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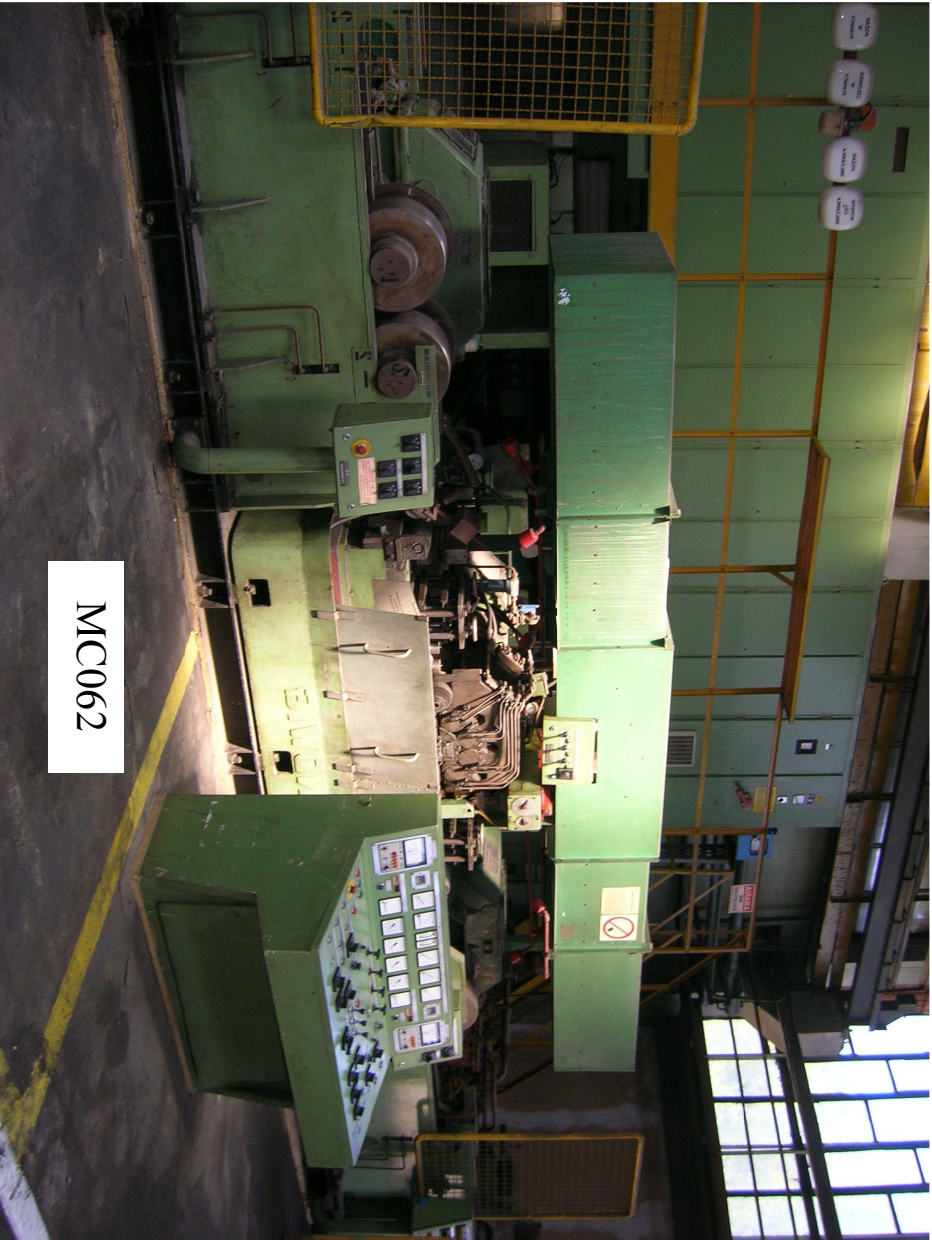


SA036

## £102 LISTINGS

### STEELWORKS EQUIPMENT

ARRANQUOTE LTD, UNIT 4 HERITAGE ENTERPRISE ACRES, WAKEFIELD ROAD,  
FITZWILLIAM, PONTEFRAC, WEST YORKSHIRE, ENGLAND WF9 5BP



