

30TON/H Steel Rebar Manufacturing Equipment for sale

- Rebar Production Size: Reinforcing Bars (D10, D13, D16, D19)
- Production Capacity: 32ton/hour (excluding heating furnace)
- Raw Material Size: Billet 120, 125, Length: Max. 3m
- Terms and Conditions
 - Year of Installation and Production: 1997~1999 (Korea)

■ Roughing Mill

No.	Equipment	Specification	Q'ty
1	Roller Conveyor	o. Roller : $\Phi 216 * 500L(mm)$ o. Size : $500B * 15,000L(mm)$, Power : 7.5Kw	1
2	High Pressure Mill Motor	o. AC 1,300Kw * 12P, 3,300V	
3	Flywheel	o. Size : $\Phi 2,300 * 300W(mm)$, Bearing Block	
4	Reducer	o. 1,300Kw, Gear Ratio : 1/5.5714 o. Input Speed : 589rpm, Output Speed : 104.59rpm	
5	Pinion Stand	o. 1,300Kw, Type : 3HI (3 step)	
6	Roll Stand	o. 3HI(3 step) Fiber Open Type, Sole Plate o. Roll : $\Phi 510 * 1,600L(mm)$, Spindle, Coupling	
7	Oil Celler	o. Pump : 5.5Kw, 140L/Min, o. Oil Tank : 1,400L	
8	Kant Table	o. Type : Roll Drive Chain Type o. 15Kw, Speed : 3.6m/Sec o. Length : 19.7m, Width : 1.71m o. 8Pass Table	
9	Approach Table	o. Type : Roll Drive Chain Type o. 15Kw, 11Kw, 7.5Kw, Speed : 3.8m/Sec, 4.7m/Sec o. Length : 19.6m, Width : 1.49m o. 8Pass Table	
10	60 Flying Shear	o. Type : Air Clutch, Brake Type, V-belt Drive o. Cutting Size : Max. 60(mm) o. 110Kw, Material Speed : Max. 2.78m/Sec o. Cutting Speed : 3.24m/Sec	

o. Intermediate Mill

No.	Equipment	Specification	Q'ty
1	Snip Shear	o. Cutting Size : Max. 45 (mm), Air Type o. Quantity : 2 sets	1
2	DC Motor (T1, T2)	o. DC 700Kw, 580V, 1,250A, 500-1,000rpm	
3	DC Motor (T3, T4)	o. DC 800Kw, 600V, 1,330A, 600-1,750rpm	
4	DC Motor (T5, T6)	o. DC 700Kw, 600V, 1,170A, 500-1,000rpm	
5	Distribution Reducer (T1, T2)	o. 600Kw, Gear Ratio : 1/10.899, 1/8.108	
6	Distribution Reducer (T3, T4)	o. 750Kw, Gear Ratio : 1/7.487, 1/5.641	
7	Distribution Reducer (T5, T6)	o. 500Kw, Gear Ratio : 1/4.632, 1/3.474	
8	Roll Stand	o. Type : 2HI(2 step) Fiber Open Type, Sole Plate o. $\Phi 320 * 800L(mm)$, Universal Joint, Coupling o. Quantity: T1,T2,T3,T4,T5,T6 (6 sets)	
9	Oil Celler	o. 7.5Kw, 340L/Min, \ o. Oil Tank : 2,000L o. Usage : T1,T2,T3,T4,T5,T6 (6 sets)	
10	25 Flying Shear	o. Air Clutch, Air Brake Type, V-Belt Drive o. Billet Size : Max.25(mm) o. 7.5Kw, Cutting Speed : Max.4.33m/Sec o. Air Pressure : 5.5Kg/cm ² (Min)	

