Technical datasheet

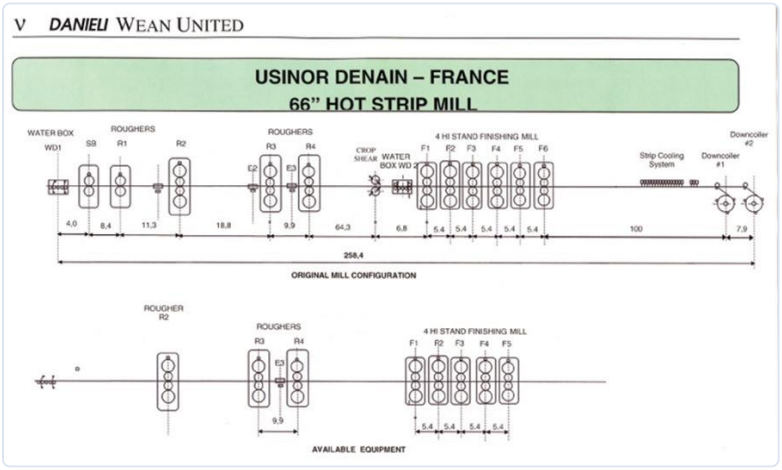
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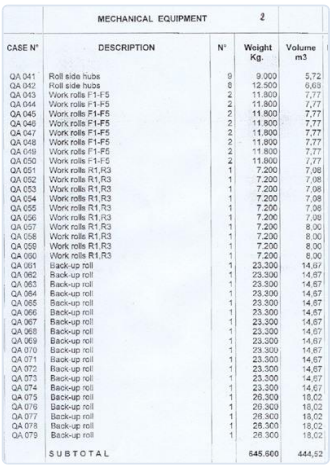
HOT STRIP MILL MACHINES

United Hot – strip mill

Brand: United · Type: Hot - strip mill

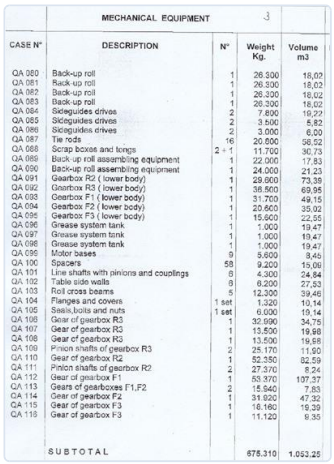






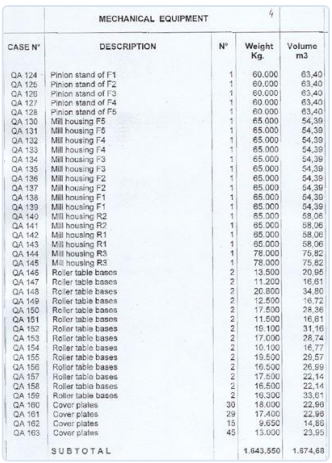
MECHANICAL EQUIPMENT 2

CASE N°	DESCRIPTION	N°	Weight Kg.	Volume m3
QA 041	Roll side hubs	9	9.000	5,72
QA 042	Roll side hubs	8	12.500	6,68
QA 043	Work rolls F1-F5	2	11.800	7,77
QA 044	Work rolls F1-F5	2	11.800	7,77
QA 045	Work rolls F1-F5	2	11.800	7,77
QA 046	Work rolls F1-F5	2	11.800	7,77
QA 047	Work rolls F1-F5	2	11.800	7,77
QA 048	Work rolls F1-F5	2	11.800	7,77
QA 049	Work rolls F1-F5	2	11.800	7,77
QA 050	Work rolls F1-F5	2	11.800	7,77
QA 051	Work rolls R1,R3	1	7.200	7,08
QA 052	Work rolls R1,R3	1	7.200	7,08
QA 053	Work rolls R1,R3	1	7.200	7,08
QA 054	Work rolls R1,R3	1	7.200	7,08
QA 055	Work rolls R1,R3	1	7.200	7,08
QA 056	Work rolls R1,R3	1	7.200	7,08
QA 057	Work rolls R1,R3	1	7.200	8,00
QA 058	Work rolls R1,R3	1	7.200	8,00
QA 059	Work rolls R1,R3	1	7.200	8,00
QA 060	Work rolls R1,R3	1	7.200	8,00
QA 061	Back-up roll	1	23.300	14,67
QA 062	Back-up roll	1	23.300	14,67
QA 063	Back-up roll	1	23.300	14,67
QA 064	Back-up roll	1	23.300	14,67
QA 065	Back-up roll	1	23.300	14,67
QA 066	Back-up roll	1	23.300	14,67
QA 067	Back-up roll	1	23.300	14,67
QA 068	Back-up roll	1	23.300	14,67
QA 069	Back-up roll	1	23.300	14,67
QA 070	Back-up roll	1	23.300	14,67
QA 071	Back-up roll	1	23.300	14,67
QA 072	Back-up roll	1	23.300	14,67
QA 073	Back-up roll	1	23.300	14,67
QA 074	Back-up roll	1	23.300	14,67
QA 075	Back-up roll	1	26.300	18,02
QA 076	Back-up roll	1	26.300	18,02
QA 077	Back-up roll	1	26.300	18,02
QA 078	Back-up roll	1	26.300	18,02
QA 079	Back-up roll	1	26.300	18,02
	SUBTOTAL		645.600	444,52



