

# DORRIES SDE 600 (VERTICAL BORER)

## FOR SALE



### TECHNICAL DETAILS:

### GENERAL DETAILS:

HOFMANN MACHINE NO.: ..... AUA2770  
MACHINE TYPE: ..... VERTICAL BORER  
MAKE: ..... DORRIES  
MODEL: ..... SDE 600  
YEAR: ..... 1978. CNC RETROFIT 1994  
COUNTRY OF ORIGIN: ..... GERMANY  
SERIAL NUMBER: ..... B186/50538  
TERMS OF PAYMENT: ..... CASH PRIOR TO DESPATCH  
PRICE: ..... POA - mail@hofmannengineering.com

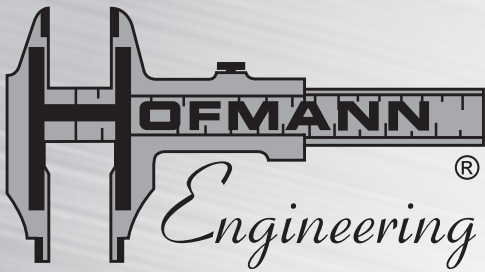
- CNC = Siemens 840C
- Table drive motor = Siemens 150 Hp, 500/2000 RPM, drives = Siemens 6RA7078 & 6RA7025
- Table positioning for drilling and tapping, with table brake.
- Table encoder = Heidenhain ROD 800 (36,000 pulse per rev).
- Planetary/hydraulic milling and drilling head, 22 kW,
- Chip conveyor
- I beam support spider on table (1,400 mm height), with jaws, to allow under job support to 10,800mm.
- Minimum turning OD = 1,720 mm (Column in)
- Maximum turning OD = 14,400 mm (Column out)
- Table diameter 6,300 mm
- Maximum height under tool = 5,080 mm
- Ram travel (X axis) 4,300 mm
- Ram stroke (Z axis) 2,500 mm
- Cross rail stroke = 3,300 mm
- 240 tonnes on table

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# UNION BFP 130/6 HORIZONTAL FLOOR BORER

**FOR SALE**



**GENERAL DETAILS:**

HOFMANN MACHINE NO.: ..... 770  
 MACHINE TYPE: ..... HORIZONTAL FLOOR BORER  
 MAKE: ..... UNION  
 MODEL: ..... BFP 130/6  
 YEAR: ..... 1980  
 COUNTRY OF ORIGIN: ..... GERMANY  
 SERIAL NUMBER: ..... 11408  
 TERMS OF PAYMENT: ..... CASH PRIOR TO DESPATCH  
 PRICE: ..... POA - mail@hofmannengineering.com

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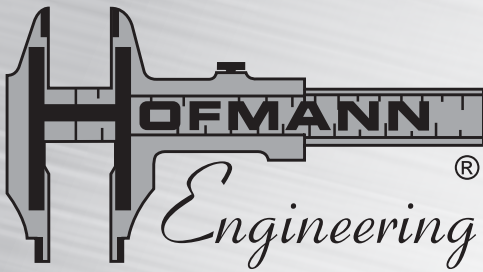


## TECHNICAL DETAILS:

SPINDLE DIAMETER .....130mm  
 SPINDLE POWER .....18.5kW  
 SPINDLE SPEED.....4.5 TO 900rpm  
 X-HORIZONTAL TRAVEL .....8,000mm  
 Y-VERTICAL TRAVEL.....2,000mm  
 Z TRAVEL ..... 380mm  
 DRILLING DEPTH .....1,380mm  
 DRILLING SPINDLE FEED .....900mm  
 SLIDE FEED ..... 320  
 FEED RATE ..... 5 - 2,000mm/min

TOOL HOLDER ..... SK50  
 TOTAL POWER REQUIREMENT .....40kW  
 TOTAL WEIGHT.....49.6t  
 TEMPERATURE RANGE..... 10 to 35°C  
 TYPE OF CURRENT/ FREQUENCY.....3-/50Hz  
 RATED VOLTAGE..... 420V  
 CONTROL VOLTAGE.....110/ 24V  
 AUXILIARY VOLTAGE ..... 24/20/6V  
 RATED CURRENT OF MACHINE ..... 73A  
 SUPPLY FUSES .....80A





# HOMMA VERTICAL BORER NC



## GENERAL DETAILS:

HOFMANN MACHINE NO.: ..... 709  
MACHINE TYPE: ..... VERTICAL BORER  
MAKE: ..... HOMMA  
MODEL: ..... NC  
YEAR: ..... 1981

## CAPACITY:

- x-axis: 2700, z-axis: 800
- Table diameter: 1600
- Table speed RPM: 230
- Maximum work piece diameter: 2200
- Maximum workpiece height: 1600
- Power max: 60 kW
- Max torque 38
- Max table load: 8000kg

## CONTROLLER:

- Fanuc system, 6T, Spindle 36 AMPS

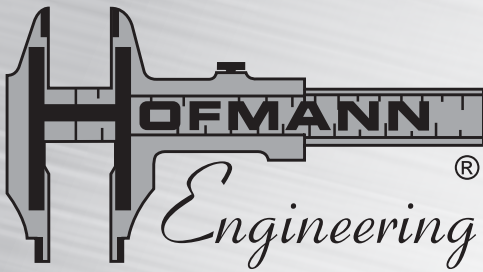


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# UNION RED HORIZONTAL BORER



## GENERAL DETAILS:

HOFMANN MACHINE NO.: .....272  
 MACHINE TYPE:..... HORIZONTAL BORER  
 MAKE:..... UNION RED  
 MODEL:..... NC 130  
 YEAR: .....1995 - RETRO FIT 2005  
 SERIAL NUMBER:.....12305

