



Area under roof: 18000 sqm

ENGINES, GEARBOXES, PROPELLERS, AUTOMATICS

Components and units for large twostrokes

Contract work

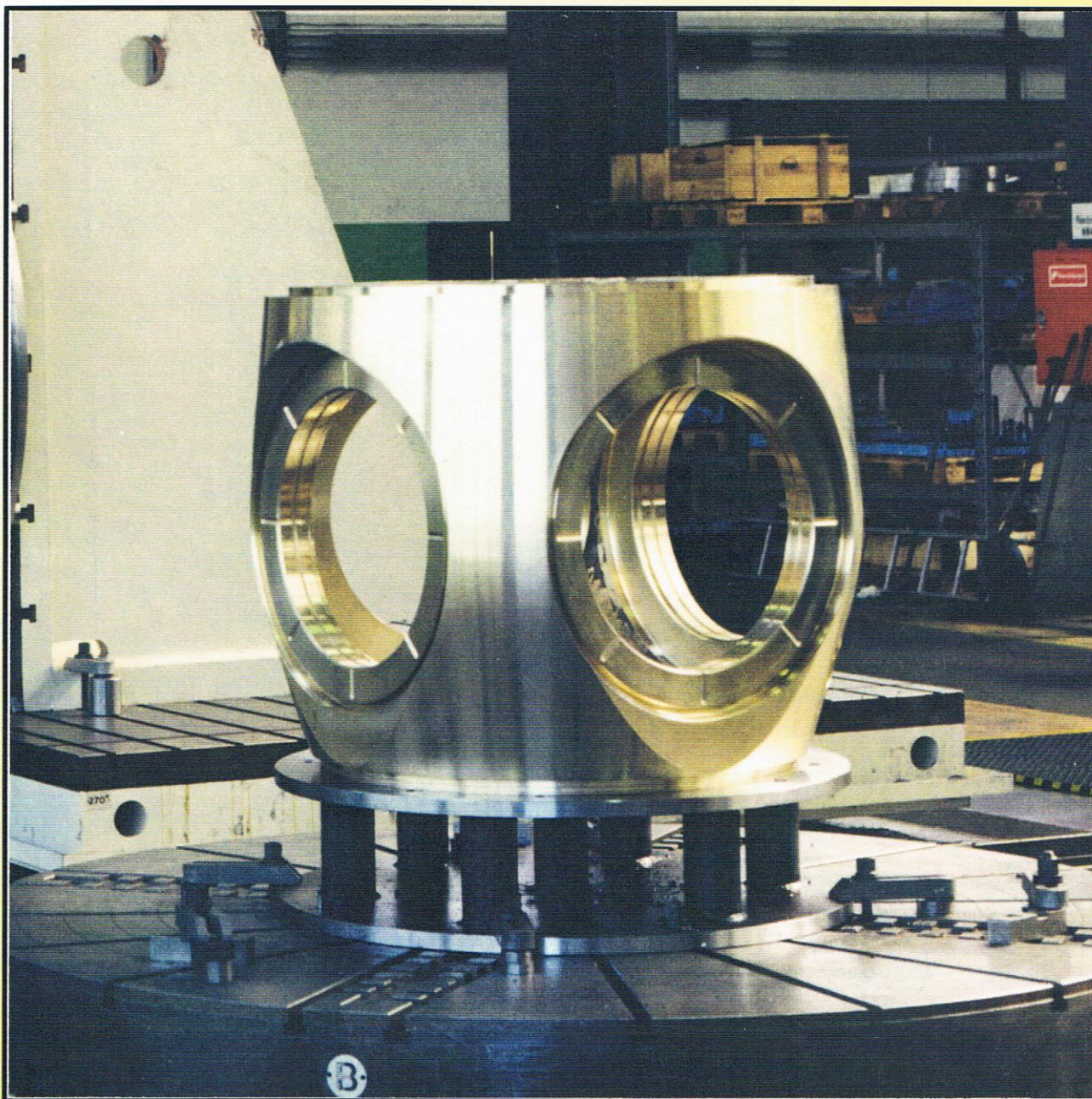
MBD-F ENGINE WORKS



MILLING Planomiller

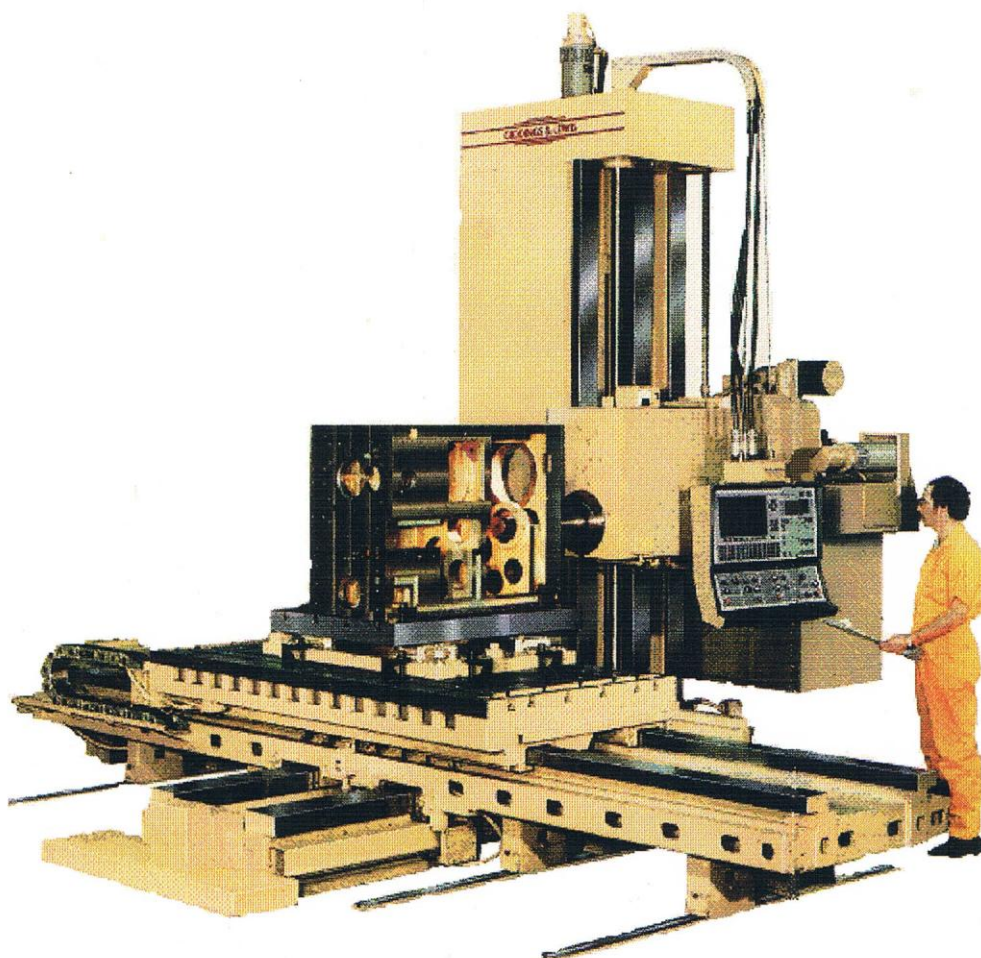
Length 11000 mm, Width 2400 mm, Height 3000 mm

