
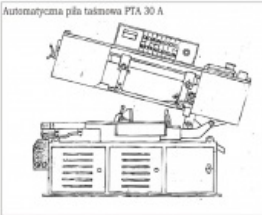



Gear shaper MAAG SH 100 - 20

IMAGES	DATA RANGE/TH>				
	<p>Parameters:</p> <table border="1"> <tr> <td>manufacturer</td> <td>MAAG</td> </tr> <tr> <td>model</td> <td>model SH 100</td> </tr> </table> <p>Description:</p> <p>max. wheel diameter 1200 mm gear width 320 mm max. module 15 min. module 2 stroke 345 mm tooth width - helical gear - 15 degrees 290 mm tooth width - helical gear - 30 degrees 255 mm tooth width - helical gear - 45 degrees 200 mm ram stroke range 8,6 - 33,8 Hub/min down feeds 43,2 - 110 mm/Hub rotary feeds 9-80 Hub/Tlg. electrics - voltage/frequency 380/50 V/Hz total power requirement 16 PS weight of the machine ca. 9 t dimensions of the machine ca. 3,3 x 2,2 x 2,8 m</p>	manufacturer	MAAG	model	model SH 100
manufacturer	MAAG				
model	model SH 100				

Automatic band-saw PTA 30 A - 61

IMAGES	DATA RANGE/TH>
 <p>Automatyczna piła taśmowa PTA 30 A</p>	<p>Parameters: Rok produkcji - 1994
 Średnica cięcia 90 st. - 300 mm
 Cięty prostokąt 90 st. - 350/250 mm
 Średnica cięcia 45 st. - 280 mm
 Cięty prostokąt 45 st. - 250/250 mm</p> <p>Description: Napięcie zasilania - 3x380 V Napięcie sterowania - 220 V</p>


Line for cutting and for roll forming metal plates into sheets - 64

IMAGES	DATA RANGE/TH>
 <p>Linia do prostowania i cięcia blach na arkusze</p>	<p>Parameters:</p> <p>Description:</p>

Floor Plates - 117

IMAGES	DATA RANGE/TH>
	<p>Parameters: Dimension[mm] 2700 x 5000 x 300 Quantity [pcs] 6 Dimension [mm] 2000 x 3000 x 400 Quantity[pcs] several Weight of one piece 6,5 ton.</p> <p>Description:</p> <p>var addthis_config = {"data_track_addressbar":true};</p>

Atlas Copco GA 708 air compressors - 127

IMAGES	DATA RANGE/TH>						
	<p>Parameters:</p> <table border="1"> <tr> <td>producent</td> <td>Atlas Copco</td> </tr> <tr> <td>model</td> <td>GA 708</td> </tr> <tr> <td>rok produkcji</td> <td></td> </tr> </table> <p>Description: ATLAS COPCO type GA 708 Very good condition Working Pressure 10 bar Output in m3 per hour: 432 m³/h 7,2m³/min. Engine power: 55kW</p>	producent	Atlas Copco	model	GA 708	rok produkcji	
producent	Atlas Copco						
model	GA 708						
rok produkcji							

Radial drilling machine GRV 554 - 129



IMAGES	DATA RANGE/TH>												
	<p>Parameters:</p> <table border="1"> <tr> <td>manufacturer</td> <td>H Cegielski</td> </tr> <tr> <td>model</td> <td>GRV 554</td> </tr> <tr> <td>new in</td> <td>1984</td> </tr> </table> <p>Description:</p> <table border="1"> <tr> <td>drilling diameter</td> <td>55/70 mm</td> </tr> <tr> <td>spindle travel</td> <td>935/1600mm</td> </tr> <tr> <td>power</td> <td>7,5 kW</td> </tr> </table> <p>var addthis_config = {"data_track_addressbar":true};</p>	manufacturer	H Cegielski	model	GRV 554	new in	1984	drilling diameter	55/70 mm	spindle travel	935/1600mm	power	7,5 kW
manufacturer	H Cegielski												
model	GRV 554												
new in	1984												
drilling diameter	55/70 mm												
spindle travel	935/1600mm												
power	7,5 kW												

Table Type Horizontal Borer Machine HWC-110 - 142

IMAGES	DATA RANGE/TH>						
	<p>Parameters:</p> <table border="1"> <tr> <td>Manufacturer</td> <td>Dąbrowska Fabryka Obrabiarek, Polnd,</td> </tr> <tr> <td>Type</td> <td>HWC - 110</td> </tr> <tr> <td>Year of production</td> <td>1961</td> </tr> </table> <p>Description:</p> <p>Spindle diameter 110 mm</p>	Manufacturer	Dąbrowska Fabryka Obrabiarek, Polnd,	Type	HWC - 110	Year of production	1961
Manufacturer	Dąbrowska Fabryka Obrabiarek, Polnd,						
Type	HWC - 110						
Year of production	1961						

Horizontal boring machine TOS WH 80 - 191


IMAGES	DATA RANGE/TH>														
	<p>Parameters:</p> <table border="1"> <tr> <td>producent</td> <td>TOS</td> </tr> <tr> <td>model</td> <td>WH 80</td> </tr> <tr> <td>rok produkcji</td> <td>1969</td> </tr> </table> <p>Description:</p> <table border="1"> <tr> <td>Working spindle dia.:</td> <td>80 mm</td> </tr> <tr> <td>Spindle taper</td> <td>Morse 5</td> </tr> <tr> <td>Travel X-axis :</td> <td>1250 mm</td> </tr> <tr> <td>Longitudinal adjustment of table (Z) :</td> <td>1250 mm</td> </tr> </table>	producent	TOS	model	WH 80	rok produkcji	1969	Working spindle dia.:	80 mm	Spindle taper	Morse 5	Travel X-axis :	1250 mm	Longitudinal adjustment of table (Z) :	1250 mm
producent	TOS														
model	WH 80														
rok produkcji	1969														
Working spindle dia.:	80 mm														
Spindle taper	Morse 5														
Travel X-axis :	1250 mm														
Longitudinal adjustment of table (Z) :	1250 mm														