## CAPACITY:

- x-axis=2.8m, y-axis=2.56m, z-axis=2.25m, w-axis=0.96m
- Spindle: 57.4 KW

## CNC CONTROLLER:

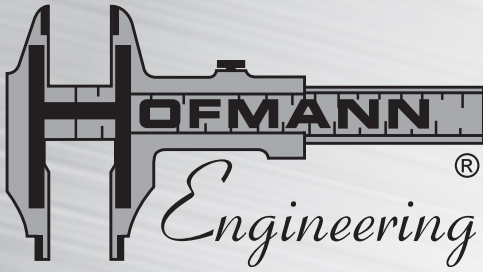
- Heidenhien 3 axis with Siemens drives

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# INNOCENTI FAF 147.5 (HORIZONTAL BORER)

## FOR SALE



### GENERAL DETAILS:

HOFMANN MACHINE NO.: ..... AUA2773  
MACHINE TYPE: ..... HORIZONTAL BORER  
MAKE: ..... INNOCENTI  
MODEL: ..... FAF 147.5  
YEAR: ..... 1968. CNC RETROFIT IN 2002  
COUNTRY OF ORIGIN: ..... ITALY  
SERIAL NUMBER: ..... 7090  
TERMS OF PAYMENT: ..... CASH PRIOR TO DESPATCH  
PRICE: ..... POA - mail@hofmannengineering.com

### TECHNICAL DETAILS:

CAPACITY:

- x = 8,382mm
- y = 3,505mm
- z = 2,286mm

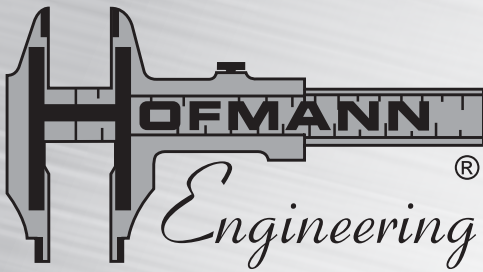
### NOTES:

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# DORRIES SCHARMANN ECO CUT



## GENERAL DETAILS:

MACHINE TYPE:..... HORIZONTAL MACHINING CENTRE  
MAKE:..... DORRIES SCHARMANN  
MODEL:..... ECO CUT

## CAPACITY:

- x-2000, y-12600, z-1100, w-600
- Tool and pallet changer
- Spindle 1.25 -46 KW.
- Machine as is.

## CNC CONTROLLER:

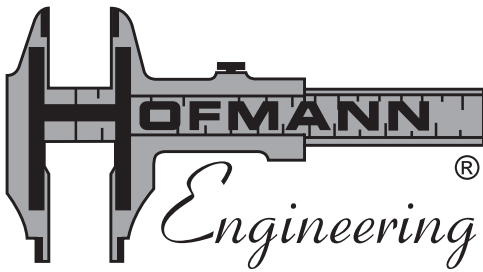
- Simens 850 (but needs repair)

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# MAAG SH 250/300 GEAR CUTTER

FULL SIEMENS 840D RETROFIT  
COMPLETED BY CNC DESIGN IN 2007



## FOR SALE

### GENERAL DETAILS:

**HOFMANN MACHINE NO.:** ..... AUA2771  
**MACHINE TYPE:**..... GEAR CUTTER (PLANNER)  
**MAKE:**..... MAAG  
**MODEL:**..... SH 250/300  
**YEAR:** .....1976  
**RETROFIT:**..... FULL SIEMENS 840D RETROFIT  
 ..... COMPLETED BY CNC DESIGN IN 2007.  
 ..... THIS INCLUDES FULL ON-BOARD GEAR INSPECTION  
**COUNTRY OF ORIGIN:**..... SWITZERLAND/GERMANY  
**SERIAL NUMBER:**..... 7555  
**TERMS OF PAYMENT:**..... CASH PRIOR TO DESPATCH  
**PRICE:**..... POA - mail@hofmannengineering.com

### FEATURES:

- Major mechanical, electrical and hydraulic retrofit, including full CNC capability, in 2007.
- Siemens 840D controller, Siemens 611D axis module drives.
- Cuts helical & spur gears & pinions.
- Z axis Ram motor - Siemens 81 kW (670 Nm), 3,100 / 4500 RPM.
- Y & C axis motors - Siemens 74 Nm. X axis motor - Siemens 48 Nm.
- Hard cut capabilities for induction hardened/ carburised gears/pinions.
- On board inspection.
- 12 operating modes: single tooth generating, rack generating, external plunge cutting.
- Quality AGMA 12.
- Chip conveyor 'May-Fran'.