o. Finishing Mill

No.	Equipment	Specification	Q'ty
1	DC Motor (T7,T8)	o. DC 550Kw, 460V, 1,350A, 780-1,500rpm	1
2	DC Motor (T9,T10)	o. DC 550Kw, 600V, 916A, 800-1,200rpm	
3	DC Motor (T11,T12)	o. DC 700Kw, 600V, 1,170A, 500-1,000rpm	
4	Distribution Reducer (T7,T8)	o. 500Kw, Gear Ratio : 1/4.417, 1/3.250	
5	Distribution Reducer (T9,T10)	o. 500Kw, Gear Ratio : 1/2.696, 1/2.043	
6	Distribution Reducer (T11, T12)	o. 500Kw, Gear Ratio : 1/1.719, 1/1.406	
7	Oil Celler	o. 5.5Kw, 280L/Min o. Oil Tank : 2,000L o. Usage: T7,T8,T9,T10,T11,T12	
8	Roll Stand	o. 2HI(2 steps) PS Bearing Type, Sole Plate o. $\Phi 360 * 800L(mm)$, Universal Joint, Coupling o. $\Phi 360 * 1,000L(mm)$, Universal Joint, Coupling o. PS Bearing Stand (14", $\Phi 360 * 800L$) : 6 sets o. PS Bearing Stand (14", $\Phi 360 * 1,000L$) : 2 sets o. Bearing Stand (14", $\Phi 360 * 800L$) : 4 sets o. Q'ty : T7,T8,T9,T10,T11,T12(12 sets)	
9	Rotary Shear	o. Knife : $\Phi 450mm$, Power : 5.5Kw o. Material Size : D10-D22 o. Material Speed : 12m/Sec o. Shearing Speed : 12m/Sec	
10	Pinch Roll	o. Air Cylinder Type o. Roller Speed : 9.3-13.5m/Sec o. Power : 7.5Kw o. Material Size : D10-D22	
11	Guide Device (Trumpet Guide)	o. 4-Line	

o. Billet Receiving Table

- Type : Chain Conveyor
- Line Speed : 7.2m/min, Power : 11Kw
- Charging Device included

o. Cooling Equipment

- Working Size : 6.8m * 53m
- Run In Table : 4 Strain * 53m
- Kicker and Brake : Air Cylinder Type
- V-Shape Table Pitch : 1,000 * 4 steps * 53Block(mm)
- Casting Correction: 330W * 850L * 150H(mm)
- Moving/Fixed Knife : Walking Type, Power : 75Kw
- Arrangement Roller : V-Groove Type
- Gathering System : Air Cylinder Type
Lever Lifting Type
- Run Out Conveyor : Roller Driving
- Q'ty : 1 set

o. Cutting Equipment

(300ton Cold Shear)

- Cutting Capacity : 300Ton
- Motor Power : 37Kw
- Material Size : D10-D32
- Air Clutch, Brake Type
- Stroke : 150mm
- Q'ty: 1 set

o. Biding Equipment

- Bar Handling Equipment : Capacity. 2ton/Ch
- Roller : 10"* 920L(mm)
- Gauge Table : 800W * 11,000L(mm)
- Roller Table : 800W * 10,000L(mm)
- Q'ty: 1 set

o. Binding Machine

- Binding Material : rebar, bar
- Binding Weight : 1,000kg ~ 2,000kg
- Cycle Time : 8Sec
- Binding Wire : Φ 5.5 (mild steel wire, SWRM8)
- Control Method : Electro-hydraulic control
- Q'ty: 2 sets (Maker : Japanese, DAIDO)

o. Air Compressor Equipment

- Air Compressor : Screw Air Cooled Type, Power : 75kW
- Discharge Capacity: 13.9m³/Min, 9.9kgf/cm³
- Air Volume: 44.8m³/Min
- Max. Pressure: 14.5kgf/cm³
- Pre Filter Capacity: 120m³/Min
- Line Filter Capacity: 110m³/Min
- Air Receive Tank: Capacity 2m³
- Q'ty: Air Compressor 3 sets, Auxiliary: 1 set

o. Spare Part

- Roll (20", 14", 12"), Guide – 1 set
- 14" Roll Stand Bearing – 1 set
- Roller Conveyor Pipe Roller – 1 set