Clamping area of table : 1000 x 1090 mm
Main motor output : 10 kW

```
var addthis_config = {"data_track_addressbar":true};
```


Shredder UNTHA RS 30 4-S 22 kW (2x11kW) - 194

IMAGES	DATA RANGE/TH>																		
	<p>Parameters:</p> <table border="1"> <tr> <td>producent</td> <td>UNTHA</td> </tr> <tr> <td>model</td> <td>RS 30 4-S</td> </tr> </table> <p>Description:</p> <table border="1"> <tr> <td>Engine [kW]:</td> <td>22 (2x11 kW)</td> </tr> <tr> <td>Shredding area [mm]:</td> <td>500 x 460</td> </tr> <tr> <td>No of shafts:</td> <td>4</td> </tr> <tr> <td>Riddle fi Ø [mm]:</td> <td>30</td> </tr> <tr> <td>Weight [kg]:</td> <td>1.500 +/-</td> </tr> <tr> <td>Dimension [mm]: 1.700 w:[mm]:1.190 h:[mm]:</td> <td>1.990</td> </tr> <tr> <td>Cutting knives [mm]:</td> <td>19</td> </tr> </table> <p>var addthis_config = {"data_track_addressbar":true};</p>	producent	UNTHA	model	RS 30 4-S	Engine [kW]:	22 (2x11 kW)	Shredding area [mm]:	500 x 460	No of shafts:	4	Riddle fi Ø [mm]:	30	Weight [kg]:	1.500 +/-	Dimension [mm]: 1.700 w:[mm]:1.190 h:[mm]:	1.990	Cutting knives [mm]:	19
producent	UNTHA																		
model	RS 30 4-S																		
Engine [kW]:	22 (2x11 kW)																		
Shredding area [mm]:	500 x 460																		
No of shafts:	4																		
Riddle fi Ø [mm]:	30																		
Weight [kg]:	1.500 +/-																		
Dimension [mm]: 1.700 w:[mm]:1.190 h:[mm]:	1.990																		
Cutting knives [mm]:	19																		

Radial Drilling Machine 2A587 - 195


IMAGES	DATA RANGE/TH>														
	<p>Parameters:</p> <table border="1"> <tr> <td>producent</td> <td>Russia</td> </tr> <tr> <td>model</td> <td>2A587</td> </tr> <tr> <td>rok produkcji</td> <td>1988</td> </tr> </table> <p>Description:</p> <table border="1"> <tr> <td>drilling diameter</td> <td>100 mm</td> </tr> <tr> <td>horizontal stroke of headstock</td> <td>3150 mm</td> </tr> <tr> <td>vertical</td> <td>1500 mm</td> </tr> <tr> <td>working area</td> <td>1800 x 3600 mm</td> </tr> </table> <p>var addthis_config = {"data_track_addressbar":true};</p>	producent	Russia	model	2A587	rok produkcji	1988	drilling diameter	100 mm	horizontal stroke of headstock	3150 mm	vertical	1500 mm	working area	1800 x 3600 mm
producent	Russia														
model	2A587														
rok produkcji	1988														
drilling diameter	100 mm														
horizontal stroke of headstock	3150 mm														
vertical	1500 mm														
working area	1800 x 3600 mm														


Radial drilling machine VOM 50 - 196

IMAGES	DATA RANGE/TH>						
	<p>Parameters:</p> <table border="1"> <tr> <td>producent</td> <td>MAS</td> </tr> <tr> <td>model</td> <td>URM-50A</td> </tr> <tr> <td>rok produkcji</td> <td>1963</td> </tr> </table> <p>Description:</p> <p>radius of drilling capacity 1370 – 2270 mm arm and drill head swivel in all axes</p>	producent	MAS	model	URM-50A	rok produkcji	1963
producent	MAS						
model	URM-50A						
rok produkcji	1963						


```
var addthis_config = {"data_track_addressbar":true};
```

Lathe 16K20 x 1400 - 220


IMAGES	DATA RANGE/TH>										
	<p>Parameters:</p> <table><tr><td>manufacturer</td><td>Stanko</td></tr><tr><td>model</td><td>16K20</td></tr></table> <p>Description:</p> <table><tr><td>max working diameter</td><td>1000mm</td></tr><tr><td>max swing over bed</td><td>400 mm</td></tr><tr><td>swing over carriage</td><td>220 mm</td></tr></table>	manufacturer	Stanko	model	16K20	max working diameter	1000mm	max swing over bed	400 mm	swing over carriage	220 mm
manufacturer	Stanko										
model	16K20										
max working diameter	1000mm										
max swing over bed	400 mm										
swing over carriage	220 mm										

IMAGES	DATA RANGE/TH>				
	<p>Parameters:</p> <table border="1"> <tr> <td>manufacturer</td> <td>ECO-LITTER Srl</td> </tr> <tr> <td>new in</td> <td>2006</td> </tr> </table> <p>Description: Complete line for the production of wood briquettes for domestic animals / pellet fuel oils ECO-LITTER Srl</p> <p>Time to dismantle and removal of equipment is 2 months from the date of purchase. Note: in December 2012 the bagging machine was sold.</p> <p>APPROXIMATE PRODUCTION OF BRIQUET FOR DOMESTIC ANIMAL S</p> <p>2.750 / 3.500 tons / hour. (550 bags 5 kg – 700 bags 5 kg)</p> <p>2 shifts after 8h x 300 days of work. = 44/66 tons. / Day 13,200 / 19,800 tones. / Year</p> <p>3 shifts of 8h x 300 days of work = 66/84 tons. / Day / 19,800 / 25,200 tones. / Year</p> <p>The pellet fuel oils, these values are reduced by about 10% of which are less theoretical performance values ranging from a minimum of manufacturing 14,800 tones / year to a maximum of 25,200 tons / year.</p> <p>13,320 tons. (15 kg. Pellet standard bag weight) = 888,000 bags / year</p> <p>22,680 tons. 15 kg = 1512000 bags / year</p> <p>As you can see in the photos the line worked about 750 hours.</p> <p>It is also possible after the initial approval to sell the line in blocks as a separate unit.</p>	manufacturer	ECO-LITTER Srl	new in	2006
	manufacturer	ECO-LITTER Srl			
new in	2006				


