

Aleea Industriilor, nr. 12, 120068, Buzău, România  
C.I.F.: RO 1152236, O.R.C.: J10/2/1990

ROMANIAN TECHNOLOGICAL EQUIPMENT



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ISO 9001:2015



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EN 1090-1 – 2009 + A1 2011

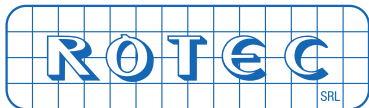


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Produce echipamente tehnice complexe pentru industria constructoare de mașini, siderurgică, metalurgică, chimică, petrochimică, energetică, cimentului, extractivă, construcții civile și industriale, de utilaje pentru protecția mediului înconjurător. Caracterizate de o mare diversitate și de dimensiuni agabaritice, în profilul de fabricație se regăsesc: construcții metalice, căi cu role, concasoare, ciururi vibratoare, benzi transportoare, uși, rame, blindaje, șubăre, clape, cuptoare rotative, oale de turnare, graifăre, cuplaje, reductoare, axe, arbori, roți dințate, batiuri, piese forjate și matrițate, coturi, capace, reducții, stații de combustibil mobile, recipiente, electrofiltre, cazane, boilere etc.

## TECHNICAL SPECIFICATIONS MACHINES AND TOOLS

No. crt.	Machine name	Technical characteristics	Lane
1	Boring and milling machine with the spindle diameter of 180mm: Pama *new investment	<p><b>Travel:</b></p> <ul style="list-style-type: none"> <li>X axis 12000 mm; Y axis 4000 mm; Z axis 1200 mm; W axis 1000 mm;</li> <li>spindle rotation speed RPM: 6÷2500;</li> <li>spindle rotation power: kW 60;</li> <li>work progress (X, Y, Z, W) mm/min 0.5÷8000;</li> <li>quick advance (X, Y, Z, W) mm/min 20000;</li> </ul> <p><b>Table group:</b></p> <ul style="list-style-type: none"> <li>table dimensions: 3000×3000 mm;</li> <li>nominal capacity with load centered 50000 kg;</li> <li>travel axis W: 2000 mm;</li> <li>quick advance mm/min 15000;</li> <li>quick advance axis B RPM 0.001÷2;</li> </ul> <p><b>Chain tools magazine:</b></p> <ul style="list-style-type: none"> <li>automatic angle head: maximum spindle rotation RPM 2000; spindle power kW 35;</li> <li>universal head: maximum spindle rotation RPM 3000; spindle power kW 30; CNC Siemens;</li> </ul>	B–C
2	Boring and milling machine with the spindle diameter of 130mm: Hyundai KBN 135: 2 pcs *new investment	<ul style="list-style-type: none"> <li>table size: 2000×1800 mm;</li> <li>maximum load capacity: Kgt 10000;</li> <li>minimum indexing angle: 0.001°;</li> <li>spindle: RPM 2500;</li> <li>spindle motor output: kW 18.5;</li> <li>quill: 135mm;</li> </ul> <p><b>Travel:</b></p> <ul style="list-style-type: none"> <li>X axis 3000mm; Y axis 2000 mm; Z axis 1600 mm; W axis 700 mm;</li> <li>rapid feed rate (X, Y, Z) mm/min 8000;</li> <li>number of tools: EA 40;</li> <li>controller (NC) FANUC 31i-A</li> </ul>	A–B
3	Vertical lathe VTL33 *new investment	<ul style="list-style-type: none"> <li>maximum diameter of the machined piece: 3300 mm</li> <li>table diameter: 3000 mm</li> <li>max. height of the work piece: 2300 mm</li> <li>table max. loading capacity: 18000 kg</li> <li>max. X axis travel: 1600 mm</li> <li>max. Z axis travel: 1800 mm</li> <li>vertical cross rail travel: 2000 mm</li> <li>max. milling speed: 3000 RPM</li> <li>CNC Fanuc 31i-A</li> </ul>	B–C
4	Automated blasting installations for plates and profiles *new investment	<ul style="list-style-type: none"> <li>plate (profile) length: 12000 mm;</li> <li>maximum height: 600 mm;</li> <li>minimum blasting thickness: 5 mm;</li> <li>maximum blasting width: 2550 mm</li> <li>turbines no.: 6</li> <li>blasting speed: 0.5÷3m/min</li> </ul>	Old workshop
5	Boring and milling machine with the spindle diameter of 230 – Shibaura	<ul style="list-style-type: none"> <li>spindle Ø 230: travel 1500 mm</li> <li>rotary mill head 530×600 mm: travel 1750 mm</li> <li>vertical travel of the guide quill Y: 4000 mm</li> <li>travel of the machine bed X: 17000 mm</li> <li>movable table 3200×4000 mm: travel 3000 mm</li> <li>maximum table load: 60 t</li> <li>fix table: 8000×18000 mm</li> </ul>	B–C
6	Boring and milling machine with the spindle diameter of 200 – Pama	<ul style="list-style-type: none"> <li>spindle Ø 203: travel 1500 mm</li> <li>rotary mill head 530×600 mm: travel 900 mm</li> <li>vertical travel of the guide quill Y: 3200 mm</li> <li>travel of the machine bed X: 10000 mm</li> <li>movable table 2500×3000 mm: travel 2060 mm</li> <li>maximum table load: 25 t</li> <li>fix table: 10000×6000 mm</li> </ul>	B–C



