

ACE Group

Complete Rebar Continuous DANIELI Plant

ROLLING MILL

CHARACTERISTIC OF PLANT

STARTING MATERIAL: BILLET STARTING SQUARE 120 TO 160

FINISHED PRODUCT: RIBBED ROUND DIAM. 6 TO 20
POSSIBILITY PRODUCE ROUNDS 6 TO 32
POSSIBILITY PRODUCE SQUARE 10 TO 16

CAPACITY OF ROLLING MILL: **350.000 TON/YEAR**

ROUND DIAM. 6 23 TON./HOUR
ROUND DIAM. 8 35 TON./HOUR
ROUND DIAM. 10 40 TON./HOUR
ROUND DIAM. 12 50 TON./HOUR
ROUND DIAM. 16 65 TON./HOUR

FINAL SPEED:

ROUND DIAM. 6 SPEED 30 Mt./SEC.
ROUND DIAM. 8 SPEED 28 Mt./SEC.
ROUND DIAM. 10 SPEED 23 Mt./SEC.
ROUND DIAM. 12 SPEED 19 Mt./SEC.
ROUND DIAM. 16 SPEED 15 Mt./SEC.

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List Of Stands And Other Machine

Roughing Stands Red Ring Type H/V Total N°8 Passages N°3 Vertical And N°5 Horizontal (Stands Goa To G.6)

Stand Goa 'Danieli' Red Ring Housing Less **Horizontal Type** Pinion Stand I=560 Cylinder D.630 Barrel 800 Bearings Diameter Inside D.300
Driven By Dc Motor

Stand Gob 'Danieli' Red Ring Housing Less **Vertical Type** Pinion Stand I=560 Cylinder D.630 Barrel 800 Bearings Diameter Inside D.300
Driven By Dc Motor

Stand G1 'Danieli' Red Ring Housing Less **Horizontal Type** Pinion Stand I=560 Cylinder D.630 Barrel 800 Bearings Diameter Inside D.300
Driven By Dc Motor

Stand G2 'Danieli' Red Ring Housing Less **Vertical Type** Pinion Stand I=560 Cylinder D.630 Barrel 800 Bearings Diameter Inside D.300
Driven By Dc Motor

Stand G3 'Danieli' Red Ring Housing Less **Horizontal Type** Pinion Stand I=450 Cylinder D.525 Barrel 800 Bearings Diameter Inside D.240 Driven By Dc Motor

Stand G4 'Danieli' Red Ring Housing Less **Vertical Type** Pinion Stand I=450 Cylinder D.525 Barrel 600 Bearings Diameter Inside D.240
Driven By Dc Motor

Stand G.5 'Danieli' Red Ring Housing Less **Horizontal Type** Pinion Stand I=420 Cylinder D.455 Barrel 800 Bearings Diameter Inside D.230
Driven By Dc Motor

Stand G.6 'Danieli' Red Ring Housing Less **Horizontal Type** Pinion Stand I=420 Cylinder D.455 Barrel 800 Bearings Diameter Inside D.230
Driven By Dc Motor

Stand G.7 'Danieli' Red Ring Housing Less **Vertical Type** Pinion Stand I=380 Cylinder D.445 Barrel 600 Bearings Diameter Inside D.230
Driven By Dc Motor

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Stand G.8 'Danieli' Horizontal Type Pinion Stand I=360 Cylinder D.445 Barrel 800 Bearings Diameter Inside D.200
Driven By Dc Motor

Stand G.9 Horizontal Type Pinion Stand I=400 Cylinder D.430 Barrel 800 Bearings Diameter Inside D.200
Driven By Dc Motor

Stand G.10 Horizontal Type Pinion Stand I=320 Cylinder D.370 Barrel 715 Bearings Diameter Inside D.200
Driven By Dc Motor

Stand G.11 Horizontal Type Pinion Stand I=280 Cylinder D.370 Barrel 715 Bearings Diameter Inside D.200
Driven By Dc Motor

Stand G.12 Horizontal Type Pinion Stand I=280 Cylinder D.370 Barrel 715 Bearings Diameter Inside D.200
Driven By Dc Motor

Stand G.13 Red Ring Housing Less Horizontal Type Pinion Stand I=260 Cylinder D.330 Barrel 800 Bearings Diameter Inside D.160
Driven By Dc Motor

Stand G.14 Red Ring Housing Less Horizontal Type Pinion Stand I=260 Cylinder D.330 Barrel 800 Bearings Diameter Inside D.160
Driven By Dc Motor