Gear Hobbing Machine WMW ZFWZ 800/3 - 242

IMAGES	DATA RANGE/TH>														
	Parameters: <table border="1"> <tr> <td>producent</td> <td>WMW</td> </tr> <tr> <td>model</td> <td>ZFWZ 800/3</td> </tr> <tr> <td>rok produkcji</td> <td>1976</td> </tr> </table>	producent	WMW	model	ZFWZ 800/3	rok produkcji	1976								
	producent	WMW													
model	ZFWZ 800/3														
rok produkcji	1976														
	Description: <table border="1"> <tr> <td>Table:</td> <td>700 mm</td> </tr> <tr> <td>Wheel Width:</td> <td>410 mm</td> </tr> <tr> <td>Maximum Gear:</td> <td>800 mm</td> </tr> <tr> <td>Table Bore:</td> <td>200 mm</td> </tr> <tr> <td>Power:</td> <td>19 kW</td> </tr> <tr> <td>Dimension:</td> <td>4300mm x 2000mm x 2900mm</td> </tr> <tr> <td>Weight :</td> <td>10500 kg</td> </tr> </table> <p>var addthis_config = {"data_track_addressbar":true};</p>	Table:	700 mm	Wheel Width:	410 mm	Maximum Gear:	800 mm	Table Bore:	200 mm	Power:	19 kW	Dimension:	4300mm x 2000mm x 2900mm	Weight :	10500 kg
Table:	700 mm														
Wheel Width:	410 mm														
Maximum Gear:	800 mm														
Table Bore:	200 mm														
Power:	19 kW														
Dimension:	4300mm x 2000mm x 2900mm														
Weight :	10500 kg														


Chip Conveyor - 244

IMAGES	DATA RANGE/TH>
	Parameters: Description:


Radial Drilling Machine 2M - 55/1,6 - 245

IMAGES	DATA RANGE/TH>								
	Parameters: <table border="1"> <tr> <td>manufacturer</td> <td>Russia</td> </tr> <tr> <td>type</td> <td>2M55 / 1,6</td> </tr> <tr> <td>year of production</td> <td>1977</td> </tr> </table>	manufacturer	Russia	type	2M55 / 1,6	year of production	1977		
	manufacturer	Russia							
type	2M55 / 1,6								
year of production	1977								
	Description: <table border="1"> <tr> <td>max drilling diameter</td> <td>50mm</td> </tr> <tr> <td>drilling speed</td> <td>2000 turns/min</td> </tr> <tr> <td>weight</td> <td>4700 kg</td> </tr> <tr> <td>machine size</td> <td>2665x1020x3430 mm</td> </tr> </table>	max drilling diameter	50mm	drilling speed	2000 turns/min	weight	4700 kg	machine size	2665x1020x3430 mm
max drilling diameter	50mm								
drilling speed	2000 turns/min								
weight	4700 kg								
machine size	2665x1020x3430 mm								


Rotary Table 2000 x 2000 - 247

IMAGES	DATA RANGE/TH>												
	<p>Parameters:</p> <table border="1"> <tr> <td>Manufacturer</td> <td>Skoda</td> </tr> <tr> <td>Type</td> <td>E 20</td> </tr> </table> <p>Description:</p> <table border="1"> <tr> <td>Table area:</td> <td>2000x2000mm</td> </tr> <tr> <td>Table loading capacity</td> <td>20 tons</td> </tr> <tr> <td>Table weight:</td> <td>9 500 kg</td> </tr> <tr> <td>Travel of the table:</td> <td>1250mm</td> </tr> </table>	Manufacturer	Skoda	Type	E 20	Table area:	2000x2000mm	Table loading capacity	20 tons	Table weight:	9 500 kg	Travel of the table:	1250mm
Manufacturer	Skoda												
Type	E 20												
Table area:	2000x2000mm												
Table loading capacity	20 tons												
Table weight:	9 500 kg												
Travel of the table:	1250mm												


Floor boring machine KOLB HB 125 CNC - 253

IMAGES	DATA RANGE/TH>						
	<p>Parameters:</p> <table border="1"> <tr> <td>Manufacturer</td> <td>KOLB</td> </tr> <tr> <td>Type</td> <td>HB 125 CNC</td> </tr> <tr> <td>CNC control system</td> <td>SINUMERIC 550 CE</td> </tr> </table> <p>Description:</p> <p>Spindle diameter: 125 mm Ram diameter: 220 mm X: 12 000 Y: 31500 Z: 1200 CNC control system SINUMERIC 550 CE</p>	Manufacturer	KOLB	Type	HB 125 CNC	CNC control system	SINUMERIC 550 CE
Manufacturer	KOLB						
Type	HB 125 CNC						
CNC control system	SINUMERIC 550 CE						


Eccentric press PMS 25C - 262

IMAGES	DATA RANGE/TH>				
	<p>Parameters:</p> <table border="1"> <tr> <td>model</td> <td>PMS 25C</td> </tr> <tr> <td>Production year</td> <td>1970</td> </tr> </table> <p>Description:</p> <p>Pressure: 25 T Stroke: 220 mm Stroke per minute: 83, 118, 147 Engine power: 2,2 kW Weight: ca. 2000 kg</p>	model	PMS 25C	Production year	1970
model	PMS 25C				
Production year	1970				


