjustment	(mm)	10	10	10
Stroke / Number of strokes	(mm/min ⁻¹)	220 / 100	280 / 85	320 / 65
Total installed output	(kW)	65,0	85,0	145,0

FORGING PRESSES		LZK 3150 B	LZK 4000 B	LZK 5000	LZK 6500
Forming force	(MN)	31,5	40,0	50,0	65,0
Shut height	(mm)	1000	1000	1100	1150
Passage	(mm)	1580	1580	1670	2100
Bed area	(mm)	1520 x 1520	1520 x 1600	1650 x 1650	1950 x 1900
Ram area	(mm)	1450 x 1450	1470 x 1500	1550 x 1650	1900 x 1700
Hydraulic ram adjustment	(mm)	20	20	20	20
Stroke / Number of strokes	(mm/min ⁻¹)	360 / 65	380 / 60	400 / 55	450 / 40
Total installed output	(kW)	175,0	220,0	330,0	420,0

FORGING PRESSES		LMZ 1000 A/S	LMZ 1600 A/S	LMZ 2500	LMZ 4000	LMZ 6500	LMZ 8000
Forming force	(MN)	10,0	16,0	25,0	40,0	65,0	80,0
Shut height	(mm)	660	800	910	1100	1250	1380
Passage	(mm)	1120	1290	1470	1850	2300	2400
Bed area	(mm)	1080 x 950	1240 x 1150	1420 x 1400	1800 x 1700	2200 x 2000	2300 x 2300
Ram area	(mm)	1010 x 850	1160 x 1035	1350 x 1250	1550 x 1700	2100 x 1890	2240 x 2190
Hydraulic ram adjustment	(mm)	10	10	10	20	20	30
Stroke / Number of strokes	(mm/min ⁻¹)	220 / 115	270 / 85	320 / 70	380 / 60	450 / 45	500 / 40
Total installed output	(kW)	65,0	85,0	145,0	220,0	410,0	650,0

PRESS MACHINES

9

FORGING PRESSES

strojimport
TOS • ULIN GROUP



FORGING PRESSES		CKV 630	CKV 1000	CKV 1600	CKV 2500
Nominal forming force	(MN)	6,3	10	16	25
Return force	(MN)	0,6	1,5	1,9	2,45
Stroke	(mm)	1000	1250	1400	1800
Maximum opening	(mm)	2000	2500	2800	3900
Maximum eccentricity	(mm)	150	250	250	300
Distance between columns	(mm)	1370	2040	2200	2940
Max. height above floor level	(mm)	5600	7400	8000	9800
Max. depth under floor level	(mm)	1400	1700	1900	2600
Total length	(mm)	8620	10700	12700	15800
Total width	(mm)	10070	11650	13500	16100
Forming speed max.	(mm/s)	120	120	120	120
Number of smoothing strokes	(1/min)	100 ÷ 120	95 ÷ 110	95 ÷ 110	80 ÷ 100

FORGING PRESSES		CKV 3200	CKV 4000	CKV 6300	CKV 8000	CKV 12000
Nominal forming force	(MN)	32	42	60	84	120
Return force	(MN)	3,2	3,9	5,6	8	9,2
Stroke	(mm)	2000	2250	2500	3000	3000
Maximum opening	(mm)	4600	4500	6000	7000	6500
Maximum eccentricity	(mm)	300	250	250	250	250
Distance between columns	(mm)	3400	3000	4000	4300	4700
Max. height above floor level	(mm)	11200	12500	14700	17800	18900
Max. depth under floor level	(mm)	2800	4500	5500	6500	8000
Total length	(mm)	19800	21500	23200	24000	42900
Total width	(mm)	20500	21000	21750	22300	28000
Forming speed max.	(mm/s)	120	70	63	63	60
Number of smoothing strokes	(1/min)	70 ÷ 90	70 ÷ 80	60 ÷ 70	50 ÷ 60	45 ÷ 55

PRESS MACHINES

9

FORGING PRESSES

strojimport
TOS • ULIN GROUP



FORGING PRESSES		CKW 630	CKW 1000	CKW 1600	CKW 2500
Nominal forming force	(MN)	6,3	10	16	25
Return force	(MN)	1,1	1,9	2,8	4,8
Stroke	(mm)	800	1000	1250	1600
Maximum opening	(mm)	1800	2250	2800	3600
Maximum eccentricity	(mm)	140	180	200	250
Distance between columns	(mm)	2250	2800	3500	4500
Lift of forging plate in longitudinal direction	(mm)	±800	±1 000	±1 250	±1 600
Max. height above floor level	(mm)	3065	3920	5340	6830
Max. depth under floor level	(mm)	3830	4670	6340	8100
Total length	(mm)	8620	10700	12700	15800
Total width	(mm)	10070	11650	13500	16100
Forming speed max.	(mm/s)	100	100	100	95
Number of smoothing strokes	(1/min)	100 ÷ 120	90 ÷ 100	90 ÷ 110	80 ÷ 100
Total installed power input	(kW)	650	900	1360	2150