MBD-F ENGINE WORKS



Propeller Hub

MBD-F ENGINE WORKS

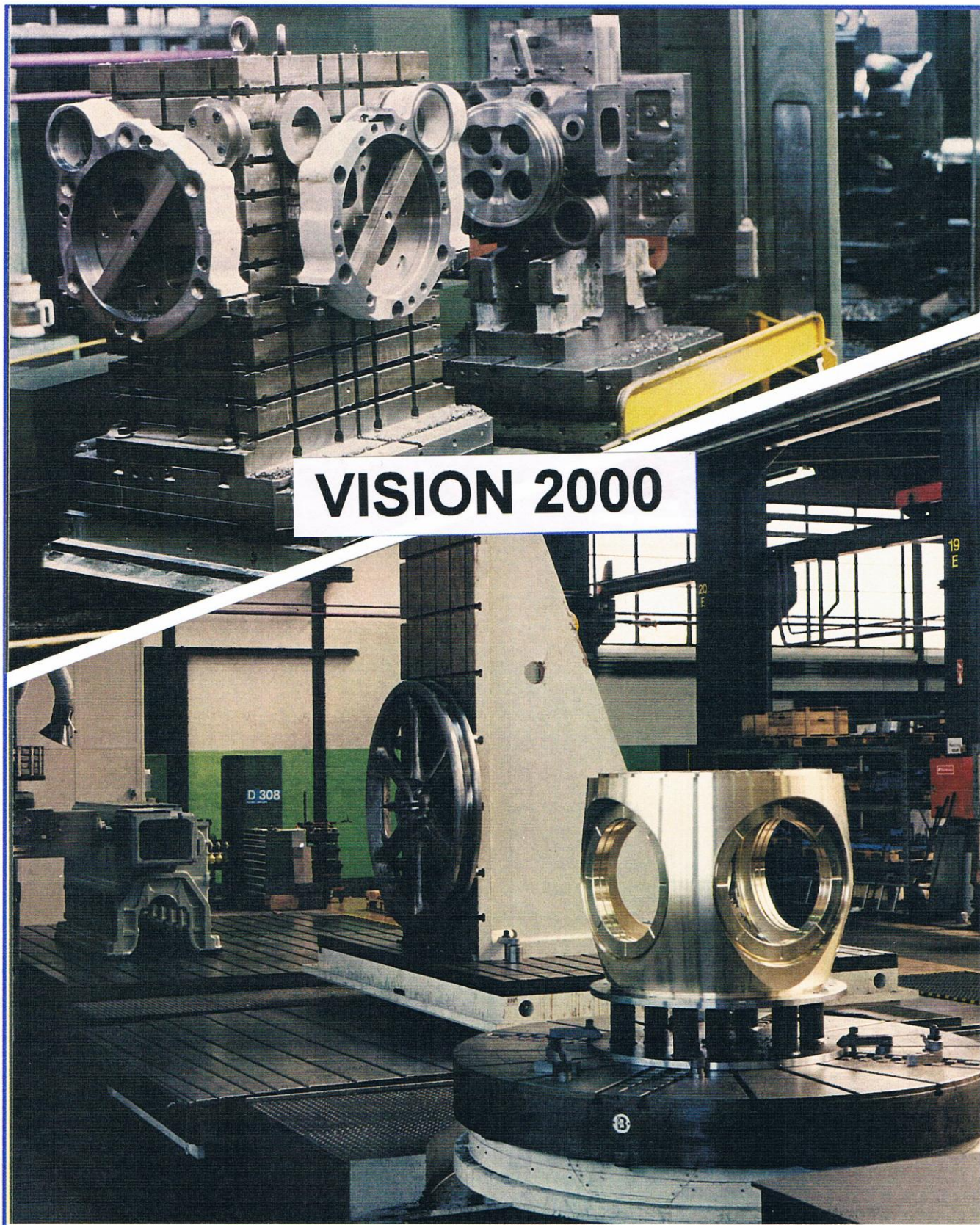


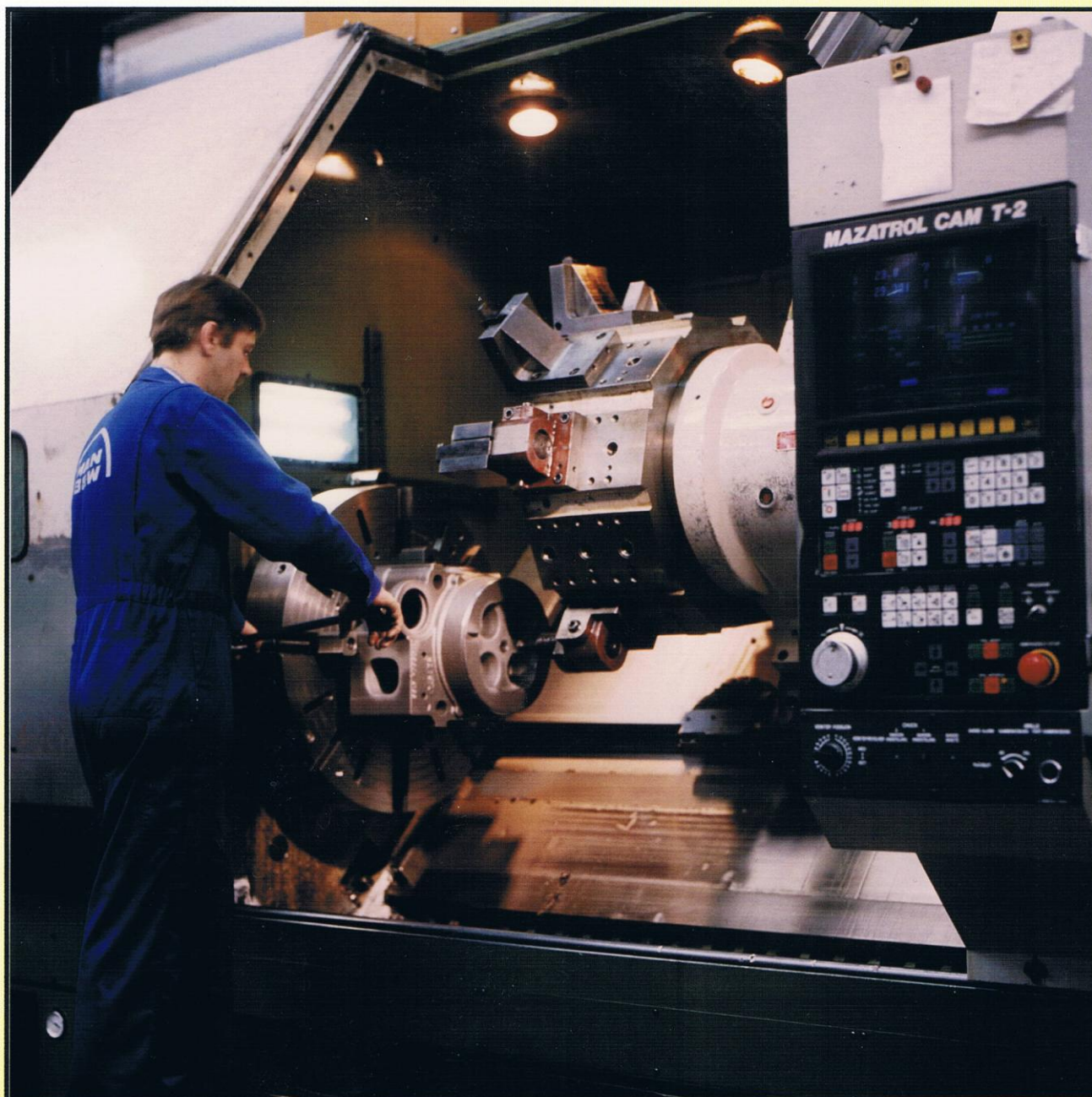
HORIZONTAL MACHINING CENTER
X/Y/Z/W AXIS TRAVEL 1830/1270/915/1270 MM
TOTAL INVESTMENT AMOUNT TDDK 6700