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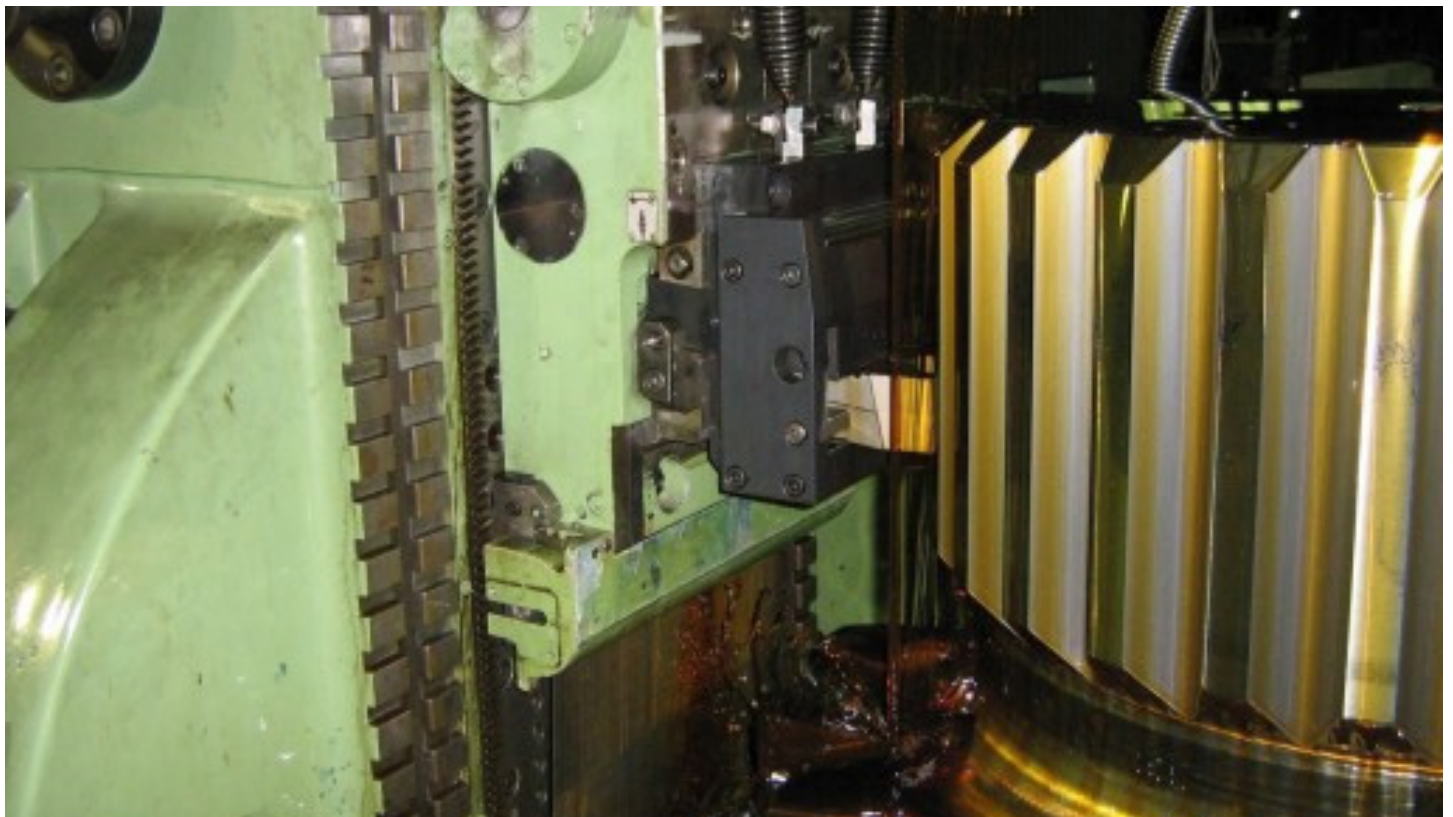
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## TECHNICAL DETAILS:

MAX. RAM STROKE.....	700mm
MIN. RAM STROKE .....	70mm
TOP AND BOTTOM OVERRUN OF CUTTER.....	20 to 35mm
RAM SPEED, CUTTING AND RETURN (INFINITELY VARIABLE).....	3.2 to 40m/min
MAX. GENERATING PATH OF WORK TABLE.....	1100mm
DIAMETER OF INDEXING WORM GEAR.....	1116mm
DIAMETER OF WORK TABLE BORE.....	420mm
MAX. WORK TABLE BORE SHAFT LENGTH .....	1200mm
MAX. TOTAL WEIGHT OF WORK AND FIXTURE.....	15000kg
TOP FACE OF WORK TABLE ABOVE MACHINE BASE .....	1250mm
X-AXIS TRAVERSE SPEED.....	0 to 2m/min
X-AXIS TRAVEL DISTANCE.....	1250mm
GENERATING FEED (NO. OF RAM STROKES PER PITCH).....	8 to 150mm
CARRIAGE INFEEED PER STROKE FOR PLUNGE CUTTING .....	0.05 to 0.5mm
CUTTER HOLDER SLOT (LXWXD) .....	286x50x67mm
MAX. CUTTER LENGTH .....	312mm
MAX. MODULE WITH RACK TYPE CUTTER .....	30
MIN. MODULE WITH RACK TYPE CUTTER.....	2
MODULE WITH SINGLE TOOTH CUTTER.....	50
MAX. NUMBER OF TEETH.....	1000
MIN. NUMBER OF TEETH.....	12
MAX. HELIX ANGLE .....	UNLIMITED
MAX. TIP CIRCLE DIAMETER (SPUR GEARS) .....	3080mm
MIN. TIP CIRCLE DIAMETER (SPUR GEARS).....	200mm
MAX. FACEWIDTH .....	660mm



