

A SERIES OF ONLINE AUCTIONS AND NEGOTIATED SALES

DB DAVID BROWN
Engineered around you

Due to ongoing reinvestment, assets no longer required by David Brown Gear Systems Ltd

Large Capacity Gear Manufacturing Machinery & Machine Tools



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IL 60007 U.S.A.

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HILCO INDUSTRIAL EUROPE

Due to ongoing reinvestment, assets no longer required
by David Brown Gear Systems Ltd



AUCTION DATE

PHASE 1 – ONLINE AUCTION: 28 FEB 2013

PHASE 2 – ONGOING NEGOTIATED SALE

PREVIEW DATE

BY APPOINTMENT ONLY

AUCTION & PREVIEW LOCATION
HUDDERSFIELD, UNITED KINGDOM

FURTHER INFORMATION

- A BUYER'S PREMIUM WILL BE CHARGED ON ALL ASSETS SOLD BY AUCTION. THE SALES WILL BE CONDUCTED IN ENGLISH, ACCEPTING STERLING ONLY.
- FOR FURTHER INFORMATION ON MACHINERY & EQUIPMENT, PLEASE CONTACT SIMON HALSEY AT +44 (0)8453 130 181 OR EMAIL SHALSEY@HILCOEUROPE.COM
ADAM STEVENSON AT +1 (0)847 545 6370 OR EMAIL
ADAM@PERFECTIONINDUSTRIAL.COM
- FOR PAYMENTS PLEASE CONTACT YVETTE STREETE AT +44 (0)845 130 151 OR EMAIL YSTREETE@HILCOEUROPE.COM OR HILCO ACCOUNTS RECEIVABLE AT
ACCOUNTS@HILCOEUROPE.COM
- FOR CUSTOMER SERVICE, PLEASE CONTACT SHIRLEY PHIPPS AT
+44 (0)121 237 6221 OR EMAIL SPHIPPS@HILCOEUROPE.COM

PHASE 1 – ONLINE AUCTION ASSETS

GEAR MACHINERY

- **Pfauter P3001 Universal Gear Hobber (1978)**
Max Workpiece dia 3000mm, Table Diameter 2500mm, Max Module 25mm, Max Axial Slide 1200mm, Internal/External/Shaving Heads, Change Gears, Tooling
- **Schiess RF40 Gear Hobber (1955)**
Max Gear dia 4000mm (will admit 5000mm), Max Face Width 1800mm, Max Table Load 40 Tonnes, Tailstock, Interlocking Guards, Change Gears, Tooling
- **Schiess RFW 10S Horizontal Pinion Hobber (1968)**
Max Gear dia 1400mm, Max Helix Angle 45 deg, Max Module 12, Max Distance Between Faceplate & Tailstock 4000mm, Max Workpiece Weight 15 Tonnes, Max Traverse of Hob Saddle 2850mm, Change Gears, Interlocking Guards, Tooling
- **Sykes 3C Gear Generator**
Straight/ Helical Guides, 2 x Cutter Heads, Guards, Change Gears, Tooling
- **Sunderland 19" Gear Planer**
Max Gear dia (Spur) 56"/1421mm, Max Face Width 9.5"/241mm, Max Diametral Pitch 1.5/Module 16, Change Gears, Interlocking Guards

INSPECTION MACHINERY

- **Hofler EMZ-2602 CNC Gear Checker (1991)**
Max Workpiece dia 2600mm, Min Internal Gear dia 20mm, Max Module 32, Max Helix Angle 90 deg, Max Table Load 10000lbs, Max Distance Between Centres 1850mm, 650mm dia Faceplate (Fitted), 1100mm dia Faceplate
- **Baty R202 Shadowgraph**
Vertical Screen 500mm/20", Longitudinal Movement 300mm/12", Vertical Movement 200mm/8", Sony LF-200 Magnescale DRO
- **Herald Shadowgraph**

