



Manufacturing quality transmission products

PRINCIPAL PLANT LIST

<u>Type & Quantity</u>	Description
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Turning

1	Hitachi Seiki CS25 Vertical Turning Cell
1	Leadwell LTC 20 BP CNC Lathe
1	Leadwell GTC 20 BP CNC Lathe
1	Daewoo Puma 10HC CNC Lathe
1	Colchester Bantam 2000 Manual Lathe
3	Harrison M300 Manual Lathes
1	Harrison M500 Manual Lathe
1	Pinacho Mustang 200SK

Drilling & Tapping

1	Heckertt Multi Spindle Machine.
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Milling

3	VMC 25 Machining Centre with 850 x 400mm Working Area.
1	Semco Universal Milling Machine with D.T.I.
1	Cincinnati Horizontal Milling Machine.

Broaching and Slotting

1	Rauch Vertical Broaching Machine 4 Ton Pull.
1	Thule 30" (762mm) Slotting Machine.

Gear Hobbing Machines

1	Modul 03 fitted with NUM 760, CNC Control.
1	Modul ZFWZ 250/3.
1	Leibherr 301 300mm Dia Max. Capacity.
1	Toss F0-10 48" (1.2 Meter) Dia Max. Capacity.
1	Pfauter RS 1.
1	Pfauter P250.
1	Pfauter P251
1	Pfauter RS00.
4	Mikron 102.
1	Mikron 102 Retro Fitted with CNC control.
1	Klingelberg Hob & Cutter Grinder
2	Mikron Hob Grinder.

Gear Shaping Machines

1	Sykes V10 with Auto Loading.
2	Sykes V10 Manual Loading.
1	Sykes S6 with Auto Loading.
2	Maxicut 3A.
3	Maxicut 2A.
1	Sykes V10A Rack Cutting Machine.
1	Mikron 114 Rack Cutting Machine.
1	Shaper Cutter Grinding Machine.

Worm and Thread Milling Machines

3	Mikron 104 Machines.
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PRINCIPAL PLANT LIST - Continued

<u>Type & Quantity</u>	Description
Gear Grinding Machines	
1	Reishaure Type AZA
3	Reishauer Type NZA Machines.
1	Reishauer Type US Thread and Worm Grinding Machine.
General Grinding Machines	
1	Brown and Sharp Cylindrical Grinder.
1	Kikinda Cylindrical Grinder.
1	Ribon Cylindrical Grinder.
1	Churchill HBX Bore Grinder.
1	Churchill Ring Grinder.
1	SFW 400/2 Surface Grinder.
1	Jones & Shipman Ultramat 650 Cylindrical
Honing Machine	
2	Sunnen Automatic 1804 Machines.
1	Sunnen Manual Machine.
Finishing and Fettleing	
1	Vixen Jet Air Shot Blaster.
1	Vixen High Pressure Jet Wash.
1	Rossler Vibratory De-Burrer.
2	Redin Corporation No 6 Gear Tooth De-Burring Machines.
1	Burrows & Smith Gear Tooth Chamfering Machine.
1	Hey No 10 Gear Tooth Rounding and Chamfering Machine.
Miscellaneous Machines	
1	Uttings Band saw.
2	Fork Lift Truck.
IT Equipment	
1	Edgcam CAD/CAM System
1	ZAR worm, helical & spur gear design software
1	Sales order processing & manufacturing control software

PRINCIPAL INSPECTION EQUIPMENT

1	Goulder - Mikron Single Flank Gear Tester
2	David Brown Lead and Involute Profile Testers.
1	David Brown Power Driven Double Flank Rolling Gear Tester.
1	Goulder Lead Tester.
1	Goulder Involute Tester.
1	Goulder Roll Tester
4	Parkson Roll Testers. (Inspection Only)
1	Parkson Worm & Wheel Tester.
14	Parkson Roll Testers. (Works Use)
1	Shadow Graph Machine.
2	Sunnen Bore Gauging Sets.
1	Rockwell Hardness Tester.
1	Cicinatti Electronic Height Gauge.
1	Mitutoyo CMM Apex 544

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