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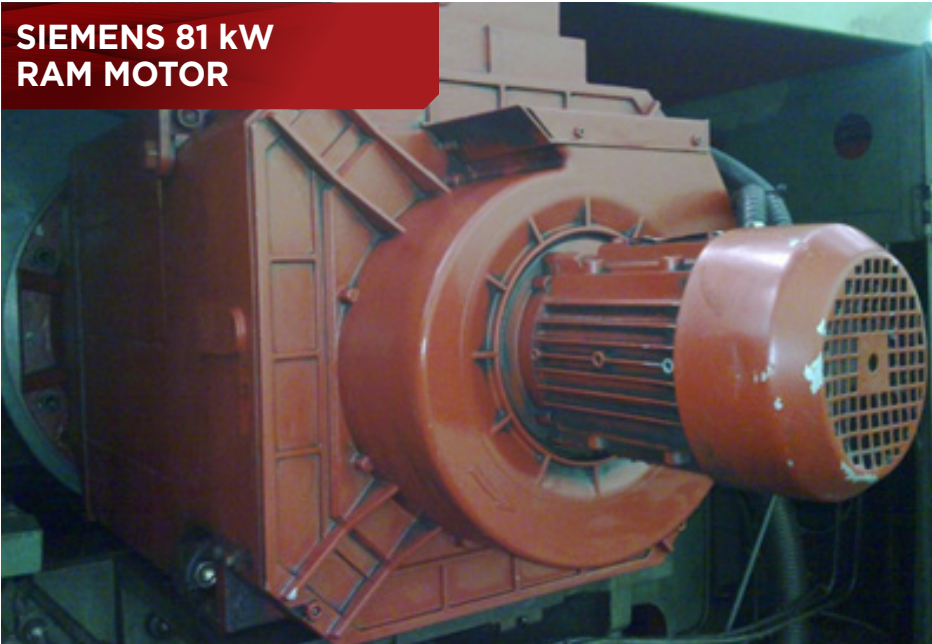
**SIEMENS 611D DRIVES**



**SIEMENS 48Nm X-AXIS  
SERVO MOTOR**



**SIEMENS 81 kW  
RAM MOTOR**



**SIEMENS SINUMERIK 840D**



**HEIDENHAIN LC182  
LINEAR SCALE (X-AXIS)**



**SIEMENS S7-300 PLC & POWER SUPPLY**

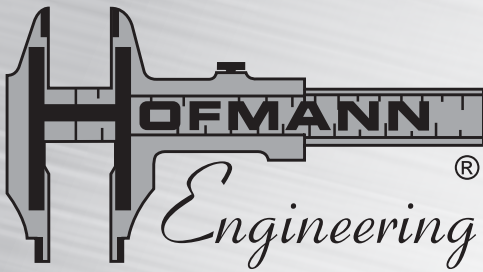


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# MAAG SH450 SE GEAR PLANER



## GENERAL DETAILS:

HOFMANN MACHINE NO.: .....371  
MACHINE TYPE:.....GEAR PLANER  
MAKE:.....MAAG  
MODEL:.....SH450 SE  
YEAR: .....1976  
COUNTRY OF ORIGIN:.....ZURICH

## CAPACITY:

MACHINE AXIS: C Y A X Z  
• Travel paths: 360 360 Unlimited 2530 860  
Helix  
• Table dimensions: 1750mm  
• Table hole diameter: 600mm x depth 1300mm  
• Maximum workpiece diameter: 5062mm  
• Maximum workpiece height: 1687mm  
• Power max.: 71kW

## CONTROLLER:

• Siemens Simatic

## FEATURES:

### ALL SLIDES SCRAPED

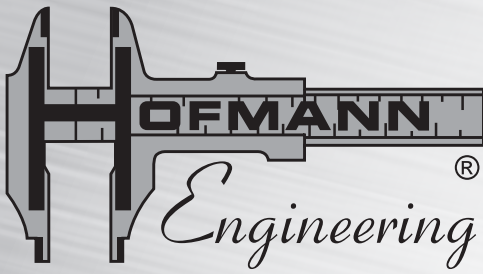
Full CNC control (2 Axis) and programming with simple tooling, highly accurate spur, helical, double helical gears, spline shafts and coupling done by generation. Tip and root relief possible. Crowning done with longitudinal correction device. Internal gears and spline done with JVE attachment.

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# FELLOWS GEAR SHAPER



## GENERAL DETAILS:

HOFMANN MACHINE NO.: ..... 315  
MACHINE TYPE: ..... GEAR SHAPER  
MAKE: ..... FELLOWS  
YEAR: ..... 1960

## CAPACITY:

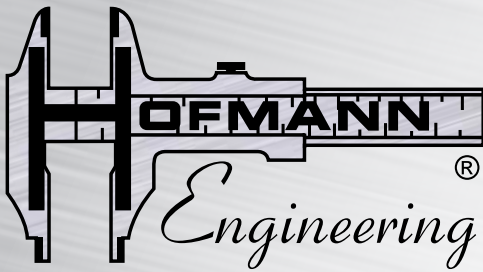
- Max internal dia = 500mm
- Max external dia = 500mm

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# FOR SALE

## FROMAG KEY SEATER



### GENERAL DETAILS:

HOFMANN MACHINE NO ..... 306  
MACHINE TYPE.....KEY SEATER  
MAKE..... FROMAG  
MODEL..... COMBI RAPIDA D 100/1000  
YEAR.....1980  
LOCATION..... PERTH

### CAPACITY:

STROKE LENGTH .....UPTO 650MM  
DEPTH OF CUT .....UPTO 30MM  
MIN/MAX BORE...DIA 20MM - 600MM  
KEYWAY SIZE .....UPTO 90MM WIDTH

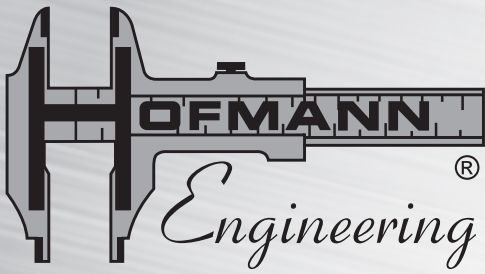


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# GLEASON BEVEL GEAR CUTTER

**FOR SALE**



## GENERAL DETAILS:

HOFMANN MACHINE NO.:..... 318  
MACHINE TYPE:..... GEAR CUTTER  
MAKE:..... GLEASON  
YEAR:..... 1926  
SERIAL NUMBER:.....19220  
TERMS OF PAYMENT:.....CASH PRIOR TO DESPATCH  
PRICE:..... POA - mail@hofmannengineering.com