1. Packing List

Item	Qt`y	Method	Page Remark
Billet Receiving Table Part			
1) Billet Receiving Table & Oil Celler Pipe	1	Out Door	7
2) Billet Receiving Conveyor	1	Out Door	7
3) Reheat Furnance Roller Table	1	In Door	7
4) Billet Charging device	1	In Door	8
5) Billet Charging device	1	In Door	8
6) Billet Charging device	1	In Door	8
7) Billet Charging device	1	In Door	9
8) Billet Charging device	1	In Door	9
Roughing Mill Part			
1) Roll (mill) Stand	1	In Door	10
2) Pinion Stand	1	In Door	10
3) Power (Motor) DC I1,2,3,f3,S & AC 1300KW)	1	In Door	10
4) Flying wheel	1	In Door	11
5) Reducer	1	In Door	11
6) Oil Celler	1	In Door	11
7) Convyor #1	1	In Door	12
8) Convyor #2	1	In Door	12
9) Convyor #3	1	In Door	12
10) Kant Table	1	In Door	13
11) Kant Table	1	In Door	13
12) Approach Table	1	In Door	13
13) Roller Table #1	1	In Door	14

Item	Qt'y	Method	Page	Remark
14) Roller Table #2	1	In Door	14	
15) Roller Table #3	1	In Door	14	
16) Roller Table #4	1	In Door	15	
17) Flying Shear	1	In / Pallet	15	
18) Roughing Mill Coupling	1	In / Pallet	15	
Intermediate Mill Part				
1) Snip Share (inc. Service Tank)	1	In / Pallet	16	
2) Roll Stand (#1.~#6)	1	In Door	16	
3) Universal Joint	1	In / Pallet	16	
4) Intermediate Mill Reducer (I1)	1	In Door	17	
5) Intermediate Mill Reducer (I2)	1	In Door	17	
6) Oil Celler	1	In Door	17	
7) Flying Shear (□ 25Flying Shear)	1	In Door	18	
8) DC Motor (DC I1,2,3, F3, S & AC 1300KW)	1	In Door	18	2-3)
9) Oil Celler Pipe	1	In Door	18	
Finishing Mill Part				
1) Roll Stand (#7. ~ #12)	1	In Door	19	3-2)
2) DC Motor (DC F1,2, S)	1	In Door	19	
3) Roll Mill Reducer (I3, F1,2,3)	1	In Door	19	
4) Oil Celler	1	In Door	20	
5) Rotary Shear	1	In Door	20	
6) Pinch Roll (#1, 2)	1	In / Pallet	20	
7) Pinch Roll (#3, 4)	1	In / Pallet	21	

Item	Qt'y	Method	Page	Remark
8) Trumpet Guide	1	In Door	21	
Cooling Bed part				
1) Run in Roller Table / Transfer & Cam Shaft	1	In Door	22	
2) Air Cylinder	1	In / Pallet	22	
3) Air Cylinder & Sol V/V	1	In / Pallet	22	
4) Run in Table	1	In Door	23	
5) Moving/Fixed Knife & Frame	1	In Door	23	
6) Cooling Bed Working Cam Base	1	In Door	23	
7) Moving Knife Cam Wheel	1	In / Pallet	24	
8) Muff Coupling / Liner	1	In / Pallet	24	
9) Gathering Cylinder	1	In / Pallet	24	
10) C/B Working Cam Drive Reducer	1	In Door	25	
11) C/B Working Cam Drive	1	In Door	25	
12) C/B Working Cam Drive Spare Part	1	In / Pallet	25	
13) Roller (B/H Transfer & C/B Roller Drive	1	In Door	26	
14) C/B Cam Drive Spare part	1	In Door	26	
15) C/B Transfer / Gathering / Run Out	1	In Door	26	
Cutting Machine Part				
1) 300 Ton Cold Shear	1	In Door	27	
2) Cold Shear Roller Table	1	Out Door	27	
Bar Handling Equipment Part				
1) B/H Transfer & C/B Roller Drive	1	In Door	28	
2) Binding Part Transfer	1	In Door	28	