MECHANICAL EQUIPMENT 3

CASE N°	DESCRIPTION	N°	Weight Kg.	Volume m3
QA 080	Back-up roll	1	26.300	18,02
QA 081	Back-up roll	1	26.300	18,02
QA 082	Back-up roll	1	26.300	18,02
QA 083	Back-up roll	1	26.300	18,02
QA 084	Sideguides drives	2	7.890	19,22
QA 085	Sideguides drives	2	3.500	5,82
QA 086	Sideguides drives	2	3.000	6,00
QA 087	Tie rods	16	20.800	58,52
QA 088	Scrap boxes and tongs	2 + 1	11.700	30,73
QA 089	Back-up roll assembling equipment	1	22.000	17,83
QA 090	Back-up roll assembling equipment	1	24.000	21,23
QA 091	Gearbox R2 (lower body)	1	29.600	73,39
QA 092	Gearbox R3 (lower body)	1	38.500	69,95
QA 093	Gearbox F1 (lower body)	1	31.700	49,15
QA 094	Gearbox F2 (lower body)	1	20.600	35,02
QA 095	Gearbox F3 (lower body)	1	15.600	22,55
QA 096	Grease system tank	1	1.000	19,47
QA 097	Grease system tank	1	1.000	19,47
QA 098	Grease system tank	1	1.000	19,47
QA 099	Motor bases	9	5.600	8,49
QA 100	Spacers	58	9.200	15,09
QA 101	Line shafts with pinions and couplings	8	4.300	24,84
QA 102	Table side walls	8	6.200	27,53
QA 103	Roll cross beams	5	12.300	39,46
QA 104	Flanges and covers	1 set	1.320	10,14
QA 105	Studs,bolts and nuts	1 set	6.000	19,14
QA 106	Gear of gearbox R3	1	32.990	34,75
QA 107	Gear of gearbox R3	1	13.500	19,98
QA 108	Gear of gearbox R3	1	13.500	19,68
QA 109	Pinion shafts of gearbox R3	2	25.170	11,90
QA 110	Gear of gearbox R2	1	52.350	82,59
QA 111	Pinion shafts of gearbox R2	2	27.370	8,24
QA 112	Gear of gearbox F1	1	53.370	107,37
QA 113	Gears of gearboxes F1,F2	2	15.940	7,83
QA 114	Gear of gearbox F2	1	31.920	47,32
QA 115	Gear of gearbox F3	1	16.160	19,39
QA 116	Gear of gearbox F3	1	11.120	8,35
	SUBTOTAL		676.310	1.053,25