MBD-F



ENGINE PRODUCTION

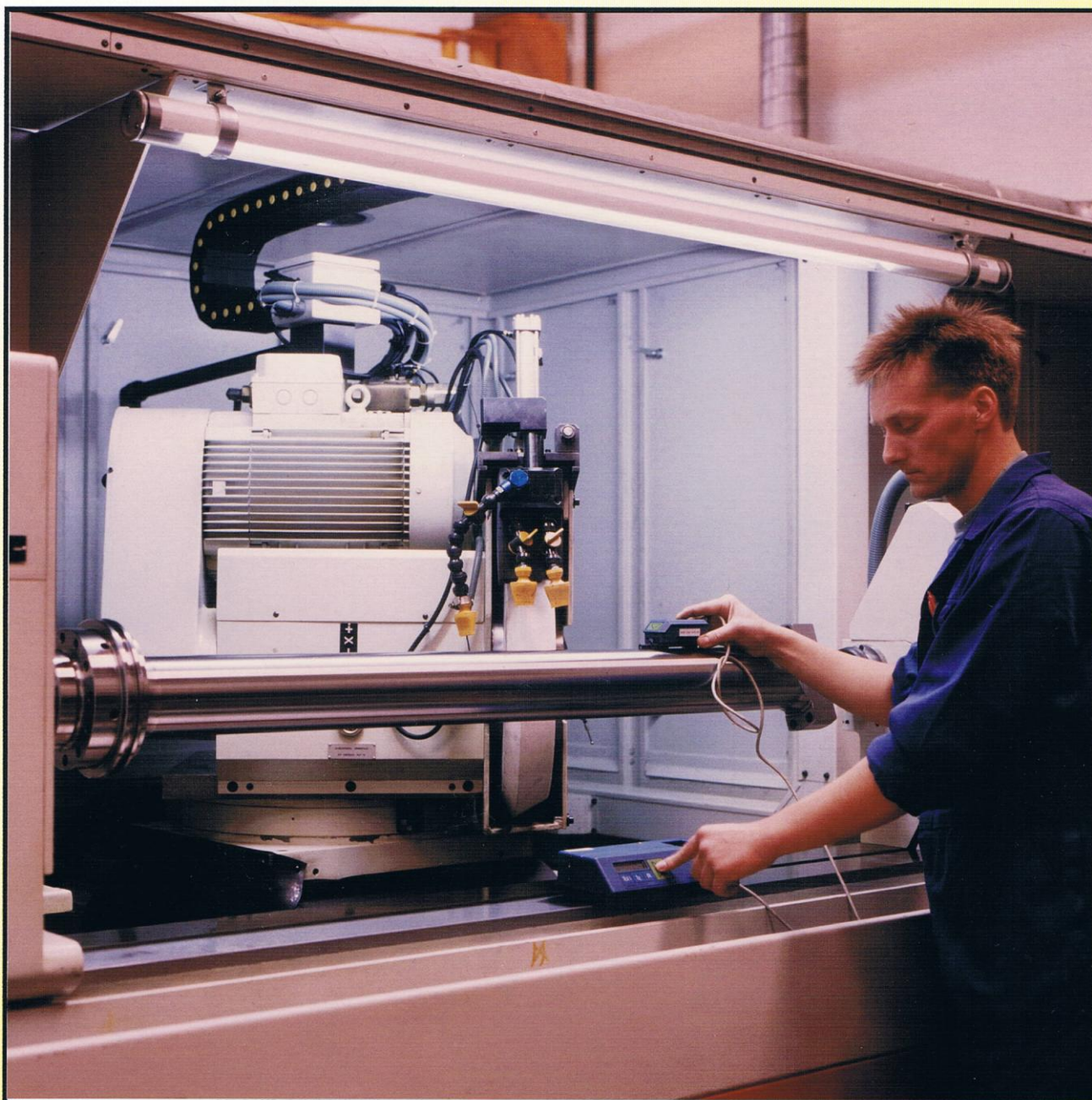




Turning

CNC Lathe