	Item	Qt'y	Method	Page	Remark
3)	Bundle Table #1	1	In Door	28	
4)	Bundle Table #2	1	In Door	29	
5)	Binding Machine	1	In Door	29	
6)	Binding Table #1	1	In Door	29	
7)	Binding Table #2	1	In Door	30	
8)	Binding Table #3	1	In Door	30	
9)	Binding Machine Wire	1	In Door	30	
10)	Guage Table	1	Out Door	31	
11)	Bar handling Roller Table	1	In Door	31	
12)	Bar handling Cross Feeding Frame	1	Out Door	31	
	Compressor Equipment Part				
1)	Air Compressor Equip #1.	1	In Door	32	
2)	Air Compressor Equip #2.	1	In Door	32	
3)	Compressor Air Service Tank	1	In Door	32	
4)	Air Service Tank & Sol v/v Unit	1	In / Pallet	33	
5)	Air Service Tank	1	In / Pallet	33	
6)	Bindling Part Cylinder	1	In / Pallet	33	
	Electric Part				
1)	DC Control Panel	1	In Door	35	
2)	Panel	1	In Door	35	

Item	Qt'y	Method	Page	Remark
3) Control Panel	2	Op Room	35	
Etc.				
1) Walk Way	1	Out Door	36	
2) Walk Way	1	Out Door	36	
3) Walk Way	1	Out Door	36	
4) Safety Fence	1	Out Door	37	
5) Safety Fence	1	Out Door	37	
6) Hand Rail	1	Out Door	37	
7) Bar Handling Transfer Frame	1	Out Door	38	
8) Load Table	1	Out Door	38	
9) Safety Cover	1	Out Door	38	
10) Bundle Transfer Base	1	Out Door	39	
11) Guide	1	Out Door	39	
12) Guide	1	Out Door	39	
13) Air Cylinder	1	In / Pallet	40	
14) Air Cylinder Sol` V/V	1	In / Pallet	40	
Spare Part				
1) Roll Stand	1	In Door	41	
2) Spare Part Block /Ring	1	In Door	41	
3) Spare Motor	1	In / Box	41	
4) Spare Guide / Spare Motor	1	In / Box	42	
5) Spare Guide / Spare Motor	1	In / Box	42	
6) Spare Guide Block / 장입 Table Motor	1	In / Box	42	

Item	Qt'y	Method	Page	Remark
7) Spare Guide	2	In / Box	43	
8) Spare Guide / Spare Reducer	1	In / Box	43	
9) Motor	2	In / Box	43	
10) Guide / Clamp / Base / Reducer	1	In / Box	44	
11) Guide	2	In / Pallet	44	

2. Billet Receiving Table Part

No.	ITEM	Packing	Site	Qt'y
1)	Billet Receiving Table (Inc.oil celler Pipe)			
2)	Billet Receiving Conveyor			
3)	Reheat Furnance Roller Table			

No.	ITEM	Packing	Site	Qt'y
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4)



5)

Billet Charging device



6)



No.	ITEM	Packing	Site	Qty
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7)

Billet Charging Device









8)




3. Roughing Mill Part

No.	ITEM	Before Packing	Site	Qt'y
1)	Roll (Mill) Stand			
2)	Pinion Stand			
3)	Power (Motor) (DC I 1,2,3, F3, S & AC1300Kw)			

No.	ITEM	Before Packing	Site	Qt'y
4)	Flying Wheel			
5)	Reducer			
6)	Oil Celler			

No.	ITEM	Before Packing	Site	Qty
7)	Conveyor #1.			
8)	Conveyor #2.			
9)	Conveyor #3.			