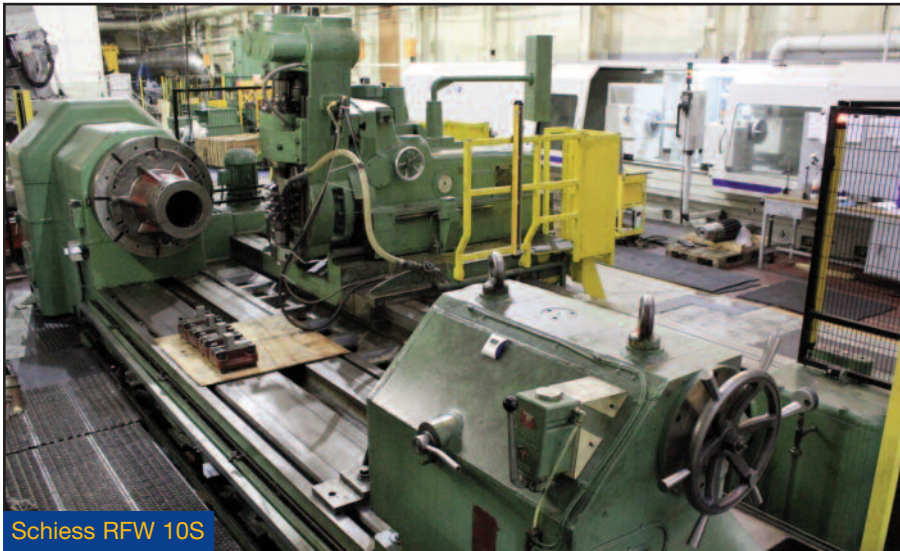
MACHINE TOOLS

- **Webster & Bennett Millennium 1600/2200 2S Series 4 CNC Vertical Borer (1997)**
Siemens Sinumerik 840D, Max Swing 1600mm, Max Turned dia 1250mm, Max Height Under Rail 2000mm, Main Motor 55Kw, Ram Stroke 1500mm, C-Axis, 2 x 18 Station Tool Changers, Max Table Speed 585rpm, Tooling
- **Denham SR.20V Centre Lathe**
Max Swing 36", Max Distance Between Centres 12'0", 1 x 3 point Steady, 3 x 4 Point Steadies, Tooling
- **Ward No.8 Combination Turret Lathe**
Max Swing 19.5" (15" within Chuck Guards), Max Distance Between Centres 84", 15" 3-Jaw Chuck, Covered Slides, Guards, Coolant, 3-Point Steady, Tooling
- **Churchill Type 'FB' 36" x 192" Plain Cylindrical Grinder (1956)**
28 3/4" dia Faceplate, Centre Grinding Attachment, Steadies, Extraction, Telescopic Guards
- **Churchill Type 'F' 24" x 144" Heavy Plain Cylindrical Grinder (1963)**
22" dia Faceplate, Centre Grinding Attachment, Steadies, Extraction, Telescopic Guards
- **Springfield 'IB Crown' Vertical Spindle Rotary Table Grinder**
18"/457mm dia Chuck, Max Swing 24"/609mm, Interchangeable Spindle, Manual Wheel Dresser
- **Chevalier FSG-818AD Horizontal Spindle Surface Grinder**
Table Size 720mm x 210mm, 450mm x 200mm Electro-Magnetic Chuck, Newall Digipac 5 DRO, Coolant Filtration Unit
- **Hurth KF32a Twin Spindle Spline Milling Machine**
Table (Standard) 59" x 14 3/4", Max Cutter dia 3 3/4", Spindle Head Travel 15 3/4", Guards
- **Snow Surface (Ring) Grinder**
15"/380mm Magnetic Rotary Chuck, Coolant Filtration Unit
- **Jones & Shipman 310T Tool & Cutter Grinder**
- **G.Vilar Type 105 Tool & Cutter Grinder**
- **Lapointe HP75 Horizontal Broach**
72" Stroke
- **Ibarmia Progress 50-CA Geared Pillar Drill**
Spindle Speeds (9) 58 - 1098rpm, 565mm x 565mm Rise & Fall Table

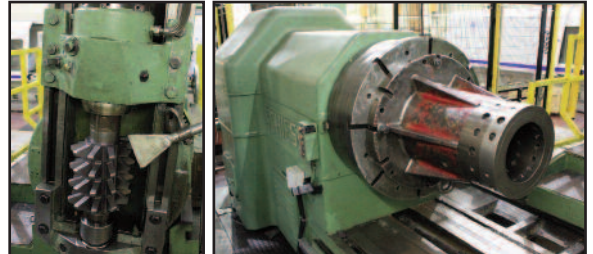
All items are offered for sale by Online Auction unless previously sold by Negotiated Sale