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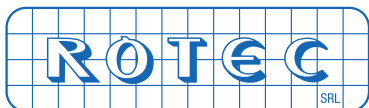
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7	Boring and milling machine with the spindle diameter of 200 (modernized)	<ul style="list-style-type: none"> <li>▪ Spindle Ø 202: travel 1400 mm</li> <li>▪ Rotary mill head 530×600 mm: travel 900 mm</li> <li>▪ Vertical travel of the guide quill Y: 3000 mm</li> <li>▪ Travel of the machine bed X: 9600 mm</li> <li>▪ Movable table 2500×3000 mm</li> <li>▪ Travel: 2060 mm</li> <li>▪ Maximum table load: 25 t</li> <li>▪ Fix table: 10000×6000 mm</li> </ul>	B-C
8	Boring and milling machine AF150	<ul style="list-style-type: none"> <li>▪ Spindle Ø 150: travel 800 mm</li> <li>▪ Vertical travel of the guide quill Y: 1000 mm</li> <li>▪ Travel of the machine bed X: 3000 mm</li> <li>▪ movable table 1700×2000 mm, travel 1000 mm</li> </ul>	B-C
9	Boring and milling machine with the spindle diameter of 180 mm – Pama	<ul style="list-style-type: none"> <li>▪ spindle Ø 180: travel 1500 mm</li> <li>▪ rotary mill head 420×420 mm; travel: 850 mm</li> <li>▪ vertical travel of the guide quill Y: 3200 mm</li> <li>▪ travel of the machine bed X: 6040 mm</li> <li>▪ movable table 2500×3000 mm; travel: 2060 mm</li> <li>▪ maximum table load: 25 t</li> <li>▪ fix table: 6000×6000 mm</li> </ul>	B-C
10	Vertical Turning Lathe SC 6300 Berthiez	<ul style="list-style-type: none"> <li>▪ table diameter: 6300 mm</li> <li>▪ turner diameter: 8000 mm</li> <li>▪ maximum working height: 3500 mm; X axis travel: 2500 mm</li> <li>▪ maximum table load: 160 t</li> </ul>	B-C
11	Horizontal milling machine FLP 2200	<ul style="list-style-type: none"> <li>▪ table dimension (two tables): 9300×2200 mm</li> <li>▪ table travel: 8950 mm</li> <li>▪ X axis travel: 1200 mm</li> </ul>	B-C
12	Horizontal milling machine FLP 2200	<ul style="list-style-type: none"> <li>▪ table dimension (two tables): 9300×2200 mm</li> <li>▪ table travel: 8950 mm</li> <li>▪ X axis travel: 1200 mm</li> </ul>	B-C