Vertical Machining Center Dorries Scharmann Contumat 2 MC-FC - 264

IMAGES	DATA RANGE/TH>						
	<p>Parameters:</p> <table border="1"> <tr> <td>manufacturer</td> <td>Dorries Scharmann</td> </tr> <tr> <td>type</td> <td>Contumat 2 MC-FC</td> </tr> <tr> <td>year of production</td> <td>1989</td> </tr> </table> <p>Description:</p> <p>Machining Center Dorries-Scharman</p> <ul style="list-style-type: none"> Boring machine Scharman <ul style="list-style-type: none"> Palet 1250 X 1250 mm X 2000 mm Y 1600 mm Z 1200 mm W 600 mm VTL Dorries <ul style="list-style-type: none"> Palet 1250 mm x 1250 mm D 2000 mm Z 1600 mm Palet transportation system 	manufacturer	Dorries Scharmann	type	Contumat 2 MC-FC	year of production	1989
manufacturer	Dorries Scharmann						
type	Contumat 2 MC-FC						
year of production	1989						

Angle Bending Rolls PULLMAX Z51 - 265

IMAGES	DATA RANGE/TH>								
	<p>Parameters:</p> <table border="1"> <tr> <td>manufacturer</td> <td>PULLMAX</td> </tr> <tr> <td>type</td> <td>Z51</td> </tr> <tr> <td>year of production</td> <td>1967</td> </tr> </table> <p>Description:</p> <table border="1"> <tr> <td>Speed of bending rollers</td> <td>0-5 RPM</td> </tr> </table>	manufacturer	PULLMAX	type	Z51	year of production	1967	Speed of bending rollers	0-5 RPM
manufacturer	PULLMAX								
type	Z51								
year of production	1967								
Speed of bending rollers	0-5 RPM								


Floor Plates - 273

IMAGES	DATA RANGE/TH>																	
	Parameters: Floor plates various size																	
	Description: <table border="0"> <tr> <td>2000x2000x350 mm</td> <td>7 pcs</td> </tr> <tr> <td>2000x200x400 mm</td> <td>10 pcs</td> </tr> <tr> <td>2200x2200x250 mm</td> <td>14 pcs</td> </tr> <tr> <td>3500x2500x400 mm</td> <td>2 pcs</td> </tr> <tr> <td>4500x1600x300 mm</td> <td>3 pcs</td> </tr> <tr> <td>4500x200x400 mm</td> <td>6 pcs</td> </tr> <tr> <td>5000x3500x350 mm</td> <td>3 pcs</td> </tr> <tr> <td>5000x2500x400 mm</td> <td>10 pcs</td> </tr> <tr> <td>7000x1750x350 mm</td> <td>2 pcs</td> </tr> </table>	2000x2000x350 mm	7 pcs	2000x200x400 mm	10 pcs	2200x2200x250 mm	14 pcs	3500x2500x400 mm	2 pcs	4500x1600x300 mm	3 pcs	4500x200x400 mm	6 pcs	5000x3500x350 mm	3 pcs	5000x2500x400 mm	10 pcs	7000x1750x350 mm
2000x2000x350 mm	7 pcs																	
2000x200x400 mm	10 pcs																	
2200x2200x250 mm	14 pcs																	
3500x2500x400 mm	2 pcs																	
4500x1600x300 mm	3 pcs																	
4500x200x400 mm	6 pcs																	
5000x3500x350 mm	3 pcs																	
5000x2500x400 mm	10 pcs																	
7000x1750x350 mm	2 pcs																	


Mounting Tables - 274

IMAGES	DATA RANGE/TH>													
	Parameters: Mounting Tables Various Size													
	Description: <table border="0"> <tr> <td>4000 x 2500 x 200 mm</td> <td>1 pcs</td> </tr> <tr> <td>8000 x 3000 x 300 mm</td> <td>1 pcs</td> </tr> <tr> <td>1500 x 8000 x 300 mm</td> <td>1 pcs</td> </tr> <tr> <td>1000 x 2000 mm</td> <td>3 pcs</td> </tr> <tr> <td>3000 x 4000 mm</td> <td>1 pcs</td> </tr> <tr> <td>3000 x 1000 mm</td> <td>3 pcs</td> </tr> <tr> <td>4000 x 3000 mm</td> <td>2 pcs</td> </tr> </table>	4000 x 2500 x 200 mm	1 pcs	8000 x 3000 x 300 mm	1 pcs	1500 x 8000 x 300 mm	1 pcs	1000 x 2000 mm	3 pcs	3000 x 4000 mm	1 pcs	3000 x 1000 mm	3 pcs	4000 x 3000 mm
4000 x 2500 x 200 mm	1 pcs													
8000 x 3000 x 300 mm	1 pcs													
1500 x 8000 x 300 mm	1 pcs													
1000 x 2000 mm	3 pcs													
3000 x 4000 mm	1 pcs													
3000 x 1000 mm	3 pcs													
4000 x 3000 mm	2 pcs													


Floor boring machine SKODA WD 160 - 282

IMAGES	DATA RANGE/TH>
	Parameters: producent SKODA model WD 160
	Description: Spindle: 160 mm Axis x : 3150 mm Axis y : 2500 mm W+Z : 2850 mm Ram size : 450x450 mm