MC062

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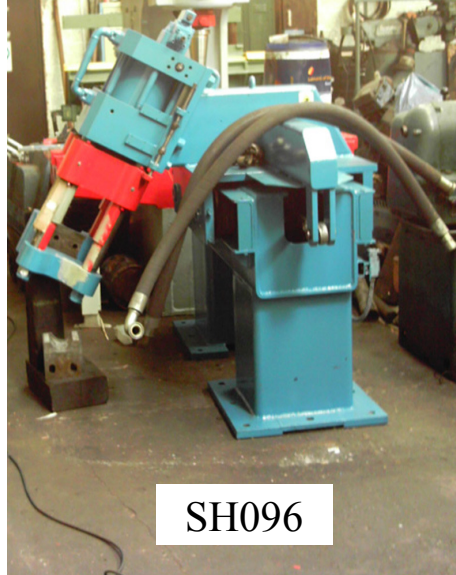


ME216

<b>BBC</b>		GLEICHSTROMMOTOR	
BROWN BOVERI		MOTEUR A COURANT CONTINU	
		DIRECT CURRENT MOTOR	
No.H -AW 587413	Typ.	G 500 r 500	
P 300	kW	m <sub>rot.</sub> 1580	kg m <sub>tot.</sub> 5400
n (800) 400	1/min	J 250	kg m <sup>2</sup> ICW37A85
U 500	V	U <sub>e</sub> 220	V IM B3
I 640	A	I <sub>e</sub> 20	A IP 44
Duty s1		El.	Cl. F
IEC 84-1 1969		Δp 80kp/m <sup>2</sup>	2.2 m <sup>3</sup> /s
			40 °C

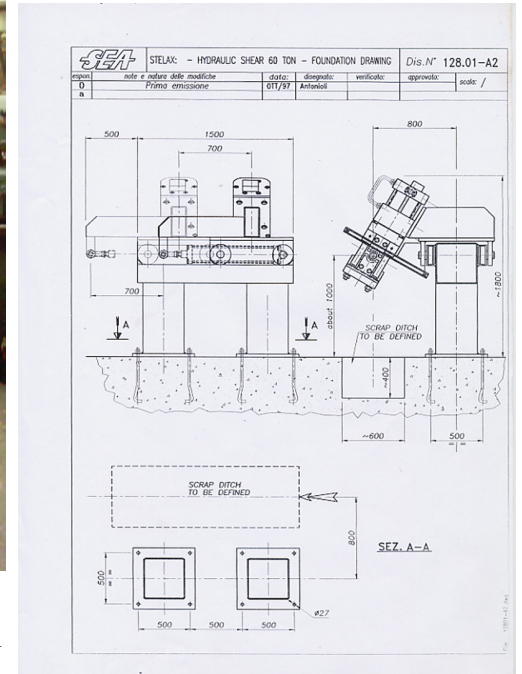
**WEBSTER & BENNETT**, 36DH Vertical Boring Machine, table dia. 36", speeds 9 – 200rpm, max swing 42", distance from table to underside of Rail 19½", Coolant system, table guards, Newell DP7 Digital Readout. (ME222)

**ASQUITH**, ODI 6ft Radial Arm Drill, Spindle taper 5MT, Power feed, DC brake, box table 5ft x 3ft, , Max workpiece height 1500mm, Max drilling capacity 75mm, 6" with counter boring (ME223)



SH096

shear, speed 0.3 - 0.5m/s, max material dia. 70mm, blade, 700mm movement, 150mm wide, pass height 1000mm, year 1997 (SH114)



**WANTED**

We are always looking to purchase machinery. Please offer us your surplus machines.

Tel +44 (0)1977 617319  
 Email: [info@steelworksequipment.com](mailto:info@steelworksequipment.com)

Equipment  
d'atelier

## WORKSHOP EQUIPMENT

Werkstatt  
Maschinen

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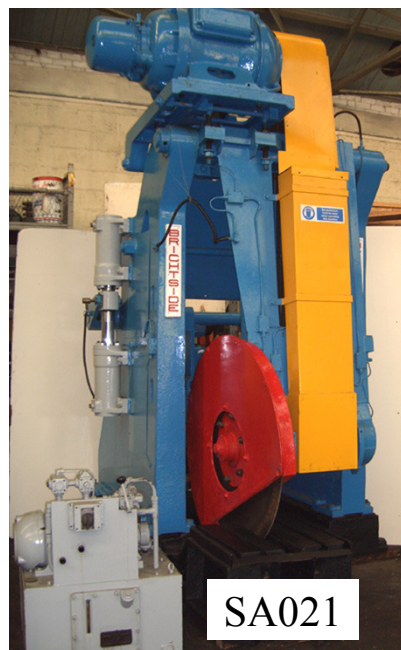
**JONES & SHIPMAN**, surface grinder model 1400 with power rise and fall, magnetic chuck and coolant 8" x 24" capacity (ME204)

**BLISS**, model 308, 500 ton double sided mechanical press, 10" stroke, 20 strokes per minute, 36" x 40" bed area. (ENT001)