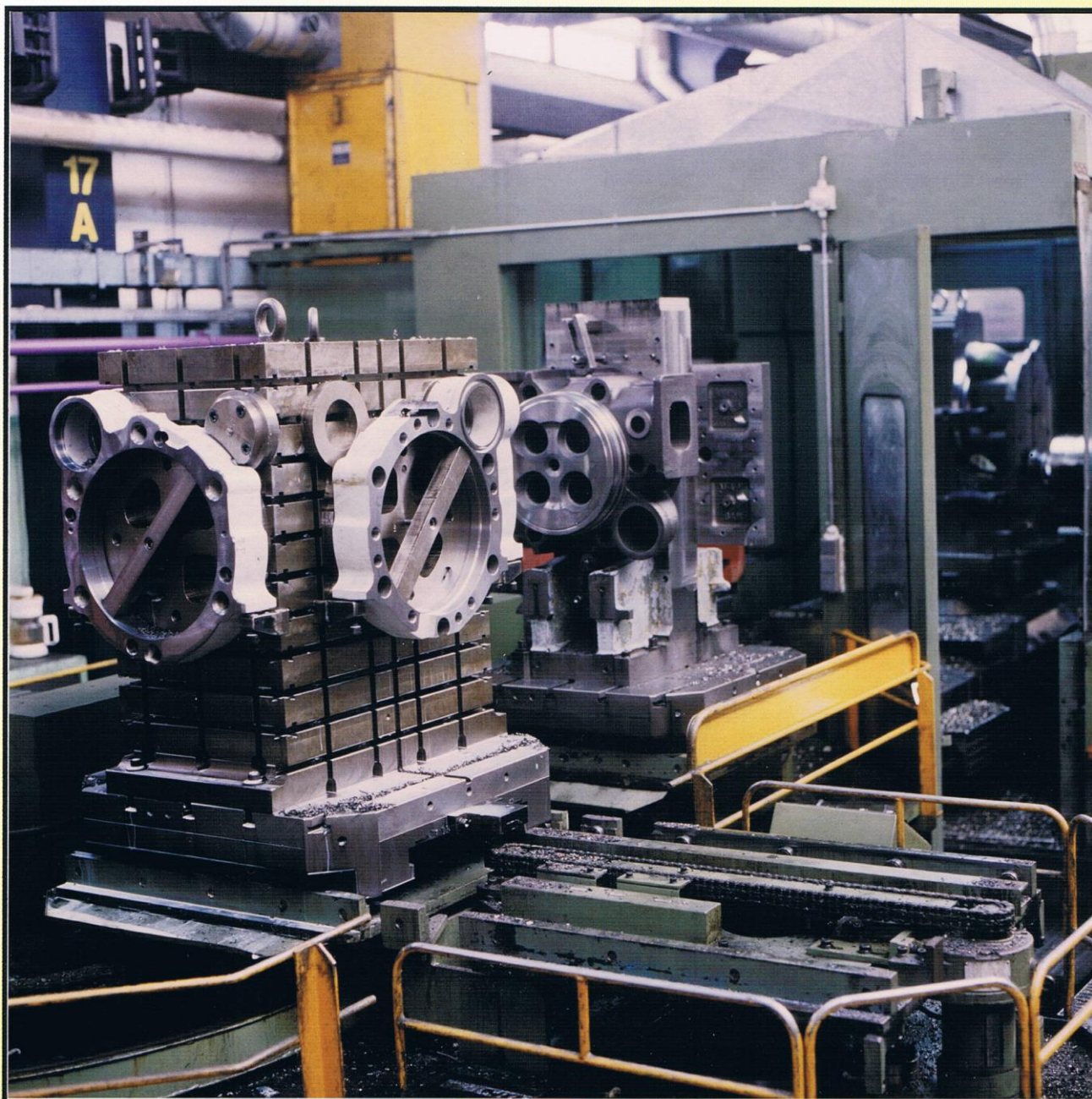
Turning length 3085 mm, Diameter 810/1070 mm



