

# ACE Group

## Rebar Rolling Mill

### EQUIPMENT LIST

1	Reheating furnace automation panels with electrical cables,Hydraulic pusher,Recuperator with air fan,9 pcs. Burner and steel structure of furnace
2	1000 kW electric motor with resistor
3	5 ton complete flywheel
4	130 rpm billet gearbox
5	Three high pinion gearbox with 400 mm pinions diameter
6	Starting material 130x130 mm billet, 420 mm roller on base - plates, 3 pcs. curve and shafts
7	9 m long complete movable table
8	12 m long fix type roughing roller and end shear
9	2 pcs. roughing stand with 400 mm roller ,complete stand with curve roller,guide base plates
10	Flying shear with 550 mm diameter together with complete clutch and electrovalves
11	360 mm three high pinion with adjustable 178 rpm gearbox, 4 stands driven by russian made electric motor,calibrated rollers, 3 curve and complete shaft
12	320 mm two high pinion gearbox driven by 217 rpm 320 kW russian made electric motor
13	320 mm two high pinion gearbox with calibrated roller driven by 270 rpm 500 kW dc electric motor including drive panels

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14	320 mm two high pinion gearbox with calibrated roller driven by 325 rpm 630 kW dc electric motor including drive panels
15	320 mm two high pinion gearbox with calibrated roller driven by 390 rpm 630 kW dc electric motor including drive panels
16	300 mm finishing stand with side sliding made by Asmas,coupled reducer gear with ratio of 1/1.45 , 445 kW Siemens dc electric motor and Siemens motor drive panels
17	300 mm finishing stand with side sliding made by Asmas,coupled reducer gear with ratio of 1/1.19 , 445 kW Siemens dc electric motor and Siemens motor drive panels
18	Strands between stands are completely new fabricated .
19	Bottom plate rails of stands and motors
20	1000 mm dimensioned flying shear with complete clutch and electrovalves
21	200 ton guillotine shear
22	Automatic binding machine with 1000 ton daily capacity
23	Hydraulic hairpin machine with 2 ton capacity
24	Termex equipment for rebar from 8 to 12
25	Slitting guides for 2 and 3 channel, strands and shearing unit
26	Lathe capable for parts diametered to 500 mm (2 pcs)
27	Bench for opening nervure
28	Borvek bench for 63 mm
29	Column drilling machine

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30	Mechanic saw
31	Plain bench for 70
32	Air compressor for 10 m <sup>3</sup>
33	34,5/0,4 kV 1600 kVA transformer ,together with measuring cubicles and panels
34	34,5/0,4 kV 2500 kVA transformer
35	125 kVA diesel generator
36	Complete low voltage incoming ,distribution and compensation panels manufactured by Siemens and Scneider electric
37	3 pcs.water pumps with sufficient capacity to feed rolling mill
38	100 ton various size profile material and additional hall construction material
39	Sufficient various spare part. Necessary anchor bolts,sufficient spare rollers,sufficient spare shafts and joints



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