Vertical turning lathe 1512 - 307

IMAGES	DATA RANGE/TH>											
	<p>Parameters:</p> <table border="1"> <tr> <td>Manufacturer</td> <td>Sedin</td> </tr> <tr> <td>Type</td> <td>1512</td> </tr> <tr> <td>Year of production</td> <td>1977</td> </tr> </table>	Manufacturer	Sedin	Type	1512	Year of production	1977					
	Manufacturer	Sedin										
Type	1512											
Year of production	1977											
<p>Description:</p> <table border="1"> <tr> <td>table diameter</td> <td>1120 mm</td> </tr> <tr> <td>max work-piece: -diameter -height -weight</td> <td>1250 mm 1000 mm 3200 kg</td> </tr> <tr> <td>table speeds range per 1 min</td> <td>5-250</td> </tr> <tr> <td>main motor power</td> <td>30 kW</td> </tr> <tr> <td>machine dimensions</td> <td>2750×2975×4100 mm</td> </tr> <tr> <td>machine weight</td> <td>16500 kg</td> </tr> </table>	table diameter	1120 mm	max work-piece: -diameter -height -weight	1250 mm 1000 mm 3200 kg	table speeds range per 1 min	5-250	main motor power	30 kW	machine dimensions	2750×2975×4100 mm	machine weight	16500 kg
table diameter	1120 mm											
max work-piece: -diameter -height -weight	1250 mm 1000 mm 3200 kg											
table speeds range per 1 min	5-250											
main motor power	30 kW											
machine dimensions	2750×2975×4100 mm											
machine weight	16500 kg											


Lathe TPK 80 x 3000 - 315

IMAGES	DATA RANGE/TH>							
	<p>Parameters:</p> <table border="1"> <tr> <td>producent</td> <td>Poreba</td> </tr> <tr> <td>model</td> <td>TPK</td> </tr> </table>	producent	Poreba	model	TPK			
	producent	Poreba						
model	TPK							
<p>Description:</p> <table border="1"> <tr> <td>max turning diameter over bed</td> <td>800 mm</td> </tr> <tr> <td>max turning diameter over carriage</td> <td>530 mm</td> </tr> <tr> <td>max. turning length</td> <td>3000 mm</td> </tr> <tr> <td>spindle passage</td> <td>95 mm</td> </tr> </table>	max turning diameter over bed	800 mm	max turning diameter over carriage	530 mm	max. turning length	3000 mm	spindle passage	95 mm
max turning diameter over bed	800 mm							
max turning diameter over carriage	530 mm							
max. turning length	3000 mm							
spindle passage	95 mm							


Milling machine FQW 400 - 319

IMAGES	DATA RANGE/TH>									
	<p>Parameters:</p> <table border="1"> <tr> <td>producent</td> <td>WMW KARL MARX STADT</td> </tr> <tr> <td>type</td> <td>FQW 400</td> </tr> </table>	producent	WMW KARL MARX STADT	type	FQW 400					
	producent	WMW KARL MARX STADT								
type	FQW 400									
<p>Description:</p> <table border="1"> <tr> <td>X travel</td> <td>1190 mm</td> </tr> <tr> <td>Y travel</td> <td>530 mm</td> </tr> <tr> <td>Z travel</td> <td>415 mm</td> </tr> <tr> <td>max load on table</td> <td>1500 kg</td> </tr> <tr> <td>spindle taper</td> <td>ISO 50</td> </tr> </table>	X travel	1190 mm	Y travel	530 mm	Z travel	415 mm	max load on table	1500 kg	spindle taper	ISO 50
X travel	1190 mm									
Y travel	530 mm									
Z travel	415 mm									
max load on table	1500 kg									
spindle taper	ISO 50									


Gear Grinding Machine 53A50 - 320

IMAGES	DATA RANGE/TH>
	Parameters: type 53A50
	Description: max. working diameter 500mm max module 8 max. vertical diameter 360 mm max diameter of milling 180 mm milling spindle speed 40-405 min main engine power 8/10/12, 5 kW machine weight 9700 kg


Floor boring machine DEFUM WHB 150 - 326

IMAGES	DATA RANGE/TH>
	Parameters: manufacturer DEFUM type WHB 150
	Description: X 4500 mm Y 2100 mm Z 1200 mm W 500 mm spindle taper ISO 50 spindle speed 2,5 / 1000 rmp floor plates area 5000 x 4000 mm rotary table size 1600 x 1600 mm table travels 1250 mm


Boring machine 2A620 - 1 - 327

IMAGES	DATA RANGE/TH>
	Parameters: manufacturer Stanko type 2A620 - 1 rok produkcji
	Description: X 1000 mm Y 1250 mm Z 1000 mm working table dimensions 1120 x 1250 mm spindle diameter 90 mm machine dimensions 6770x3900x3100 mm machine weight 16000 kg


Bending Machines Roundo PAS 420 - 328

IMAGES	DATA RANGE/TH>																
	<p>Parameters:</p> <table border="0"> <tr> <td>manufacturer</td> <td>Roundo</td> </tr> <tr> <td>type</td> <td>PAS 420</td> </tr> </table> <p>Description:</p> <table border="0"> <tr> <td>bent sheet thickness</td> <td>30 mm</td> </tr> <tr> <td>the length of bent sheet</td> <td>2000 mm</td> </tr> <tr> <td>diameter of the upper roller</td> <td>420 mm</td> </tr> <tr> <td>diameter of the lower rolls</td> <td>345 mm</td> </tr> <tr> <td>power</td> <td>45 kW</td> </tr> <tr> <td>weight</td> <td>26000 kg</td> </tr> </table>	manufacturer	Roundo	type	PAS 420	bent sheet thickness	30 mm	the length of bent sheet	2000 mm	diameter of the upper roller	420 mm	diameter of the lower rolls	345 mm	power	45 kW	weight	26000 kg
manufacturer	Roundo																
type	PAS 420																
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diameter of the lower rolls	345 mm																
power	45 kW																
weight	26000 kg																