## TECHNICAL DETAILS:

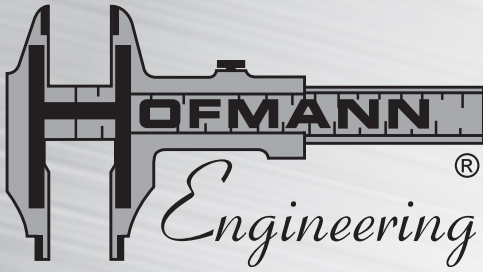
MAXIMUM JOB DIAMETER .....300mm  
MAXIMUM LENGTH OF PITCH CONE .....100mm

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# HOFLER EMZ 2600

(GEAR INSPECTOR)



## GENERAL DETAILS:

HOFMANN MACHINE NO.: ..... AUA2777  
MACHINE TYPE: ..... GEAR INSPECTION  
MAKE: ..... HOFLER  
MODEL: ..... EMZ 2600  
YEAR: ..... 1990  
COUNTRY OF ORIGIN: ..... GERMANY  
SERIAL NUMBER: ..... 076105-M362  
TERMS OF PAYMENT: ..... CASH PRIOR TO DESPATCH  
PRICE: ..... POA - mail@hofmannengineering.com

## TECHNICAL DETAILS:

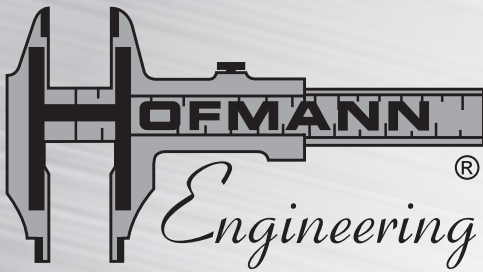
- CAPACITY:**
- 1000mm workpiece face width
  - 2,600mm max. workpiece diameter
  - 10,000 lbs on table

## NOTES:

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# KLINGENBERG PFSU 2500

## FOR SALE



### GENERAL DETAILS:

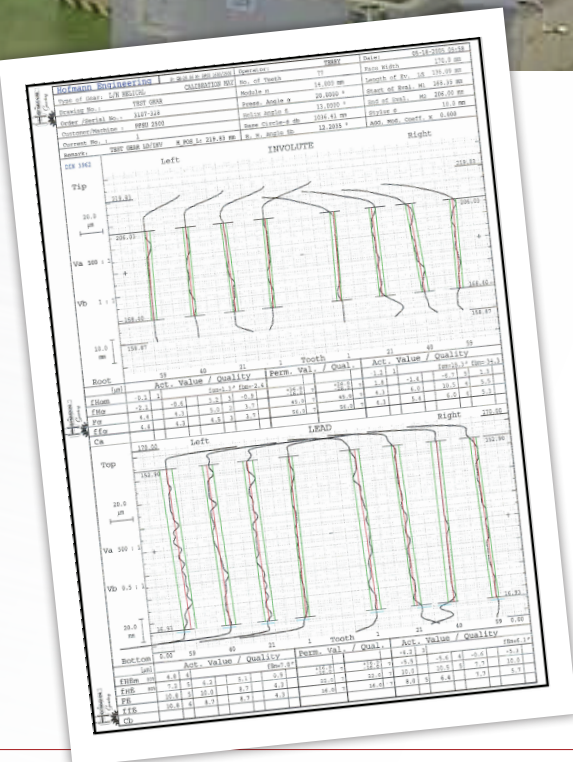
**HOFMANN MACHINE NO.:** ..... 328  
**MACHINE TYPE:** ..... GEAR INSPECTION  
**MAKE:** ..... KLINGENBERG  
**MODEL:** ..... PFSU 2500  
**YEAR:** ..... 1981  
**COUNTRY OF ORIGIN:** ..... GERMANY  
**SERIAL NUMBER:** .....  
**TERMS OF PAYMENT:** ..... CASH PRIOR TO DESPATCH  
**PRICE:** ..... POA - mail@hofmannengineering.com

### TECHNICAL DETAILS:

**MAXIMUM WORKPIECE DIAMETER:** ..... 2400mm  
**Maximum base circle diameter:** ..... 2400mm  
**Maximum module:** ..... 25.4  
**Maximum helix angle:** ..... 45°  
**Measurable tooth length:** ..... 250mm  
**Axially parallel measuring range:** ..... 1400mm  
**Distance between centres:** ..... 430-2250mm  
**Maximum gear test diameter between centres:** ..... 1340mm  
**Recording magnification ratios:** ..... 50-100-200-500-1000-2000:1  
**Longitudinal chart recording magnification ratios:** ..... 0.5-1-2-5-10-20:1  
**Permissible gear test weight:** ..... 10000 daN

### NOTES:

- Machine was totally computerised by Weko Industries of Germany in 1999.
- It has complete automatic printout of lead, involute and pitch as per the diagram on the left.
- With extension arm, machine can inspect double the length without removing the job.