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PHASE 1 – ONLINE AUCTION



Schiess RFW 10S



GEAR AND PINION HOBBER

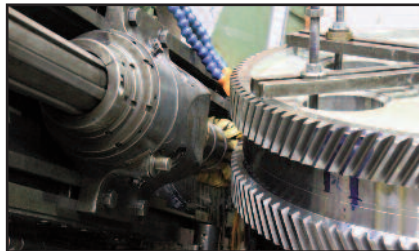
- **Schiess RF40 Gear Hobber (1955)**

Max Gear dia 4000mm (will admit 5000mm), Max Face Width 1800mm, Max Table Load 40 Tonnes, Tailstock, Interlocking Guards, Change Gears, Tooling



- **Pfauter P3001 Universal Gear Hobber (1978)**

Max Workpiece dia 3000mm, Table Diameter 2500mm, Max Module 25mm, Max Axial Slide 1200mm, Internal/External/Shaving Heads, Change Gears, Tooling



- **Schiess RFW 10S Horizontal Pinion Hobber (1968)**

Max Gear dia 1400mm, Max Helix Angle 45 deg, Max Module 12, Max Distance Between Faceplate & Tailstock 4000mm, Max Workpiece Weight 15 Tonnes, Max Traverse of Hob Saddle 2850mm, Change Gears, Interlocking Guards, Tooling



Schiess RF40



Pfauter P3001



PHASE 1 – ONLINE AUCTION



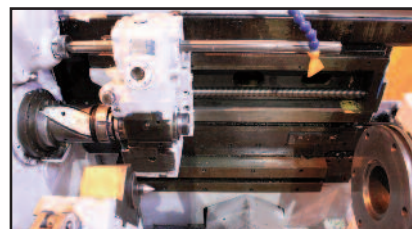
Sunderland 19"



Sykes 3C

GEAR GENERATOR AND PLANER

- **Sykes 3C Gear Generator**
Straight/ Helical Guides, 2 x Cutter Heads, Guards, Change Gears, Tooling
- **Sunderland 19" Gear Planer**
Max Gear dia (Spur) 56"/1421mm, Max Face Width 9.5"/241mm, Max Diametral Pitch 1.5/Module 16, Change Gears, Interlocking Guards



VERTICAL BORER

- **Webster & Bennett Millennium 1600/2200 2S Series 4 CNC Vertical Borer (1997)**
Siemens Sinumerik 840D, Max Swing 1600mm, Max Turned dia 1250mm, Max Height Under Rail 2000mm, Main Motor 55Kw, Ram Stroke 1500mm, C-Axis, Tooling, 2 x 18 Station Tool Changers, Max Table Speed 585rpm



Webster & Bennett Millennium 1600/2200 2S Series 4

PHASE 1 – ONLINE AUCTION

INSPECTION MACHINERY

- **Hofler EMZ-2602 CNC Gear Checker (1991)**

Max Workpiece dia 2600mm, Min Internal Gear dia 20mm, Max Module 32, Max Helix Angle 90 deg, Max Table Load 10000lbs, Max Distance Between Centres 1850mm, 650mm dia Faceplate (Fitted), 1100mm dia Faceplate

- **Baty R202 Shadowgraph**

Vertical Screen 500mm/20", Longitudinal Movement 300mm/12", Vertical Movement 200mm/8", Sony LF-200 Magnescale DRO

- **Herald Shadowgraph**



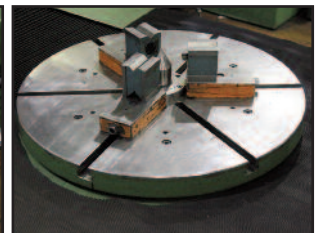
MACHINE TOOLS

- **Denham SR.20V Centre Lathe**

Max Swing 36", Max Distance Between Centres 12'0",
1 x 3 point Steady,
3 x 4 Point Steadies, Tooling

- **Ward No.8 Combination Turret Lathe**

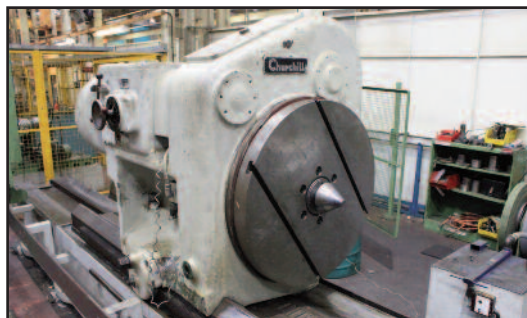
Max Swing 19.5" (15" within Chuck Guards), Max Distance Between Centres 84", 15" 3-Jaw Chuck, Covered Slides, Guards, Coolant, 3-Point Steady, Tooling