Planing machine HHP 12 - 330

IMAGES	DATA RANGE/TH>																						
	<p>Parameters:</p> <table border="0"> <tr> <td>manufacturer</td> <td>TOS</td> </tr> <tr> <td>type</td> <td>HHP 12</td> </tr> </table> <p>Description:</p> <table border="0"> <tr> <td>max. length of planing</td> <td>12000 mm</td> </tr> <tr> <td>max. thickness of planed sheets</td> <td>80 mm</td> </tr> <tr> <td>largest angle of inclination of blades</td> <td>35 °</td> </tr> <tr> <td>number of hydraulic clamping cylinders</td> <td>12</td> </tr> <tr> <td>number of hand clamps</td> <td>11</td> </tr> <tr> <td>pressure force hydraulic chucks</td> <td>N 35000</td> </tr> <tr> <td>largest stretch power slide</td> <td>N 60000</td> </tr> <tr> <td>lift the blade slide: - horizontal - vertical</td> <td>100 mm 120 mm</td> </tr> <tr> <td>machine weight</td> <td>25670 kg</td> </tr> </table>	manufacturer	TOS	type	HHP 12	max. length of planing	12000 mm	max. thickness of planed sheets	80 mm	largest angle of inclination of blades	35 °	number of hydraulic clamping cylinders	12	number of hand clamps	11	pressure force hydraulic chucks	N 35000	largest stretch power slide	N 60000	lift the blade slide: - horizontal - vertical	100 mm 120 mm	machine weight	25670 kg
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machine weight	25670 kg																						


Lathe TUJ 50 x 2000 - 356

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Turning diameter 560 mm Swing over cross slide 370 mm Turning length 2000 mm Spindle passage 90 mm Overall dimensions 3270 x 1250 x 1350 mm Machine weight 2750 kg</p>


Grinding machine BHU 32x1500 - 359

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: - Max. grinding diameter: 320mm - Max. grinding length: 1500mm</p>


Grinding machine SPD 30 - 360

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Width / grinding diameter: 300 mm Grinding length: 1000 mm Working surface of table: 300x1000 mm The diameter of the wheel: 350 mm Wheel width: 63 mm Grinding wheel peripheral speed [m / s] 26 Overall dimensions: 4000x2080x2260 mm Machine weight: 5000 kg</p>


CNC lathe MAS SPU 20 - 365

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Turning length: 700 mm turning diameter ... 200 mm Swing over cross slide: 250 mm Main motor output ... 17 kW Dimension machine: 3590 x 2160 x 2050 mm Machine weight: 5300 kg Spindle speed ... 5000 / min Head 12-position of the 7 driven tools</p>


Machinig center Mazak VTC 30 C - 366

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: X-axis travel 1660 mm Y-axis travel 760 mm Z axis travel 815 mm Table size: 2000x670 mm Maximum spindle speed: 7000 rpm Magazine for 24 tools Control: Mazatrol M-Plus Machine weight: 8100 kg Overall dimensions: 4400 x 3300 x 2900 mm</p>

Slotting machine 7M 450 - 369

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: max. stroke: 500mm min stroke: 120 mm table diameter 800 mm maximum workpiece weight on the table: 2000 kg max table travel longitudinal: 800 mm transverse: 650 mm deviation of head: 10 degrees on both sides main engine power: 12 KW machine weight: 8500 kg</p>

Grinding machine SPG 30 x 80 E - 379

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Working surface of the table 300 to 800mm The largest width of the grinding wheel freewheel - 300 mm The largest width of the grinding wheel without coasting - 380 mm The largest grinding length - 800 mm The largest distance between the table surface and the axis of the headstock - 600 mm</p>

Gear hobbing machine ZFB 50 - 380

IMAGES

DATA RANGE/TH>




Parameters:


Description:

- Maximum diameter of the work gear having spur 500mm and with the offset tailstock column 700 mm
- Max module for steel: 8 mm
- Max module for iron 10 mm
- Max. workpiece machining length of helical wheels:
The * Average 500 a) with an angle of 30 °: 380 mm b) at 45 ° 140 mm
- * At Ø 200 with an angle of 60 °: 50 mm
- Maximum machining length: 380 mm
- Distance between the cutter and workpiece wheel:
* Min 50 mm
* Max 410 mm
- Min. The distance between the axis of the cutter and the surface of the table: 130 mm
- Max. cutter vertical travel: 400 mm
- The diameter of the working surface of the table: 500 mm
- The diameter of the hole in the table: 100 mm
- Weight: 8000 kg

Gear hobbing machine ZFA 75 - 381

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: the biggest cut open module: a) normally 6mm b) with a reduced accuracy of 8mm. the largest diameter of the work gear: a) an assumed podtrzymce: 450mm, b) without steady rest: 800mm, the largest diameter of the work gear having helical: a) at an angle of 30 ° helix: 500mm b) at an angle of 60 ° helix: 190mm, The largest machining length with straight teeth: 275mm, range distance between the axes of the workpiece and the cutter: a) the smallest 30mm, b) The maximum 500mm, vertical sliding cutter: 310mm, the minimum distance from the table surface to the axis cutter: 200mm the largest mill diameter: 120mm, diameter of the pins to embed cutters 22, 27, 32mm, diameter hole on the table 80mm, the amount of rotation of the spindle frezaerskiego: 7 milling spindle speed range: 47.5 - 192, przesuwuw range of vertical cutter for 1 revolution of the workpiece: 0.5 - 3mm. range of radial feed milling for 1 revolution of the workpiece: 0.1 - 1 mm, range of axial feed milling for 1 revolution of the workpiece: 0.25 - 1 mm, main engine power: 2,8kW, size milling machine: 2395x1210x1975mm, Machine weight: 3800kg.</p>