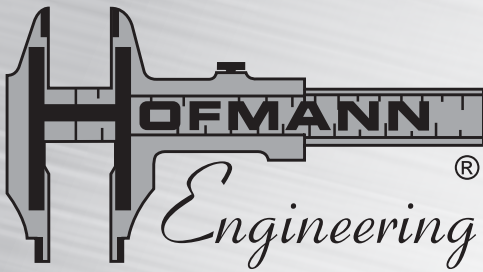


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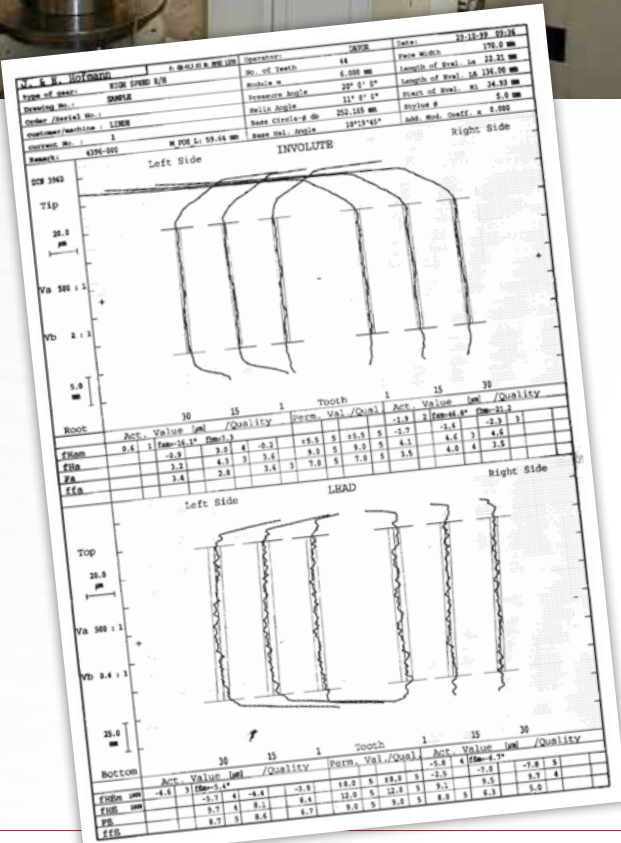
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# KLINGENBERG PFSU 1200 GEAR TESTER

**FOR SALE**



**GENERAL DETAILS:**

HOFMANN MACHINE NO.: .....

MACHINE TYPE: .....GEAR TESTER

MAKE: .....KLINGENBERG PFSU 1200

MODEL: ..... 500-2073

YEAR: .....

COUNTRY OF ORIGIN: .....

SERIAL NUMBER: .....

TERMS OF PAYMENT: .....CASH PRIOR TO DESPATCH

PRICE: ..... POA - mail@hofmannengineering.com

**TECHNICAL DETAILS:**

Machine comes complete with back steady and stand for placing the Hofler EBTM pitch tester.

**NOTE: Pitch tester does not come with the machine**

**NOTES:**

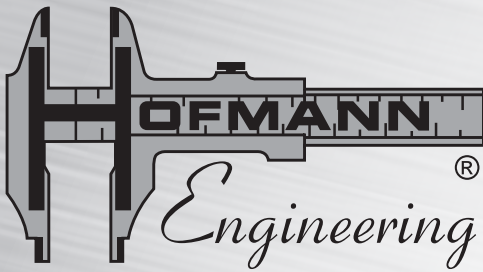
- Machine has been totally overhauled and has complete computer controls for the evaluation of lead and involute.
- The computerisation was done by Weko Industries of Germany in 1999.
- Unit is equipped with brand new Reinschaw scale and digital readout in Rb unit.

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# MAZAK M5 LATHE

## FOR SALE



### GENERAL DETAILS:

HOFMANN MACHINE NO.:..... 133  
MACHINE TYPE:..... LATHE  
MAKE:..... MAZAK  
MODEL:..... M5  
YEAR:..... 1980's  
SERIAL NUMBER:..... 12738  
LOCATION:..... PERTH  
TERMS OF PAYMENT:..... CASH PRIOR TO DESPATCH  
PRICE:..... POA - mail@hofmannengineering.com

### CAPACITY:

SWING OVER BED ..... 610mm  
SWING OVER CROSS SLIDE ..... 330  
DISTANCE BETWEEN CENTERS ..... 2590  
X AXIS ..... 575  
Z AXIS ..... 2600  
WORK SUPPORT CENTER ..... 2000  
WORK SUPPORT CHUCK ..... 400  
HOLE THROUGH SPINDLE ..... 104  
SPINDLE SPEED & RANGE ..... 20 - 2200  
STROKE OF TAILSTOCK SPINDLE ..... 130  
MAX THRUST FORCE ..... 600  
MAIN DRIVE MOTOR ..... 22kW

### CONTROLLER:

- System 5T



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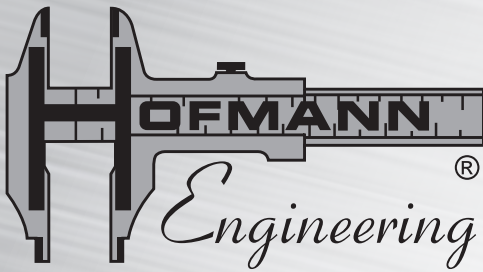
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# TAACHI MODEL HD/3 525x4.000 SERIES 90H CNC FANUC OTC



## TECHNICAL DETAILS:

Center height..... 525mm  
 Swing over bed..... 1,020mm  
 Swing over saddle ..... 700mm  
 Centre distance ..... 4,000mm  
 Driving power of main motor ..... 64Kw  
 Main electrical input ..... 3Ph 460 Vac 60Hz 110KVA  
 Control voltage..... 24Vdc, 110Vac  
 Maximum weight of component between centers,  
 without steady rests..... 12,000kg  
 Maximum weight of component on chuck, off center  
 300mm ..... 2,900kg