No.	ITEM	Before Packing	Site	Qt'y
10)	Kant Table			
11)	Kant Table			
12)	Approach Table			

No.	ITEM	Before Packing	Site	Qty
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13) Roller Table #1









14) Roller Table #2



15) Roller Table #3



No.	ITEM	Before Packing	Site	Qt'y
16)	Roller Table #4			
17)	Flying Shear			
18)	Roughing Mill Coupling			




No.	ITEM	Before Packing	Site	Qty
43	Snap Share (Inc. Service Tank)			
44	Intermediate & Finishing Mill(Roll) Stand (#1. ~ #6)			
45	Universal Joint			

4. Intermediate Mill Part

No.	ITEM	Before Packing	Site	Qt'y
4)	Intermediate Mill Reducer (I 1)			
5)	Intermediate Mill Reducer (I 2)			
6)	Oil Celler			

No.	ITEM	Before Packing	Site	Qt'y
7)	Flying Shear (□25 FLYING SHEAR)			
8)	DC Motor (DC I 1,2,3, F3, S & AC1300Kw)		2.-3)	등일
9)	Oil Celler Pipe			

5. Finishing Mill Part

No.	ITEM	Before Packing	Site	Qt'y
1)	Roll Stand (#7. ~ #12.)		3.-2)	
2)	DC Motor (DC F 1, 2, S)			
3)	Roll Mill Reducer (I 3, F 1, 2, 3)			

No.	ITEM	Before Packing	Site	Qt'y
4)	Oil Celler			
5)	Rotary Shear			
6)	Pinch Roll (#1. 2.)			

No.	ITEM	Before Packing	Site	Qt'y
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7) Pinch Roll (#3. 4.)



8) Trumpet Guide



6. Cooling Bed Part

No.	ITEM	Before Packing	Site	Qty
1)	Run in Roller Table / Transfer & Cam Shaft			
2)	Air Cylinder			
3)	Air Cylinder & Sol ⁿ V/V			

No.	ITEM	Before Packing	Site	Qty
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1) Run In Table








2) Moving/Fixed Knife & Frame



3) Cooling Bed Working Cam Base



No.	ITEM	Before Packing	Site	Qt'y
71	Moving Knife Cam Wheel			
81	Muff Coupling & Liner			
91	Gathering Cylinder			

No.	ITEM	Before Packing	Site	Qt'y
10	C/B Working Cam Drive Reducer			
11	C/B Working Cam Drive			
12	C/B Cam Drive Spare Part			


No.	ITEM	Before Packing	Site	Qt'y
13)	Roller (B/H Transfer & C/B Roller Drive)			
14)	C/B Working Cam Drive Reducer			
15)	C/B Transfer / Gathering / Run Out			




7. Cutting Machine Part

No.	ITEM	Before Packing	Site	Qt'y
1)	300Ton Cold Shear			
2)	Cold Shear Roller Table			

8. Bar Handling Equipment Part

No.	ITEM	Before Packing	Site	Qt'y
43	B/H Transfer & C/B Roller Drive			
23	Binding Part Transfer			
23	Bundle Table #1.			

No.	ITEM	Before Packing	Site	Qty
4)	Bundle Table #2.			
5)	Binding Machine			
6)	Binding Table #1.			