**W H BLAKE**, electric travelling goliath crane, block by Sidlaw Industries SWL 2 tonnes, pendant control, 12ft high x 14ft 3" wide complete with 100ft of floor mounted rail (ENT002)

**WMW**, model PKXA 63 ton mechanical Pressbrake, folding length 3550mm, 70mm stroke, 10Hp motor, motorised adjustment, complete with top and bottom tooling, weight 10.5 tons (ENT003)

**JONES & SHIPMAN**, surface grinder model 540 with power rise and fall, magnetic chuck and coolant (ME221)



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Laminoirs à  
Chaud

## HOT ROLLING MILLS

Warmwalzwerk

**MESTA**, 2 Stand breakdown mill, 22" dia. X 38.25" barrel complete with Lufkin combination boxes and 600kW motors (MH168)

**WOOD JENKS**, 4 Stand open train hand mill, Stand 1 : 9" x 30" 3Hi Stand 2 : 9" x 30" 3 Hi Stand 3 : 9" x 24" 3Hi Stand 4 : 9" x 24" 2Hi, Fabric stand bearings. Combined Gear/Pinion Box : 3 Hi : 9" Centres : Roller Bearings throughout : Ratio 4.54:1 ratio : 2 input shafts : Flywheel on input side. Drive Motors (2) : 1 x 250 Hp AC : 1 x 150 Hp AC. This mill is complete with chocks, drive boxes, spindles and baseplates, rolls destroyed to discourage competition (MH174)

**MORGARDSHAMMAR**, P635 Vertical mill top driven. Roll dia. 550 - 355mm, barrel length 814mm. Roller bearing throughout, additional change stand, year 1987. (MH178)

**SKODA**, 5 stand 300mm x 630mm barrel intermediate mill, roller bearings, 1000kW DC motor, 2.6:1 gerbox, (2) 3 Hi stands (used 2 Hi) and (1) 2 Hi stand. 250kW DC motor, 1.93:1 gearbox (1) 2 Hi stand, 250kW DC motor, 1.63:1 gearbox (1) 2 Hi stand (MH185)

17" 2 Stand 2 Hi mill, 1250HP AC motor, 500rpm, 6.4:1 ratio Gearbox (MH188)

**INNOCENTI**, planetary hot strip mill, T. Sendzimir design Pl-32-22. The Mill has a Walking Beam furnace, capacity 15 MT/hr for Carbon steel, 10 MT/hr for stainless steel, Furnace Size: 10730 X 8300mm Maximum strip thickness from planetary 8 mm, Minimum strip thickness from planetary 1.65 mm, Production rate 2 m / min, 2 tons per/hr. The coils wt can be up to 3 tonnes, 1250 HP Motors D.C drive, Coiler and Coil Car, Planetary and Planeshing Mill, Rotary Crop Shear (MH187)

**MORGARDSHAMMAR**, 2 Hi reversing mill, 740mm dia. X 1644mm brrel length, 2 Hi pinion box 800mm centres 1720kW capacity, double reduction gearbox 10:1 ratio, requires 2 x 1000Hp motors (MH190)

**WEAN DAMIRON**, galvanising line, strip width 550 - 1650mm, thickness 0.3 - 3mm, entry coil 27 tonnes, exit coil 13.5 tonnes, speed around 100m/min, capacity 28tph for 1000mm wide x 1mm thick at 720°C, year 1964 various upgrades (ME202)

**SIDERPROGETTI**, Galvanising line, strip width 600 - 1160mm, thickness 0.25 - 0.8mm, entry coil weight 30 tonnes, exit coil weight 15 tonnes, speed around 150m/min, capacity 25tph for 1000mm x 0.48mm at 720°C, year 1987 modified 1990 (ME203)

**NKK**, continuous annealing line, width 600 - 1650-mm, thickness 0.35 - 2.5mm, max speed 220m/min, furnace power 30 000kW, nominal capacity 500 000 tonnes per year, Year 1986, last update 2003. (ME204)