PHASE 1 – ONLINE AUCTION



Churchill Type 'FB' 36" x 192"



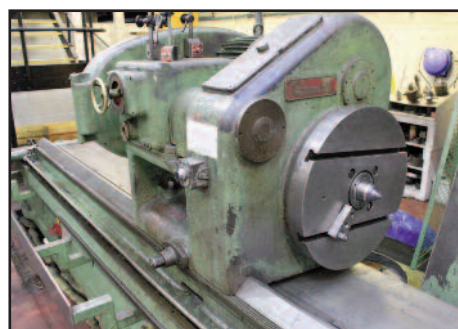
Chevalier FSG-818AD

MACHINE TOOLS

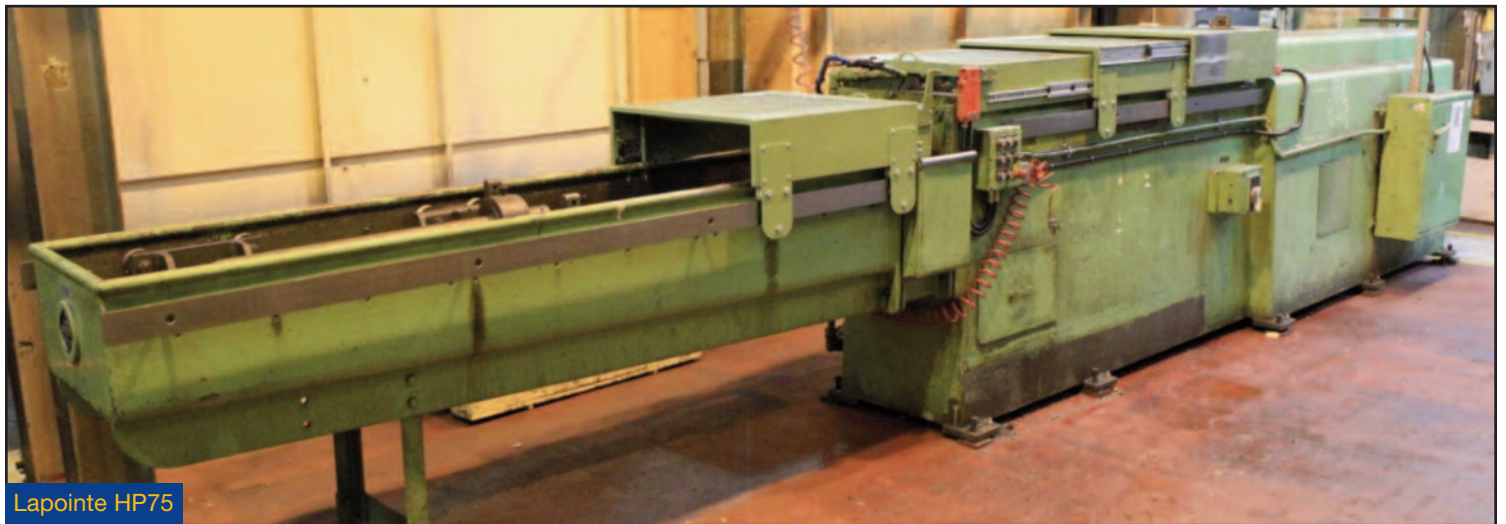
- **Churchill Type 'FB' 36" x 192" Plain Cylindrical Grinder (1956)**
28 3/4" dia Faceplate, Centre Grinding Attachment, Steadies, Extraction, Telescopic Guards
- **Churchill Type 'F' 24" x 144" Heavy Plain Cylindrical Grinder (1963)**
22" dia Faceplate, Centre Grinding Attachment, Steadies, Extraction, Telescopic Guards
- **Chevalier FSG-818AD Horizontal Spindle Surface Grinder**
Table Size 720mm x 210mm, 450mm x 200mm Electro-Magnetic Chuck, Newall Digipac 5 DRO, Coolant Filtration Unit