No.	ITEM	Before Packing	Site	Qty
7)	Binding Table #2.			
8)	Binding Table #3.			
9)	Binding Machine Wire			

No.	ITEM	Before Packing	Site	Qt'y
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10) Guage Table



11) Bar Handling Roller Table






12) Bar Handling Cross Feeding Frame






9. Compressor Equipment Part


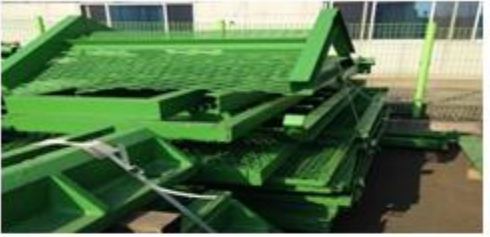


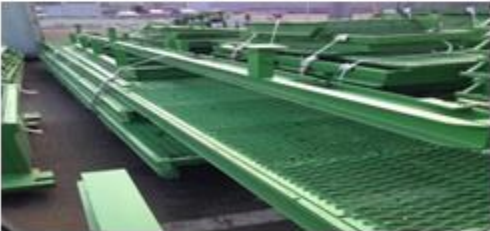
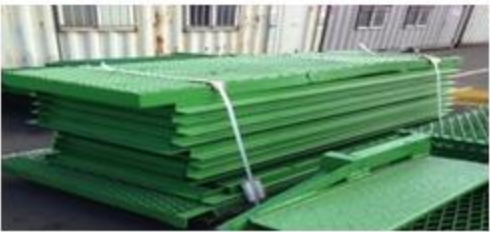
No.	ITEM	Before Packing	Site	Qt'y
1)	Air Compressor Equip #1	 A blue metal cabinet for an air compressor, featuring a control panel with several gauges and switches on the front door. It is situated in an industrial setting with other machinery visible in the background.		
2)	Air Compressor Equip #2	 A blue metal cabinet for an air compressor, similar to the first one, with a control panel on the front. It is located in a factory or workshop environment.		
3)	Compressor Air Service Tank	 A large, vertical, green cylindrical air service tank. It has a circular access panel on the side and is supported by a green metal frame. The tank is positioned in an industrial area.		


No.	ITEM	Before Packing	Site	Qt'y
4)	Air Service Tank & Sol V/V unit		Pallet	
5)	Air Service Tank		Pallet	
6)	Binding Part Cylinder		Pallet	

10. Electric Part

No.	ITEM	Before Packing	Site	Qt'y
1)	DC Control panel	 A row of several grey DC control panels is shown in a factory setting. The panels are arranged in a line, and green machinery is visible in the foreground and background.		
2)	Panel	 A close-up view of a grey electrical panel. The panel has several yellow labels and a row of terminals or switches on its front face.		
3)	Control Panel	 A control panel is shown wrapped in clear plastic for packing. The panel is secured with a red strap across the front. The plastic is crinkled and reflects light.		

11. ETC. Part

No.	ITEM	Before Packing	Site	Qt'y
1)		 		
2)	Walk Way	 		
3)		 		

No.	ITEM	Before Packing	Site	Qty
4)	Safety Fence			
5)	Safety Fence			
6)	Hand Rail			

No.	ITEM	Before Packing	Site	Qt'y
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7) Bar Handling Transfer Frame






8) Load Table



9) Safety Cover



No.	ITEM	Before Packing	Site	Qty
10)	Bundle Transfer Base			
11)	Guide			
12)				


No.	ITEM	Before Packing	Site	Qt'y
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13) Air Cylinder



14) Air Cylinder Solⁿ V/V



No.	ITEM	Before Packing	Site	Qt'y
1)	Mill Stand			
2)	Block & Ring			
3)	Motor		Box	1

No.	ITEM	Before Packing	Site	Qt'y
4)	Guide / Motor	 	Box	1
5)	Guide / Motor	 	Box	1
6)	Guide Block / 장입 Table Motor	 	Box	1

No.	ITEM	Before Packing	Site	Qt'y
7)	Guide		Box	2
8)	Guide / Reducer		Box	1
9)	Motor		Box	2

No.	ITEM	Before Packing	Site	Qt'y
10)	Guide / Clamp / Base / Reducer	 	Box	1
11)	Guide	 	Pallet	2

-- ALL DETAILS GIVEN IN GOOD FAITH BUT WITHOUT GUARANTEE --