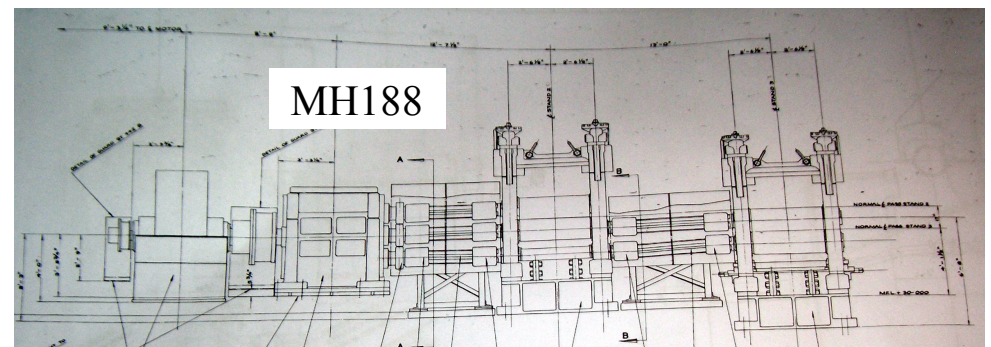
**VICKERS**, hydraulic power pack, twin pump arrangement (ME012)

**SINGLEHURST**, hydraulic power pack, type W.O.10.461, 2000 psi max working pressure, 10Hp 1450rpm motor (ME058)

**COMAR**, hydraulic power pack, serial no. P5622910, 2000 psi,max working pressure, 157 l/min, 40Hp motor, 1450 rpm, year 1991 (ME059)

**H.C.S.**, Cassapa pump unit, hydraulic power pack 1500 psi max working pressure, 18.5kW motor, 1465 rpm (ME060)

Pickling Line , Type of Line, Semi continuous deep type,,material to be pickled, Low and medium carbon mild steel, Line speed, 50 mpm, Width 200mm to 800 mm, Thickness 1.60 mm to 6.0 mm, Capacity 8500 MT/Month (ME220)



Transformateurs    **TRANSFORMERS**    Transformatoren

**ENGLISH ELECTRIC**, transformer 300kVA capacity, primary Volts 11 000V, secondary volts 433 - 250V, primary Amps 15.75A, secondary Amps 400A, power 479kW, Year 1969, (ME119)

**TRANSFORMERS & RECTIFIERS**, 430kVA capacity, primary volts 11 000V, secondary volts 475V, primary Amps 22.75A, secondary Amps 525A, 50 cycles (ME122)

**BRUSH**, transformer, 810kVA capacity, primary volts 11 000V, secondary volts 455V, primary Amps 425A, secondary Amps 41027.8A, 50 cycles, Year 1972 ( ME136)

Grues    **CRANES**    Krane

**ABUS**, Overhead Crane, 13.5m span, 10 000kg capacity DEMAG hoist (ME054)

**PFEIFFER** , Overhead Crane, 13.5m span, 10 000kg capacity DEMAG hoist (ME054a)

Machines Outils    **MISCELLANEOUS**    Werkzeugmaschinen  
**EQUIPMENT**

**DAVID BROWN**, Geared Drive Units, type M07205, input 3kW 1500rpm, output 253rpm (ME103)

**SHAWFORGE**, Hydraulic sample testing press, 4480 psi working pressure (150 tonne) (ME089)

**THORNTON**, 14" roller bearing mill chocks (ME141)

**QUAST**, pneumatically operated pinch rolls top roll 5" x 18", bottom roll 9" x 20", pass height 12" approx, vee belt driven (2 available) (ME196)

Cages

**MILL STANDS**

Gerüste

**QUAST**, 3 Hi open top mill stand roll dia.300mm x 700mm barrel, fabric bearings (MHA086)

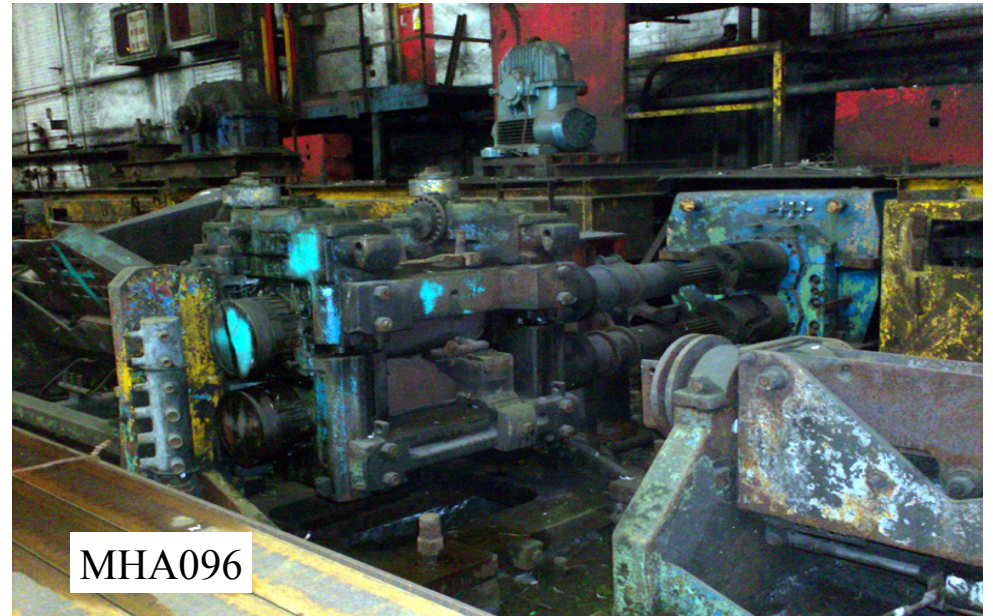
**BRIGHTSIDE**, 2 Hi open top mill stand 10" dia x 28" barrel, roller bearings (MHA084)