### HEADSTOCK

Sleeplessly variable speed ..... 2-720RPM  
 Constant power range ..... 26-720RPM  
 Number of speed range..... #3  
 Driving power of main motor in DC..... 64Kw  
 Maximum torque..... 13,000NM  
 Spindle nose ..... DIN 55021 GR.15  
 Spindle bore..... 120mm  
 4jaws independent chuck diameter..... 1,020mm

### BED

Width of bed ..... 900mm

### WORKING FEEDS

Variable longitudinal feeds ..... 0-6,000mm/min  
 Variable cross feeds..... 0-6,000mm/min

### RAPID TRAVERSE

Longitudinal rapid traverse..... 6,000mm/min  
 Cross rapid traverse..... 6,000mm/min

### TAILSTOCK

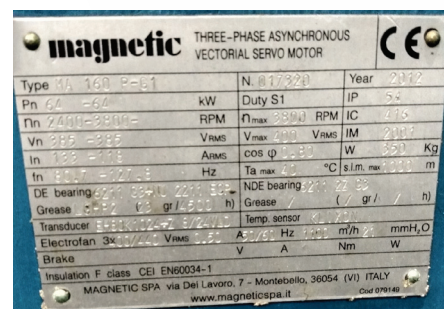
Quill diameter..... 175mm  
 Quill stroke ..... 300mm

### STROKES

X axis stroke ..... 600mm  
 Z axis stroke..... 3,885/4,000mm

## UPGRADE:

The Siemens 55kw DC spindle motor and drive replaced with brand new 65Kw AC servo motor and Parker drive.

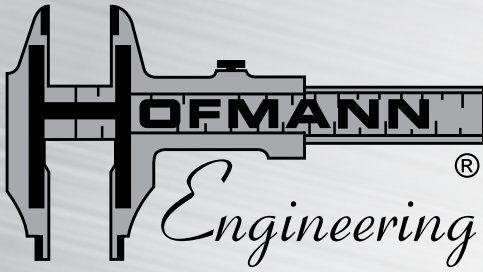


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# HUGH SMITH 1200T ROLLS



## GENERAL DETAILS:

MACHINE TYPE:.....VERTICAL ROLLS  
MAKE:.....Hugh Smith  
YEAR: .....1961  
COUNTRY OF ORIGIN:.....UK  
LOCATION:.....BENDIGO

## CAPACITY:

**Machine Maximum Power:** 1200T  
**Maximum Plate Width:** 3050mm  
**Standard Roller Diameter:** 580mm  
**Small Roller Diameter:** 410mm  
**Minimum Full Circle Diameter:** 1118mm  
**Full Width Maximum Plate Thickness:** 135mm  
**Maximum Plate Thickness:** 90mm  
**Maximum Bending Centres:** 700mm  
**Minimum Rolling Diameter:** 1.5 x Roll Diameter



Digital Readout: Sony

Maintenance and operating manuals included  
Specifications are subject to buyers verification

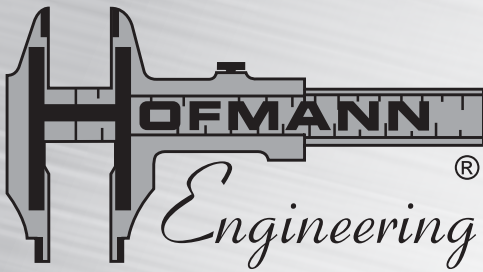


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# DECKEL FP4A UNIVERSAL MILLING & BORING MACHINE

**FOR SALE**



## GENERAL DETAILS:

HOFMANN MACHINE NO.:..... 135  
 MACHINE TYPE:..UNIVERSAL MILLING & BORING MACHINE  
 MAKE:..... DECKEL  
 MODEL:..... FP4A  
 YEAR:..... 1985  
 COUNTRY OF ORIGIN:.....GERMANY  
 SERIAL NUMBER:.....2204-0515  
 TERMS OF PAYMENT:.....CASH PRIOR TO DESPATCH  
 PRICE:..... POA - mail@hofmannengineering.com

## TECHNICAL DETAILS:

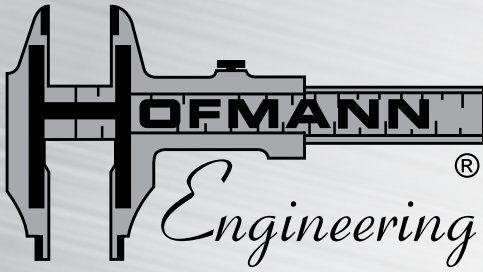
N.C. CONTROL.....  
 WORKING RANGE.....  
 X AXIS..... 500mm  
 Y AXIS..... 400mm  
 Z AXIS..... 400mm  
 QUILL..... 90mm  
 18 SPINDLE SPEEDS..... 50-2500rpm  
 18 FEED RATES..... 8-630mm/min  
 SPINDLE TAPER..... ST 40 - m16