13	Boring and milling machine with the spindle diameter of 130 mm – BFK	<ul style="list-style-type: none"> <li>▪ spindle Ø 130: travel 1000 mm</li> <li>▪ vertical travel of the guide quill Y: 1600 mm</li> <li>▪ horizontal travel Z: 1000 mm</li> <li>▪ mobile table 1600×2000 mm</li> <li>▪ travel: 2500 mm</li> <li>▪ maximum load: 12.5 t</li> <li>▪ CNC Fanuc</li> </ul>	A-B
14	Grinding machine type 3A 174	<ul style="list-style-type: none"> <li>▪ maximum diameter: 600×6000 mm</li> </ul>	A-B
15	Parallel lathe	<ul style="list-style-type: none"> <li>▪ maximum diameter: 850×11000 mm</li> </ul>	A-B
16	Parallel lathe 1000×6000 mm	<ul style="list-style-type: none"> <li>▪ maximum diameter: 520×6000 mm</li> </ul>	A-B
17	Parallel lathe 1000×5000 mm	<ul style="list-style-type: none"> <li>▪ maximum diameter: 520×5000 mm</li> </ul>	A-B
18	Boring and milling machine with the spindle diameter of 130 mm BFT	<ul style="list-style-type: none"> <li>▪ spindle Ø 130: travel 1000 mm</li> <li>▪ vertical travel of the guide quill Y: 2500 mm</li> <li>▪ travel of the machine bed X: 2500 mm</li> <li>▪ longitudinal travel table Z: 2200 mm</li> <li>▪ mobile table: 1800×2000 mm</li> </ul>	A-B
19	Boring and milling machine with the spindle diameter of 130 mm BFT	<ul style="list-style-type: none"> <li>▪ spindle Ø 130: travel 1000 mm</li> <li>▪ vertical travel of the guide quill Y: 2500 mm</li> <li>▪ travel of the machine bed X: 2500 mm</li> <li>▪ longitudinal travel table Z: 850 mm</li> <li>▪ mobile table: 1800×2000 mm</li> </ul>	A-B
20	Boring and milling machine with the spindle diameter of 125 mm with rotary table	<ul style="list-style-type: none"> <li>▪ spindle Ø 125: travel 800 mm</li> <li>▪ vertical travel of the guide quill Y: 1000 mm</li> <li>▪ travel of the machine bed X: 1500 mm</li> <li>▪ longitudinal travel table Z: 1200mm</li> <li>▪ mobile table: 1800×1500 mm</li> </ul>	A-B
21	Horizontal milling machine FLP 1000	<ul style="list-style-type: none"> <li>▪ table: 1000×4000 mm</li> <li>▪ 3 milling heads</li> <li>▪ cross rail travel: 1200 mm</li> </ul>	A-B
22	Horizontal milling machine FLP 1000	<ul style="list-style-type: none"> <li>▪ table: 1000×4000</li> <li>▪ 3 milling heads</li> <li>▪ cross rail travel: 1200 mm</li> </ul>	A-B