**BRIGHTSIDE**, 2 Hi open top mill stand 26" dia. x 46" barrel, fabric bearings, 2 off (MHA86)

**MORGARDSHAMMAR**, P481a 2 Hi roller bearing rolling mill stands 420mm dia. x 600mm barrel (MHA094)

**MORGARDSHAMMAR**, P520 2 Hi roller bearing rolling mill stands 320mm dia. x 600mm barrel. 4 available. (MH095)

**MORGARDSHAMMAR**, P481a 2 Hi roller bearing rolling mill stands 335mm dia. x 600mm barrel, complete with gearbox and pinion, posts couplings etc. (no motors) 6 available. (MHA096)



Refroidisseurs

**COOLING BEDS**

Kühlbetten

**MORGAN**, rack and carry over design cooling bed, 80m long x 9.22m wide, notches at 70mm pitch, finishing speed 3-11.3m/sec. (CB013)



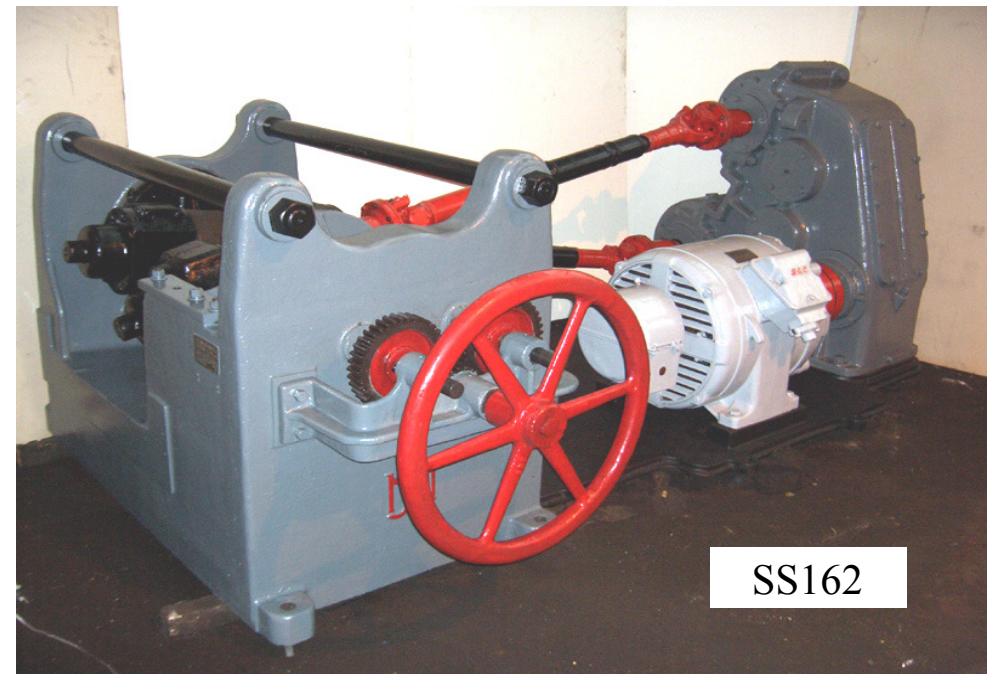
Boites à Engrenages  
& Pignons

**GEARBOXES  
& PINIONS**

Getriebe  
& kammwalzgetriebe

**M&R**, 3 Hi Pinion box, 750kW capacity, 320mm centres, white metal bearings, double helical gears, year 1964 excellent condition (GP045)

**HORSBOROUGH & SCOTT**, 3 Hi combination box, 800Hp capacity, ratio 8.1:1, 355mm centres, roller bearings, year 1980 excellent condition (GP074)



**BIGWOOD**, RS5 8 roll section Straightener (4 upper rolls adjustable)  
Range Flats 108mm x 32mm - 125mm x 25mm, Angle 125mm x 125mm  
x 16mm, Channel 150mm x 75mm, Tee 150mm x 100mm x 16mm,  
Square 78mm, Hex 89mm, Round 89mm dia. (SS168)