Gear hobbing machine 53 A 80 H - 383

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: The dimensions of the workpiece - Maximum unit: 10 mm - Maximum diameter machined worm wheels: 800 mm - Maximum diameter of the workpiece wheels spur 800 mm - Maximum diameter of the cylindrical workpiece wheels with oblique teeth with an inclination angle: 30 degrees - 500 mm, 45 degrees - 350 mm The largest tooth length of machined wheels: - With straight teeth: 350 mm - Helical angle of inclination: 30 degrees - 230 mm, 45 degrees - 180 mm, 60 degrees - 130 mm - Notched the largest number of teeth: 12 Table - The minimum distance from the axis of the table axis cutter 80 mm - The greatest distance from the axis of the table axis milling: 500 mm - The shortest distance axis milling from the plane of the table: 195 mm - The greatest distance axis milling from the plane of the table: 500 mm - Move fast 200 mm / min - Move fast 200 mm / min - Manual table travel per rotation: 0.5 mm Saddle - The largest cutting tool diameter 200 mm - The maximum length of a cutting tool: 200 mm - The greatest vertical travel carriage: 400 mm - Move fast carriage slide: 530 mm / min - Diameter milling spindles: 32.40 mm / min - The biggest slide steering angle: 60 degrees - Turn on one piece of the Elemental scale: - Ruler: 1 degree - Vernier: 5 Drive - Ranges of speed cutter per minute: 40-405 - Degrees of rotation of the cutter 16 - Vertical stroke ranges: 0,75-7,5 mm / rev. - Radial feed range: 0,2-2,25 mm / rev. - Ranges tangential feed for mod. 53A 80H: 0,13-2,6 mm / rev - The number of degrees of feed: 12 - The number of engines: 7 - Main engine power: 8/10 / 12.5 kW - Nd the speed of the main engine: 735/985/1470 rev. / Min - Engine power moves fast: 1430 rev. / Min - The power of a hydraulic drive, electric motor: 1.1 KW - Speed electric motor drive. Hydraulic: 930 rev. / min - Total power demand of all engines: 18.3 KW</p>


Lathe CU 580 M - 386

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Turning diameter: 580 mm Swing over cross slide: 380 mm Turning length: 1400 mm Spindle passage: 72 mm</p>


Boring Machine W 100 - 390

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: eject of the spindle (W) - 900 mm vertical travel of headstock (Y) - 1120 mm cross travel of the table (X) - 1600 mm longitudinal travel of table (Z) - 1250 mm Table 1250 x 1250 - 360 ° rotation max load of 3 000 kg maximum turning diameter cross - ø 900 mm</p>


Production line for a cultivation gutters - 392

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Year of production: 2006 Manufacturer: Blachmix The line consists:</p> <ul style="list-style-type: none">• Decoiler placed at line• Profiling line• crawler self-propelled chassis• drive: electric motors <ul style="list-style-type: none">• length: optional• is possible to change profiles by changing the profiling rollers• control: NC• galvanized coated sheet


Milling machine FXA 41 - 397

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Working length of the table [mm] 1900 Width of the table [mm] 410 Longitudinal travel [mm] 1070 Transversal travel [mm] 380 Vertical travel [mm] 460 Range of spindle speed [rpm] 28-1300 Dimensions [mm] 3350x2395x1965 Machine weight [kg] 4950</p>


Drilling machine WKA 25 - 405

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: - Maximum drilling diameter in steel: 32 mm - Maximum drilling diameter in brass 36 mm - Total power requirement: 3.1 kW - Machine weight: 800 kg - drilling machine dimensions: 2600 x 670 x 1100 mm</p>


Drilling machine GRV 554 - 406

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: - maximum drilling diameter in steel 55 mm - maximum diameter drilling in cast iron 70 mm - travel of headstock 935/1600 mm - power 7.5 kW</p>


Drilling machine WKA 25 - 407

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description:</p> <ul style="list-style-type: none">- Maximum drilling diameter in steel: 32 mm- Maximum drilling diameter in brass 36 mm- Total power requirement: 3.1 kW- Machine weight: 800 kg- drilling machine dimensions: 2600 x 670 x 1100 mm


Gear grinding Machine ZSTZ 800 - 415

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description:</p> <ul style="list-style-type: none">Max wheel diameter: 800 mmGear width: 265 mmMax module: 14Min module: 2Table diameter: 630 mmWork-piece weight: 1000 kgNumber of teeth: 5-360Engine power: 12 kWMachine dimensions: 4900x1900x2300 mmMachine weight: 9 tons


Gear grinder machine BHS HOFLE H 630 - 417

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description:</p> <ul style="list-style-type: none">Modul: 1.5 / 14Min/ max diameter: 80 / 800 mmMax height: 225 mmMax Helix angle: 45°Min maxi cog: 12 / 372Max load: 800 kgs


Lathe 165 x 2800 - 423

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description:</p> <ul style="list-style-type: none">- Turning diameter: 1000 mm- Turning diameter over support: 600 mm- Turning length 2800 mm


Rotary table PS 2 - 426

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description:</p> <ul style="list-style-type: none">- Table dimensions: 2500 x 2500 mm- Max table load: 25000 kg- Table travel: 1600 mm.


XZMP 3150/12 - 430

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description:</p> <p>Technical details: - bent sheet - width: 3150 mm - bent sheet - depth: 12 mm</p>


Vertical Milling Machine 6P12B - 431

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description:</p> <p>Machine parameters:</p> <ul style="list-style-type: none">* The manufacturer of the USSR* Working length of the table [mm] - 1000* Width of the table [mm] - 250* Longitudinal [mm] - 630* Transversal [mm] - 360* Vertical stroke [mm] - 200* Spindle motor power [kW] - 5,5* Range of spindle speed [rpm] - 50-1600* Dimensions [mm] - 1500/1800/1900* Machine weight [kg] - 2400


Press LEN 63 P - 434

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Rated deformation force: 63 t Stroke slider: 10-105 mm Number of strokes: 64 / min Dimensions of the table: 800 x 630 mm Moving the slider: 70 mm The height of the clamp: 335 mm Main motor output: 4 kW Dimensions: L x W x O: 1850 x 1400 x 2550 mm Machine weight: 5500 kg</p>

Drilling machine RFH 100 - 436

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Boring diameter capacity: 100 mm, Drilling radius: 3000 mm, Work-piece height range: 440-2100 mm, Spindle taper: MT 6, Spindle turning speed range: 18-1800 rpm, Quill stroke: 400 mm, Surface area: 3160x1500 mm, Boring feed range: 0,0375 - 2 mmm/min, Distance spindle - column: -Min.: 400 mm, -Max.: 2850 mm, Total power requirement: 13 kW, Machinery dimensions: 4390x1550x4130 mm, Machinery weight: 13200 kg.</p>