FORGING PRESSES		CKW 3000	CKW 4000	CKW 6300	CKW 7000
Nominal forming force	(MN)	32	40	65	70
Return force	(MN)	5	8,9	13,7	13,7
Stroke	(mm)	1800	1800	2500	2800
Maximum opening	(mm)	4000	4000	6100	6400
Maximum eccentricity	(mm)	280	400	500	500
Distance between columns	(mm)	5000	3400	4700	4700
Lift of forging plate in longitudinal direction	(mm)	±1800	±1700	±3000	±3000
Max. height above floor level	(mm)	7450	8700	10400	13500
Max. depth under floor level	(mm)	8150	11000	13500	16500
Total length	(mm)	19800	21500	23200	24000
Total width	(mm)	20500	21000	21750	22300
Forming speed max.	(mm/s)	75	70	63	63
Number of smoothing strokes	(1/min)	85 ÷ 90	70 ÷ 80	60 ÷ 70	60 ÷ 65
Total installed power input	(kW)	2720	3200	4600	5000

ROLLING MACHINES

10

CROSS-WEDGE ROLLING MACHINES

strojimport
TOS • ULIN GROUP



CROSS-WEDGE ROLLING MACHINES		ULS 70	ULS 70 RA	ULS 100 RA	ULS 100 RA/AL	ULS 160 RA
Rolled material diameter	(mm)	35 ÷ 80	40 ÷ 70	40 ÷ 100	40 ÷ 100	50 ÷ 160
Maximal length of billet	(mm)	300	300	500	500	500
Maximum length of rolled product	(mm)	550	550	900	900	800
Rollers diameter	(mm)	700	700	1000	1000	1000
Rollers width	(mm)	600	700	1000	1000	800

ROLLING MACHINES

10

EQUIPMENT FOR SCRAP CUTTING

strojimport
TOS ULLIN GROUP

EQUIPMENT FOR SCRAP CUTTING		CNS 320 K	CNS 400 K
Charging chamber width	(mm)	1200	1600
Max. charging chamber height	(mm)	2060	2250
Charging chamber length	(mm)	2300	2480
Holder width	(mm)	1200	1600
Max. lift of the holder	(mm)	800	800
Max. lift of the tool slide	(mm)	800	800
Max. cutting capacity	(MN)	3	4
Max. force of the holder	(MN)	1	1
Oil working pressure	(MPa)	32	32
Nominal output of diesel engine	(kW)	74	74
Engine operating speed	(1/min)	2200	2200
Consumption of diesel oil per 1 tonne of scrap	(l)	2 ÷ 2,5	1,8 ÷ 2
Max. diameter cut	(mm)	95	110
Number of cuts	(1/min.)	4	1.8 ÷ 2,7
Output when cutting lengths 400 mm	(t/hour)	4 ÷ 7	6 ÷ 9
Max. speed of the holder	(mm/s)	260	260



EQUIPMENT FOR SCRAP CUTTING		CNS 800-1000-CV2	CNS 1100-100-CV2	CNS 1600-100-CV2
Cutting capacity	(kN)	8000	11000	16000
Holder force	(kN)	3000	3000	4000
Force of jaw cylinders	(kN)	2 x 1700	2 x 2200	2 x 2200
Force of cover cylinders	(kN)	2 x 1700	2 x 2200	2 x 2200
Force of pusher cylinders	(kN)	2000	2500	1200
Charging chamber length	(mm)	6000	8000	8000
Charging chamber width	(mm)	2000	2500	2500
Charging chamber height	(mm)	2000	2000	2000
Bale height	(mm)	700	700	900
Bale width	(mm)	900	900	900
Max. strength of material processed	(MPa)	440	440	440
Max. diameter cut	(mm)	170	200	240
Max. square cut	(mm)	150 x 150	180 x 180	210 x 210
Max. sheet metal cut	(mm)	100 x 900	120 x 900	140 x 900
Max. wall thickness of baled material	(mm)	6	6	6
Number of cuts	(1/min.)	4 ÷ 7	4,2 ÷ 6,9	3,2 ÷ 5,6
Installed power input of the main pumps	(kW)	4 x 75	6 x 75	6 x 75
Shears output	(t/hour)	24 ÷ 34	31 ÷ 44	23 ÷ 35