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23	Horizontal milling machine FLP 1000	<ul style="list-style-type: none"> <li>▪ table: 1000×4000 mm</li> <li>▪ 3 milling heads</li> <li>▪ cross rail travel: 1200 mm</li> </ul>	A-B
24	Horizontal milling machine FLP 1000	<ul style="list-style-type: none"> <li>▪ table: 1000×4000 mm</li> <li>▪ 3 milling heads</li> <li>▪ cross rail travel: 1200 mm</li> </ul>	A-B
25	Horizontal milling machine FLP 1200	<ul style="list-style-type: none"> <li>▪ table: 1200×4000 mm</li> <li>▪ 3 milling heads</li> <li>▪ cross rail travel: 1200 mm</li> </ul>	A-B
26	Horizontal milling machine FLP 1000	<ul style="list-style-type: none"> <li>▪ table: 1000×4000 mm</li> <li>▪ 3 milling heads</li> <li>▪ cross rail travel: 1200 mm</li> </ul>	A-B
27	Traveling crane 12.5/3.2 t	<ul style="list-style-type: none"> <li>▪ track gauge: 22.25 m</li> <li>▪ hook height: 7 m</li> <li>▪ cabin height: 5.5 m</li> </ul>	A-B
28	Traveling crane 20/5 t	<ul style="list-style-type: none"> <li>▪ track gauge: 22.25 m</li> <li>▪ hook height: 7 m</li> <li>▪ cabin height: 5.5 m</li> </ul>	A-B
29	Traveling crane 32/8 t	<ul style="list-style-type: none"> <li>▪ track gauge: 22.25 m</li> <li>▪ hook height: 7 m</li> <li>▪ cabin height: 5.5 m</li> </ul>	A-B
30	Traveling crane 20/5 t	<ul style="list-style-type: none"> <li>▪ track gauge: 28 m</li> <li>▪ hook height: 12 m</li> <li>▪ cabin height: 10.5 m</li> </ul>	B-C
31	Traveling crane 32/8 t	<ul style="list-style-type: none"> <li>▪ track gauge: 28 m</li> <li>▪ hook height: 12 m</li> <li>▪ cabin height: 10.5 m</li> </ul>	B-C
32	Traveling crane 50/12.5 t	<ul style="list-style-type: none"> <li>▪ track gauge: 28 m</li> <li>▪ hook height: 12 m</li> <li>▪ cabin height: 10.5 m</li> </ul>	B-C
33	Traveling crane 50/12.5 t	<ul style="list-style-type: none"> <li>▪ track gauge: 27.50 m</li> <li>▪ hook height: 12 m</li> <li>▪ cabin height: 10.5 m</li> </ul>	C-D
34	Traveling crane 80/20 t	<ul style="list-style-type: none"> <li>▪ track gauge: 27.50 m</li> <li>▪ hook height: 12 m</li> <li>▪ cabin height: 10.5 m</li> </ul>	C-D
35	Painting /drying installation manual painting	<ul style="list-style-type: none"> <li>▪ cabin length: 12m</li> <li>▪ cabin width: 6 m</li> <li>▪ cabin height: 5 m</li> </ul>	Old workshop
36	Blasting installation	<ul style="list-style-type: none"> <li>▪ length: 15.1m</li> <li>▪ width: 5.8 m</li> <li>▪ height: 5.1 m</li> </ul>	Old workshop
37	Rolling equipment	<ul style="list-style-type: none"> <li>▪ Max. rolling length: 3000 mm</li> <li>▪ Max. rolling thickness at 50daN/mm<sup>2</sup>: 25 mm</li> <li>▪ Minimum rolling diameter: 600 mm</li> <li>▪ Rollers no: 4</li> <li>▪ The superior roller diameter: 430 mm</li> </ul>	Old workshop
38	Oxigas and plasma cutting machine type Zinser	<ul style="list-style-type: none"> <li>▪ Oxigas cutting thickness: 1+300 mm</li> <li>▪ Plasma cutting thickness: 0+70 mm</li> <li>▪ Maximum cutting width: 2500 mm</li> <li>▪ Maximum cutting length: 12000 m</li> </ul>	Old workshop
39	Oxigas and plasma cutting machine type Oxytome	<ul style="list-style-type: none"> <li>▪ Oxigas cutting thickness: 0+300 mm</li> <li>▪ Plasma cutting thickness: 55 mm</li> <li>▪ Maximum cutting width: 3000 mm</li> <li>▪ Maximum cutting length: 12000 mm</li> </ul>	Old workshop