**MILLS**, 60 Ton C Frame Press, stroke 12ins, daylight 24ins, throat  
16.5ins, table 66 ins x 18ins, actuation Foot Pedal, Pump Size 2 AD, 2240  
psi, Motor 7.5 Hp AC, 3ph, 50 cycles, 965rpm, (SS173)

**MILLS**, 75 Ton C Frame Press, stroke 12ins, daylight 24ins, throat  
16.5ins, table 66 ins x 18ins, actuation Foot Pedal, Pump Size 2AM, 2850  
psi, Motor 7.5 Hp AC, 3ph, 50 cycles, 1450rpm, (SS174)

**MILLS**, 100 Ton C Frame Press, Pump Size 3A, (SS175)

**MILLS**, 100 Ton C Frame Press (SS176)

Machines à étirer **DRAWBENCHES** Ziehmaschinen

**CSEPEL**, 60mm dia. Capacity single pull draw bench, max length 8.5m.  
(DB013)

**CSEPEL**, 12 ton single pull chain operated draw bench, 8-22mmsq. 8-  
22mm dia. 8 - 24mm hex. Speed 12 m/min, max length 8m. Year 1957  
(DB014)

**CSEPEL**, type ZA32 (under Kieserling licence) 32 ton three pull chain  
operated draw bench, 10-30mm capacity, single pull up to 60mm dia. max  
length 9m. Year 1969 (DB015)

**SUNDWIG**, 32mm dia. capacity single pull draw bench, max length  
8.5m.(DB016)

**HIGEAR**, 980:1 ratio unscrambler drive unit (GP057)

**UNITED**, 2 Hi pinion box 30" centres (GP058)

**LUFKIN**, 2 Hi combination box, 1500 Hp capacity, 14.5:1 ratio (GP073)

**HORSBOROUGH & SCOTT**, 2 Hi combination box, 800Hp capacity,  
ratio 6.5:1, 355mm centres, roller bearings, year 1980 excellent condition  
(GP075)

**BIRDSBORO**, 3 Hi roller bearing combination box, 480mm centres  
(GP076)

**BRITTON**, gearbox 260 Hp rated, 23:1 ratio (GP077)

**LUFKIN**, 2 Hi combination box, 1500 Hp capacity, 14.5:1 ratio (GP089)

**DAVID BROWN**, reduction gearbox 171 Hp capacity, 25.4:1 ratio  
GP090)



Laminaires à Froid      **COLD ROLLING MILLS**      Kaltwalzwerk

**SUNDWIG**, 4 Hi cold rolling mill 250 - 420mm wide, 0.3 - 4.5mm thick (MC052)

**VEB** , 20 Hi cold rolling mill, 100mm - 410mm width, 0.1 - 2.0mm thickness, speed 0- 150m/min, year 1962(MC053)

**DEMAG**, 4 Hi cold rolling mill 100 - 430mm wide, 0.2 - 3.5mm thick, max coil weight 5500kg (MC054)

**MINO**, Cold rolling mill for changing round bar into strip, comprising 3 stands and 2 edgers, input 5.5 - 18mm dia. Output strip thickness 8 - 25mm wide, 1.5 - 6mm thick, speed upto 200m/min (MC055)

**INDIAN**, 4 Hi reversible cold rolling mill, strip width 390-625mm, input strip thickness 1.6-6mm, rolling speed 110m/min, work roll, 228mm dia., back-up roll 640mm dia. Output strip thickness 0.3mm-2.5mm, coil weight 10 tons, coil id 508mm, coil od 1700mm, Main motor 400kW (MC061)

20-Hi Cold Reversing Cluster Mill, model VW20R, Strip Width: 100-145mm, Thickness: 0,1-2,0mm, Coil id 450mm, Coil od 1200mm, thickness measuring system (MC062)

Moteurs de Laminier      **MILL MOTORS**      Walzwerk Motoren

**ELECTRIC CONSTRUCTION COMPANY**, 350HP AC Mill motor, 2200 V, 82 A, 50 cycles, 3Ph, 1500rpm, (ME039)

**LAWRENCE & SCOTT**, 150Bhp induction motor, 1480rpm, 183A, 400/440V, 3Ph, 50 cycles, star delta connected, 1967 (ME046)