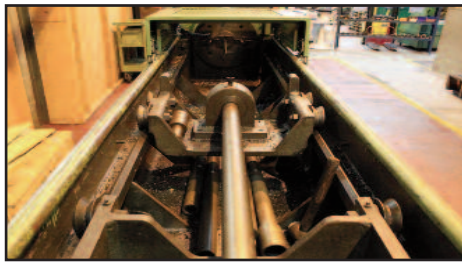
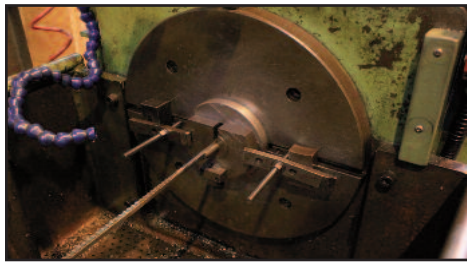
Churchill Type 'F' 24" x 144"



PHASE 1 – ONLINE AUCTION



Lapointe HP75



MACHINE TOOLS

- **Hurth KF32a Twin Spindle Spline Milling Machine**
Table (Standard) 59" x 14 3/4", Max Cutter dia 3 3/4", Spindle Head Travel 15 3/4", Guards
- **Lapointe HP75 Horizontal Broach**
72" Stroke
- **Ibarmia Progress 50-CA Geared Pillar Drill**
Spindle Speeds (9) 58 - 1098rpm, 565mm x 565mm Rise & Fall Table



Hurth KF32a

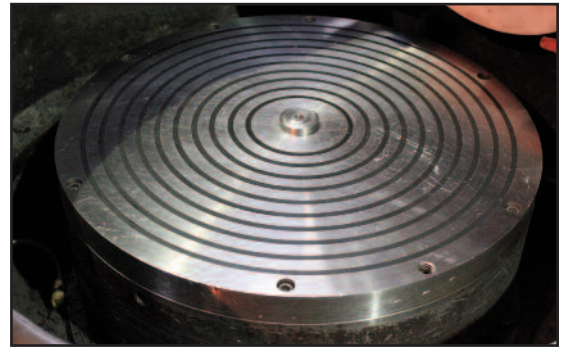


Ibarmia Progress 50-CA

PHASE 1 – ONLINE AUCTION



Springfield '1B Crown'



Snow Grinder



Jones & Shipman 310T

MACHINE TOOLS

- **Springfield '1B Crown' Vertical Spindle Rotary Table Grinder**
18"/457mm dia Chuck, Max Swing 24"/609mm, Interchangeable Spindle, Manual Wheel Dresser
- **Snow Surface (Ring) Grinder**
15"/380mm Magnetic Rotary Chuck, Coolant Filtration Unit
- **Jones & Shipman 310T Tool & Cutter Grinder**
- **G.Vilar Type 105 Tool & Cutter Grinder**



G. Vilar Type 105

PHASE 2 – ONGOING NEGOTIATED SALE

GEAR MACHINERY

- **MAAG HSS-460B Gear Grinder (c1983)**
Max Root dia 4775mm/188", Max Pitch 25 Mod/1 DP, Max Stroke 1735mm/68", Max Table Load 60 Tonnes, Change Gears, Dust Extraction
- **MAAG SH350/500 Gear Shaper (1981)**
Max Tip Circle dia 5000mm, Max Face Width (Spur) 530mm, Max Module (Rack Cutter) 25, Max Helix Angle 45o, HV350 Internal Attachment, JVE350 Single Point Internal Cutting Attachment, WEM Optical Protractor, 5000mm Table, Extended Table Support, Interlocking Guards, Maag WS3 Cutter Grinder, Change Gears, Tooling
- **Schiess RF 30/60 Gear Hobber**
Max Gear dia 6000mm, Max Helix Angle 45o, Max Face Width 2000mm, Max Table Load 100 Tonnes, Max Module 30, High Speed Hobbing Head, Change Gears, Tooling
- **David Brown Muir Vertical Gear Hobber**
Max Gear dia 140", Change Gears, Tooling
- **David Brown Muir Vertical Pinion Hobber**
Max Gear dia 24", Max Distance Between Faceplate & Tailstock 12'0", Change Gears, Tooling