Horizontal boring and milling machine 2A622 - 437

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: - dimensions of the work surface of the table: 1250x1120 mm, - longitudinal travel of the table: 1000 mm, - transverse travel: 1250 mm, - vertical shaft travel: 1000 mm, - longitudinal head stroke: 710 mm, - spindle speed range: 10-1250 rpm, - spindle feed range: 2-2000 mm / min, - feedrate of table and headstock: 1.25-1250 mm / min, - maximum diameter of bored hole: 320 mm, - main engine power: 10 kW, - dimensions: 6790x4880x3100 mm, - weight: 17000 kg.</p>

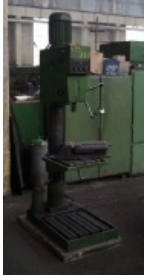
Horizontal boring and milling machine 2A622 - 438

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Table type boring machine TOS WHN 9 Manufacturer: TOS, Czech Republic YOM: 1976 Table: 1000 x 1100 mm Max. weight on table: 3000 kg X axis: 1250 mm Y axis: 900 mm Z axis: 1000 mm W axis: 680 mm B-axis: 360 ° Spindle diameter: 90 mm ISO 40 Spindle speed range: 9 . - 1120 U / min Total power requirement: 32 kVA Weight: 12,000 kg</p>

Horizontal boring and milling machine WHN9A - 439

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <hr/> <p>Description: Table type boring machine TOS WHN 9 Manufacturer: TOS, Czech Republic YOM: 1976 Table: 1000 x 1100 mm Max. weight on table: 3000 kg X axis: 1250 mm Y axis: 900 mm Z axis: 1000 mm W axis: 680 mm B-axis: 360 ° Spindle diameter: 90 mm ISO 40 Spindle speed range: 9 . - 1120 U / min Total power requirement: 32 kVA Weight: 12,000 kg</p>

Drilling machine WEA 25 - 440

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <hr/> <p>Description: Drilling Machine WEA 25 Year of production 1970, Weight 670kg, Type of current 380 V, Voltage control 220V.</p>


Lathe TPK 80 x 3000 - 441

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <hr/> <p>Description: Poreba TPK 80 x 3000 lathe Manufacturer: FUM Poreba Technical data: Rolling length: 3000 mm, Turning diameter: 800 mm, Diameter in the bridge 1100 mm, Diameter over the slide 530 mm.</p>


Grinding machine SWU 250 - 446

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Length of grinding: 450 mm Spindle head adjustment: 250mm vertical Spindle speed: 2200/3500/5200 U / min Spindle grinding - rotation: 360 ° Grinding wheels dimensions: dm = 150 mm Work table: 220x1520 mm Traffic Table: Row = 500 mm Traffic Table: cross = 220 mm Table adjustment: 45 ° right / left ° Total power requirement: 1.8 kW Machine weight: 900 kg Dimensions : 1530x1360x1600 mm</p>


Grinding machine SWU 250 - 447

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Length of grinding: 450 mm Spindle head adjustment: 250mm vertical Spindle speed: 2200/3500/5200 U / min Spindle grinding - rotation: 360 ° Grinding wheels dimensions: dm = 150 mm Work table: 220x1520 mm Traffic Table: Row = 500 mm Traffic Table: cross = 220 mm Table adjustment: 45 ° right / left ° Total power requirement: 1.8 kW Machine weight: 900 kg Dimensions : 1530x1360x1600 mm</p>


TR-135B - 465

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: max turning diameter over bed 1350 mm mmmax turning diameter over carriage 1000 mm mmmax. turning length 2000 mm</p>


THC - 50 x 3000 mm after a major overhaul - 466

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description:</p> <ul style="list-style-type: none">• Turning diameter [mm] – 720,• Diameter of turning over the slide [mm] –520,• Rolling length [mm] – 3000,• Workpiece weight [kg] – 8000,

Mounting Tables 5000x2000x300 mm - 469

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description:</p>


Guillotine shears CNTA 3150/16A - 470

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: - cutting width: 3150 mm, - thickness of the cut sheet: 16 mm</p>


Guillotine shears RAS - 471

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Max thickness of cut sheet: 4 mm Max. Cutting length: 3000 mm</p>

Facing lathe TRC 100 - 473

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Facing lathe TRC 100 <u>Technical data:</u> Turning diameter over the bed - 1000 mm Turning diameter over the slide - 630 mm Diameter of turning in the bridge - 1500 mm Turning length - 900 mm The weight of the Detail in the handle - 2500 kg Workpiece weight between centers - 9000 kg</p>

Gear hobbing machine WMW ZFWZ 315 - 477

IMAGES	DATA RANGE/TH>
	<p>Parameters:</p> <p>Description: Gear hobbing machine WMW ZFWZ 315 Model: ZFWZ 315 Manufacturer: WMW Year of production: 1981 <u>Technical data:</u></p> <ul style="list-style-type: none">• Max diameter of the workpiece: 310 mm• Table clamping diameter: 370 mm,• Max module: 8•• Installed power: 15 kW• Dimesions LxWxH: 3070x2310x2420 mm• Weight: 8 tons

Lathe 1M63 x 2800 - 478

IMAGES



DATA RANGE/TH>

Parameters:

Description:

- turning diameter: 630 mm - turning diameter over the slide: 360 mm
- turning length: 2800 mm

Gear grinding Machine ZSTZ 800 - 480

IMAGES



DATA RANGE/TH>

Parameters:

Description:

- Max wheel diameter: 800 mm
- Gear width: 265 mm
- Max module: 14
- Min module: 2
- Table diameter: 630 mm
- Work-piece weight: 1000 kg
- Number of teeth: 5-360
- Engine power: 12 kW
- Machine dimensions: 4900x1900x2300 mm
- Machine weight: 9 tons