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# WMW ROLL GRINDER



## GENERAL DETAILS:

MACHINE TYPE:..... ROLL GRINDER

MANUFACTURER:..... WMW

MODEL:..... SHW 1000 x 8000

YEAR: .....1965

LOCATION:..... Bassendean

## CAPACITY:

**Power:** 55kW

**x:** 8000

**y:** 500

**Position Tolerance:** 0.005

**Max Dia Job:** 1000

**Min Dia Job:** 50

**Max Workpiece Length Between Centers:** 8000

**Max Workpeice Weight (Centers):** 10000

**Max Workpeice Weight (Steadys):** 22000

**Grinding Wheel Max Dimensions:**

710x63x305mm

**Grinding Wheel Min Dimensions:**

400x63x305

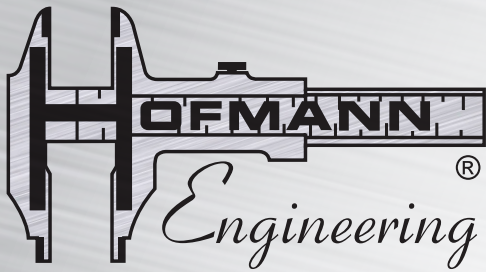


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# FOR SALE

## INGERSOL A1250

### GRINDER TOOL



#### GENERAL DETAILS:

YEAR: .....1980  
WEIGHT: ..... 6T  
MACHINE BASE: ..... 2000 X 1000MM  
MAX HEIGHT: ..... 2775MM  
GRINDING RANGE: 100 - 1250MM DIA  
GRINDING STROKE: ..... 250MM

- 800 SWING FORM CUTTERS TO TEMPLATE
- GRINDING WHEELS:  
FLAT WHEELS, CUP WHEELS
- GRINDING MOVEMENT:  
PROFILE GRINDS, FLAT GRINDS
- SPECIFICATIONS ARE SUBJECT TO BUYERS VERIFICATION

LOCATION:.....NEWCASTLE

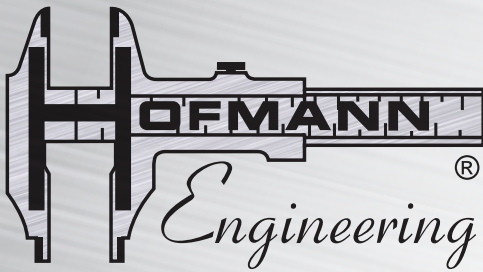


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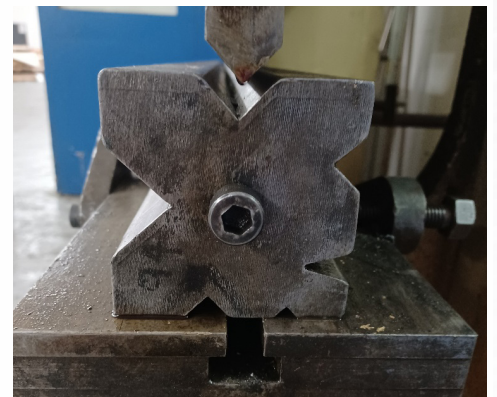
# FOR SALE

## HERLESS BREAK PRESS XP831



### GENERAL DETAILS:

SN: ..... P14683  
 CAPACITY:..... 785KN  
 SIZE APPROX: .....3100 X 1000  
 ..... (PLUS RESTS) X 2200 MM (H).  
 3 PHASE  
 FITTED WITH VICKERS HYDRAULICS  
 415 VOLT PLUG-IN.  
 SPECIFICATIONS ARE SUBJECT TO  
 BUYERS VERIFICATION

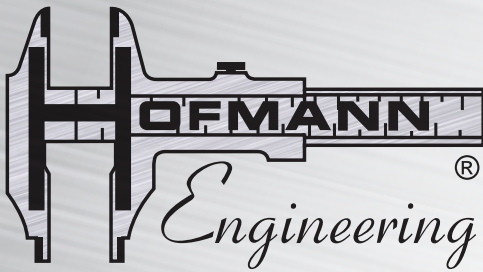


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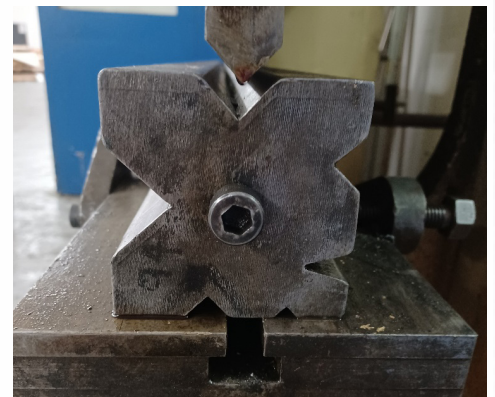
# FOR SALE

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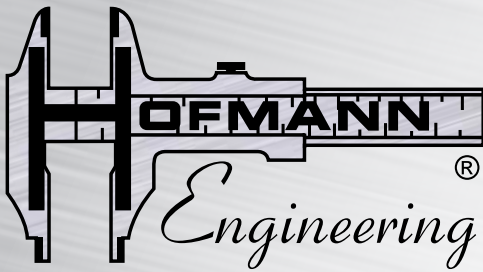


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# FOR SALE

## FRORIEP MANUAL VERTICAL BORER



### GENERAL DETAILS:

**HOFMANN MACHINE NO** ..... 708  
**MACHINE TYPE**..... MANUAL VERTICAL BORER  
**MAKE**..... FROREIP  
**MODEL**..... VB  
**YEAR**.....1955  
**YEAR RETROFIT**.....2000  
**SERIAL NUMBER**.....  
**LOCATION**.....PERTH

### CAPACITY:

**Table Diameter**..... 4000  
**Max Turning Diameter** .....4900  
**Max Turning Height**.....3000  
**Rail Head Horizontal Traverse**..... 4000  
**2 x Rail Head Vertical Traverse**..... 950  
**Motor For Table Drive**..... A.C VARIABLE SPEED 80KW  
**Controller** ..... MANUAL WITH DIGITAL READOUT



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