Block N°1 Horizontal / Vertial Type Cylinder D.273 Barrel 85 Bearings Diameter Inside D.160
Driven By Dc Motor

Block N°2 Horizontal / Vertial Type Cylinder D.273 Barrel 85 Bearings Diameter Inside D.160
Driven By Dc Motor

Block N°3 Horizontal / Vertial Type Cylinder D.273 Barrel 85 Bearings Diameter Inside D.160
Driven By Dc Motor

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N.B. The Stands Goa And G1 Horizontal Are Manufactured To Use Reversible (For Work In Two Side)

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Other Machines For Rolling Mill

Flying Shear After The Stand N°6 For Cut Tail / Head And Cropping In Emergency

Flying Shear And Pinch Roll After The Stand N°12 For Cut Tail / Head And Cropping In Emergency

Complete Line 'Termex' With Pump Drived By Ac Motor With Inverter Kw.160 (N°2 Pieces)

N°2 Pinch Roll After The Termex System Drived By D Motor 70 Kw.
Flying Shear Entry The Cooling Bed Drived By D Motor

Tail Brake 'Danieli' Drived By N°2 Dc Motor Kw.73

Hidraulic Twin Channel Length 42 Mt.

Cooling Bed Length 42 Mt. Large 7 Mt. Pith 80 Mm. Drived By Ac Motor With Inverter 130 Kw.

Chain Transfer In The And Of Coolinb Bed

Roller Table Exit The Coolinb Bed With Rolls Diam.210 Barrel 1200

Coold Shear

Roller Way Exit Cold Shear

Roller Way Entry Binding Machine

Binding Machine 'Omv' Type

Roller Way Eit Binding Machine

Chain Transfer For Bundles

Roller Way For Transfer Bundles

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Complete Eletrial Part For All Part Of Rolling Mill

Included Transformers Cables And Accessoires.

N.B. The Rolling Mill Now Is Working And Is Possible See During The Work

**The Rolling Mill Is Saled Reconditioned And Operated Directly In Place
Inluded Start Tup And Training For The Workers.**



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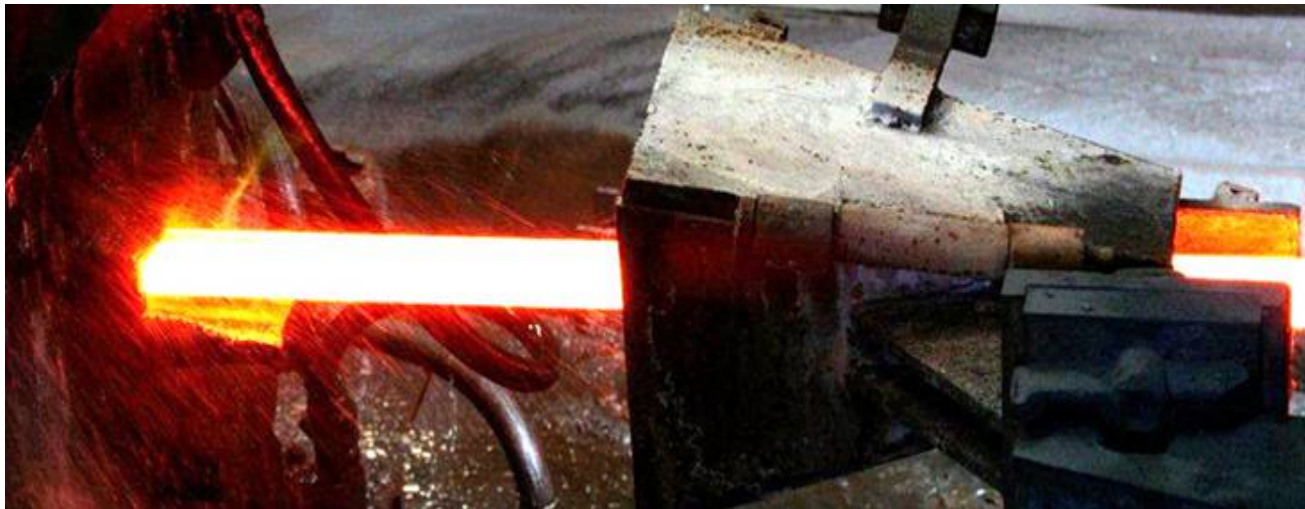
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