CNC CUTTING MACHINES

11

CNC CUTTING MACHINES

strojimport
TOS • ULIN GROUP

ARENA

Working width	(mm)	1500	2000
Width of the route	(mm)	2100	2600
Total width of the machine	(mm)	2980	3480
Working width with 1 support	(mm)	1650	2150
Span of route bases	(mm)	1800	2300
Working length	(m)	3,4 and 6	3,4 and 6
Height of the material table	(mm)	650 ÷ 700	650 ÷ 700
Maximum number of supports	(pcs)	2	2
Maximum travel speed	(m/min)	13	13



KOMPAKT

		10 x 20	15 x 20	15 x 30	15 x 60	20 x 30	20 x 40	20 x 60
Absolute area for metal sheet	(mm)	1100	1600	1600	1600	2100	2100	2100
Absolute area for metal sheet	(mm)	2160	2160	3240	6480	3240	4320	6480
Movable part of the machine	(mm)	1730	2230	2230	2230	2730	2730	2730
Total length of the machine	(mm)	3050	3050	4050	7290	4050	5050	7290
Maximum speed of movement	(m/min.)	30	30	30	30	30	30	30
Weight	(kg)	2200	2400	2600	4100	3000	3300	4500

LASER KOMPAKT

Format of the machine	(dm)	12,5 x 25	15 x 30
Total width of the machine	(mm)	2030	2440
Total length of the machine	(mm)	3 830 + travel grid	4 600 + travel grid
Working width with 1 support	(mm)	1350	1650
Working length	(mm)	2580	3100
Maximum travel speed	(mm/min.)	45300	45300



MIRA

Working width	(mm)	1000	1500	2000
Path width	(mm)	1600	2100	2600
Total machine width	(mm)	2210	2710	3210
Basic width	(mm)	1150	1500	2150
Span of route bases	(mm)	1300	1800	2300
Working length	(m)	2	3	4 a 6
Height of the material table	(mm)	600 ÷ 700	600 ÷ 700	600 ÷ 700
Maximum travel speed	(m/min.)	13	13	13



CNC CUTTING MACHINES

11

CNC CUTTING MACHINES

strojimport
TOS • ULIN GROUP

MIRON

Total width of the machine	(mm)	1970	2470
Working with one rest	(mm)	1090	1590
Working length	(mm)	2000	3000
Material table height	(mm)	650 ÷ 700	650 ÷ 700
Max. number of rests	(pcs)	2	2
Maximum travel speed	(m/min.)	13	13



PROXIMA

Working width	(mm)	1500	2000	2500	3000	then by 500	to 6000
Path width	(mm)	2100	2600	3100	3500		to 6600
Total machine width	(mm)	2990	3490	3990	4490		to 7490
Working with one rest	(mm)	1650	2150	2650	3150		to 6150
Working length	(m)	according to requirement (3, 4, 6, 8, 10, 12, 14, 15, 18, 20, 22 max.36)					
Material table height	(mm)	600 ÷ 700	600 ÷ 700	600 ÷ 700	600 ÷ 700	600 ÷ 700	600 ÷ 700
Max. number of rests	(pcs)	4	4	4 (6)	4 (6)	4 (6)	4 (6)
Max. working speed	(m/min.)	30	30	30	30	30	30



NAIL MAKING MACHINE		THA 14/32	THA 25/60	THA 31/80	THA 40/120
Number of nails manufactured	(pcs/min.)	900	700	600 (*660)	500 (*550)
Minimum diameter of wire	(mm)	0,7	1	2,2	2,5
Maximum diameter of wire	(mm)	1,4	2,5	3,15 **3,6	4,0 ***4,6
Minimum length of nail	(mm)	6	10	10	10
Maximum length of nails	(mm)	35	63	80 (90)	120
Max. diameter of Al-alloy wire	(mm)	-	4,0	5,0	6,0
Maximum diameter of head ****	(mm)	3,5	6,0	8,0	10
Maximum input	(kW)	3,5	3,4	5,9	5,9

* when using the frequency convertor (model „E,,)

** maximum 400 rpm

*** maximum 350 rpm

**** maximum 2,5 times the diameter of the steel wire

We offer & provide

- **Solution tailored to customer's needs**
- **Door-to-door delivery**
- **All-risk insurance**
- **Professional assembly**
- **Personnel training**
- **Technical assistance**
- **Spare parts deliveries**
- **Special accessories**
- **Overhaul repairs and modernization**

„Machine delivery is not the final stage for us, on the contrary, we are ready to assist to the client during the whole period of its operation, thus securing satisfaction and full functionality of supplied machine & equipment.”

Strojimport Team

NOTES

NOTES



strojimport

TOSHULIN GROUP

**CATALOGUE OF MACHINERY
AND EQUIPMENT**

**2019
/ 2020**

Machine tools,
forming machines
and investment units
into the wide world.

STROJIMPORT a.s.

U Nákladového nádraží 3146/6
130 00 Praha 3, CZECH REPUBLIC
Tel.: +420 222 863 216
E-mail: marketing@strojimport.cz

www.strojimport.com