VERTICAL AND HORIZONTAL BORERS

- **Frioriep Type 40.KZ Twin Column Vertical Boring/Turning Mill**
Table dia 6000mm, Max Turning dia 6900mm, Max depth Admitted to Tool Holder 2250mm, Max Table Load 40 Tonnes, Main Motor 82HP
- **Scharmann WF240 Horizontal Floor Borer (1973)**
X = 2945mm, Y = 3000mm, Spindle 150mm, Quill 240mm, Spindle Speeds (4 ranges) 3.5 - 654rpm, 2500mm x 2500mm x 70 Tonne Powered Rotary Table, Optical Alignment, 0.5 deg indexing, Tooling



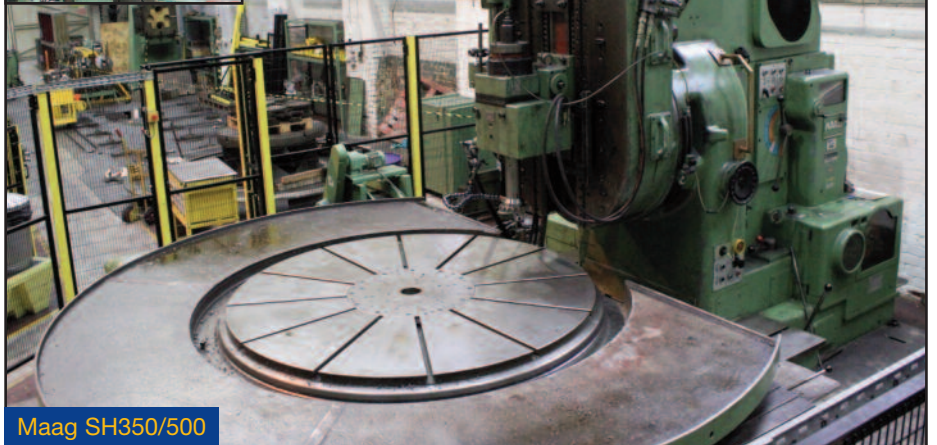
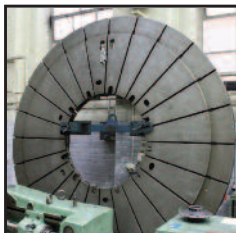
Maag HSS-460B



Maag WS3

GEAR SHAPER AND GRINDER

- **MAAG HSS-460B Gear Grinder (c1983)**
Max Root dia 4775mm/188", Max Pitch 25 Mod/1 DP, Max Stroke 1735mm/68", Max Table Load 60 Tonnes, Change Gears, Dust Extraction
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Maag SH350/500

PHASE 2 – ONGOING NEGOTIATED SALE



Schiess RF30/60

GEAR AND PINION HOBBER

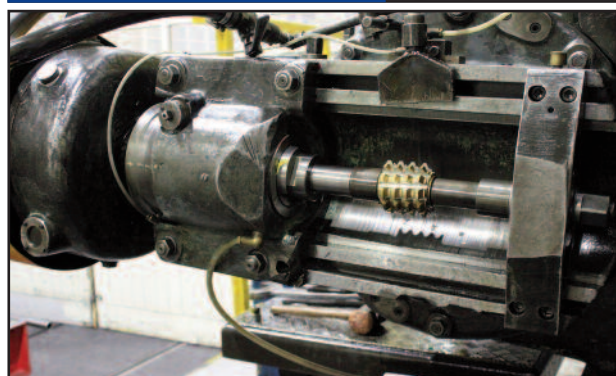
- **Schiess RF 30/60 Gear Hobber**
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- **David Brown Muir Vertical Gear Hobber**
Max Gear dia 140", Change Gears, Tooling
- **David Brown Muir Vertical Pinion Hobber**
Max Gear dia 24", Max Distance Between Faceplate & Tailstock 12'0", Change Gears, Tooling



David Brown 140"

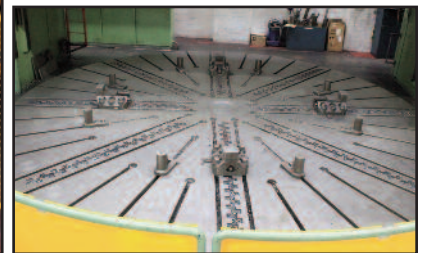


David Brown Muir Pinion Hobber





Froriep Type 40.KZ



VERTICAL/HORIZONTAL BORERS

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Table dia 6000mm, Max Turning dia 6900mm, Max depth Admitted to Tool Holder 2250mm, Max Table Load 40 Tonnes, Main Motor 82HP
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Scharmann WF240

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