MECHANICAL EQUIPMENT 4

CASE N°	DESCRIPTION	N°	Weight Kg.	Volume m3
QA 124	Pinion stand of F1	1	60.000	63,40
QA 125	Pinion stand of F2	1	60.000	63,40
QA 126	Pinion stand of F3	1	60.000	63,40
QA 127	Pinion stand of F4	1	60.000	63,40
QA 128	Pinion stand of F5	1	60.000	63,40
QA 130	Mill housing F5	1	65.000	54,39
QA 131	Mill housing F5	1	65.000	54,39
QA 132	Mill housing F4	1	65.000	54,39
QA 133	Mill housing F4	1	65.000	54,39
QA 134	Mill housing F3	1	65.000	54,39
QA 135	Mill housing F3	1	65.000	54,39
QA 136	Mill housing F2	1	65.000	54,39
QA 137	Mill housing F2	1	65.000	54,39
QA 138	Mill housing F1	1	65.000	54,39
QA 139	Mill housing F1	1	65.000	54,39
QA 140	Mill housing R2	1	65.000	58,06
QA 141	Mill housing R2	1	65.000	58,06
QA 142	Mill housing R1	1	65.000	58,06
QA 143	Mill housing R1	1	65.000	58,06
QA 144	Mill housing R3	1	78.000	75,82
QA 145	Mill housing R3	1	78.000	75,82
QA 146	Roller table bases	2	13.500	20,66
QA 147	Roller table bases	2	11.200	16,61
QA 148	Roller table bases	2	20.800	34,80
QA 149	Roller table bases	2	12.500	16,72
QA 150	Roller table bases	2	17.500	24,36
QA 151	Roller table bases	2	11.500	16,61
QA 152	Roller table bases	2	16.100	31,16
QA 153	Roller table bases	2	17.000	28,74
QA 154	Roller table bases	2	10.100	16,77
QA 155	Roller table bases	2	19.500	26,57
QA 156	Roller table bases	2	16.500	26,99
QA 157	Roller table bases	2	17.500	22,14
QA 158	Roller table bases	2	16.500	22,14
QA 159	Roller table bases	2	16.300	33,61
QA 160	Cover plates	30	18.000	22,90
QA 161	Cover plates	29	17.400	22,96
QA 162	Cover plates	15	9.650	14,89
QA 163	Cover plates	45	13.000	23,95
	SUBTOTAL		1.643.550	1.674,68

HOT STRIP MILL MACHINES

Capaticy in Ton / year	**1 950 000**	Material 1	**L-M-H carbon st**
Material 2	**Stainless st**	See part list under technical information	*
Click to enlarge	*		

DESCRIPTION

New hot strip mill, never served because war situation. (Tech. plans available)

Materials: L-M-H carbon steel / stainless steel

Slabs: 150/250 x 600/1560 x 4900/5500 mm

Strip thickness: 1,5 - 8 mm

Strip width: 600 - 1540 mm

CONTACT

Dam-Apt BV

De Tonne 77 · 9800 Deinze · Belgium

Tel: +32 (0)9 386 15 71 · info@aptint.com

www.aptint.com · VAT BE 0405.595.996

Scan for the online datasheet

Coil weight: 13 ton

1 - 4HI UNITED Roughing mill stand 33"/ 51" x 66"
(no pinion stand, no gearbox and no motor)
2 - 4HI CLECIM Roughing mill stand 36"/ 53" x 66"
> with gearbox (1:6.32) (no pinion stand)
> 2 x 4,000 Hp at 145 - 290 Rpm DC motors with reactance
3 - 4HI UNITED Roughing mill stand 32"/ 53" x 66"
> with gearbox (1:9.71) (no pinion stand)
> 2 x 4,000 Hp at 500 Rpm AC Synchronous motors with reactance
4 - 4HI UNITED Finishing mill stand 25" / 49" x 66"
> with pinion stand and gearbox (1:5.61)
> 1 x 4500 Hp at 200 - 355 Rpm DC motors with reactance
5 - 4HI UNITED Finishing mill stand 25" / 49" x 66"
> with pinion stand and gearbox (1:3.17)
> 1 x 5000 Hp at 171 - 345 Rpm DC motors with reactance
6 - 4HI UNITED Finishing mill stand 25" / 49" x 66"
> with pinion stand and gearbox (1:1.90)
> 1 x 5000 Hp at 155 - 310 Rpm DC motors with reactance
7 - 4HI UNITED Finishing mill stand 25" / 49" x 66"
> with pinion stand - direct driven
> 1 x 5000 Hp at 108 - 230 Rpm DC motors with reactance
8 - 4HI UNITED Finishing mill stand 25" / 49" x 66"
> with pinion stand - direct driven
> 1 x 4000 Hp at 135 - 270 Rpm DC motors with reactance
9 - 28" CINCINNATI Grinding machine
10 - 44" FARREL Grinding machine
11 - Approx 20 rollers between the roughers

PRICE

Price on request

Request a quote

CONTACT

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