**LAWRENCE & SCOTT**, 150Bhp induction motor, 1480rpm, 178A, 400/440V, 3Ph, 50 cycles, delta connected, 1970 (ME047)

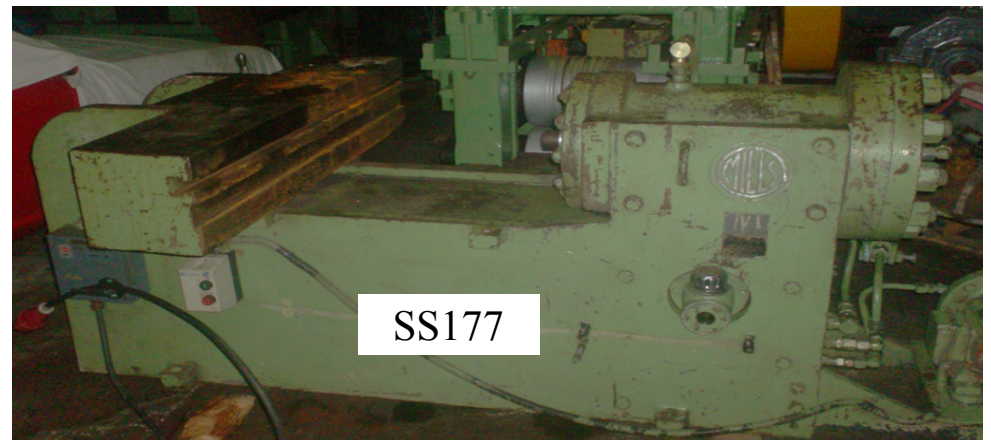
Dresseuses à tubes Ronds et Profiles      **Section Straighteners & Reeling Machines**      Rohr Richtmaschinen Rund und Profil

**FARMER NORTON**, No.4 reeling machine, capacity 12.7 - 89mm mild steel, 12.7 - 102mm non-ferrous, throughput 10-20m/min, Motor 70Hp (SS138)

**SCRIVEN**, 2 Plane Straightening Machine, 16 rolls, 8 horizontal, 8 vertical, nominal roll dia. 250mm, roll centres 380mm, roller bearings, weight 17 000 kgs, drive motors 2 x 20Hp, year 1983 (SS149)

**IWT**, Stretch straightener 0 - 75 tonnes capacity, Range: flats 20 x 3m - 50 x 12mm; Angles 25 x 25 x 3mm - 50 x 50 x 6mm (SS152)

**BIGWOOD**, RS4 8 roll section Straightener (4 upper rolls adjustable) Range Flats up to 80 x 25mm - 100 x 10mm, Angle 100mm x 100mm x 20mm, Channel 125 x 63, Tee 125m x 100mm x 13mm, Square 60mm, Hex 70mm, Round 70mm dia. (SS163)



**MILLS**, 100 Ton horizontal straightening press, stroke 14ins, max jaw pitch 46", min jaw pitch 10", 8ft x 4ft2ins x 4ft, weight 4000kg (SS177)



Scies            **SAWS**    Sägen

**ALEXANDER** Triple 12 twin pillar automatic bandsaw, capacity 12" x 12", variable speed & feed, weight 2.5 tons (SA005)

**BRIGHTSIDE**, Hotsaw 48" Blade dia., 75 Hp 3ph, 440V motor, Feed variable forward/ reverse, year 1958, good working condition (SA021)

**BEHRINGER**, Bandsaw model HBP650 heavy duty twin pillar automatic bandsaw, 650mm dia, 650 x 850mm rectangle, variable speeds and feeds, year 1982 (SA032)

**FORTE**, High performance, heavy duty bandsaw model SBA401, 400 x 400mm square, with auto bar feed, year 1986 (SA031)

**AMADA**, HA-400 Bandsaw 400 x 400mm, automatic bar feed (SA029)

**MISSLER**, DEB280 heavy duty twin pillar automatic horizontal bandsaw, Capacity 280mm round, band size 4100 x 32 x 1.1mm, 4kw drive motor, cutting speeds 10-120m/min, weight 2000kg., Year (SA037)

**MISSLER**, DEB420 heavy duty twin pillar automatic horizontal bandsaw, Capacity 420mm round, band size 6200 x 50 x 1.3mm, 7kw drive motor, cutting speeds 10-120m/min, computacut control, weight 3000kg., Year (SA038)

**BIRKETT CUTMASTER**, model M200 abrasive saw, 16" blade (SA035)

**KALTENBACH / BEHRINGER**, HBP340A heavy duty twin pillar automatic horizontal bandsaw, Capacity Round 340mm, Square 340 x 340mm, Input 415/3/50 AC 4 kW, Speeds 8.5-60 m/min Vice opens 370mm, Twin vice system, Stroke of feed vice 600mm, Weight approx. 2.5 tons, year 1990 (SA036)

**BRITISH THOMPSON HOUSTON**, 350 Hp AC mill motor 400V, 470 A, 50 Hz, 3 Ph, Rotor 630V, 250A, 490rpm (ME184)

**BBC (Brown Boveri)**, 300kw DC motor, Speed 400 / 800rpm, Motor No. AW587413, Type G 500 r 500, Rotor Weight 1580kgs Total Weight 5.4 Tons (actual motor weight including fan/filter 6.5 tons) J 250kgm<sup>2</sup>, Ic A85W37 U 600V Ue 220V I 535A Ie 20A Duty S1 IP44 (4 available) (ME216)

**GEC**, 300kW DC motor, type QMSL500/800, 600V, 545A, 400/800rpm, insulation class F, peak A 1090, Year 1980 (ME217)

**WESTINGHOUSE**, 500 Hp AC induction motor, type HSB, frame 5010L, 3 Ph, 50 Hz, 2300V, 114A, 1478rpm, (2 available) (ME218)

**CANADIAN GE**, 800HP AC motor, 2300V, 3 Ph, 50 Hz, 2300V, 184A, 985rpm (ME219)



Cisailles      **SHEARS**      Scheren

**ERFURT**, SCPK 800 Ton Billet Shear, Cutting capacity 160 x 160mm, 170mm dia. 425 x 67mm flat, 20 strokes per min in continuous operation, 55kW drive motor (SH092)

**FERRCO**, Flying Shear, Capacity 6.6"sq, max material thickness 2.9", Blade 10" Wide, max. speed 470fpm, crank eccentric 8.75", year 1975 (SH043)

**MORGARDSHAMMAR**, R213V Rotary Flying Shear, for dividing bars into cooling bed lengths, and for cropping the head and tail ends of wire rod at an early stage during rolling 16 tons, adequate for 1.60in. max square bars of 0.5% carbon steel at 800°C, bar speed 400 - 2000fpm, min 2 seconds between cuts (SH093)

**HEZEL**, semi-automatic revolver type shear, type AMH4, capacity 30mm dia. max (SH055)

**MORGARDSHAMMAR**, R213V Rotary Flying Shear, for dividing bars into cooling bed lengths, and for cropping the head and tail ends of wire rod at an early stage during rolling 16 tons, adequate for 1.60in. max square bars of 0.5% carbon steel at 800°C, bar speed 400 - 2000fpm, min 2 seconds between cuts (SH095)

**PRATT BROTHERS**, 65 Ton mechanical product shear, 16" blade length, 2 " stroke, 3" daylight, 10 Hp motor, weight approx. 6.5 tons (SH096)

**ERFURT**, SCK 800 Ton Billet Shear, Cutting capacity 160 x 160mm, 170mm dia. 425 x 67mm flat, 20 strokes per min in continuous operation, 55kW drive motor (SH101)

**ERFURT**, SCPK 500 Ton Billet Shear, Cutting capacity 125 x 125mm, 132mm dia. 375 x 50mm flat, (SH102)

**ERFURT**, SCK 1000 Ton Billet Shear, Cutting capacity 180 x 180mm, 190mm dia. 450 x 85mm flat, (SH103)

**ERFURT**, SCK 1600 Ton Billet Shear, Cutting capacity 220 x 220mm, 235mm dia. 500 x 110mm flat, (SH104)

**ERFURT**, SCPK 800 Ton Billet Shear, Cutting capacity 160 x 160mm, 170mm dia. 425 x 67mm flat, 20 strokes per min in continuous operation, 55kW drive motor (SH107)

**BRET**, type CAF100, 1000 Ton Billet Shear, Cutting capacity 160 x 160mm, 180mm dia. 460 x 90mm flat, stroke 150mm, 22 strokes per min, complete with bar feed, max length with stop 1000mm, any length without stop, motor 75kW, year 1972, (SS108)

**SEA**, 60 Ton hydraulic flying shear, speed 0.3 - 0.5m/s, max material dia. 70mm, blade, 700mm movement, 150mm wide, pass height 1000mm, year 1997 (SH114)

Machines combines      **COMBINATION**      Kombinierte  
d'étirage                      **LINES**                      Ziehmaschinen

**SCHUMAG**, No.2 combined straightening, drawing and cut to length line 10 - 22mm dia capacity, drawing speed 27m/min, 6.5m max cut bar length (CML030)

**SCHUMAG**, RP 1 combined straightening, drawing and cut to length line, 5 - 18mm dia capacity, drawing speed 20/27/40m/min, 4m max cut bar length(CML031)