GRINDING

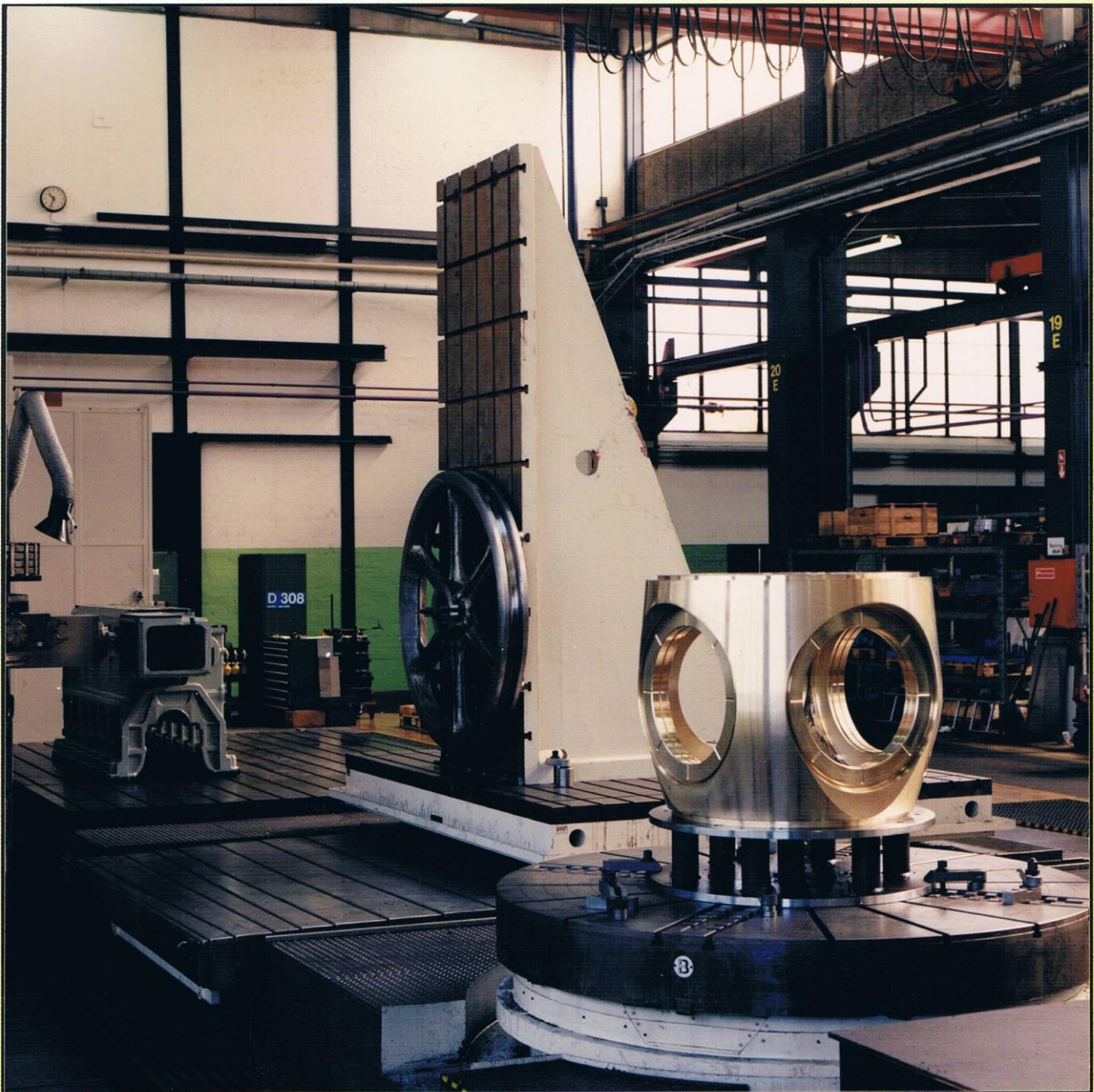
CNC Grinding Machine

Grinding length 2665 mm, Diameter 500 mm



**Milling, drilling and boring
Machining Centre**

X-axis 1100 mm, Y-axis 1070 mm, 6 pallets



Milling, drilling and boring

Horizontal Boring Machine

X-axis 18000 mm, Y-axis 4000 mm, 3 machining stations



Turning of Propellershafts

CNC Lathe

Turning length 12000 mm, Diameter 700/1000 mm



Area under roof: 5600 sqm

**GREY CAST IRON, NODULAR CAST IRON
SPECIAL ALLOYS**

SIZES FROM 15 to 5000 KG.



PATTERN SHOP



MOULDING

Mould and cores for 4-stroke cylindercover



MOULDING

Assembling of mould



FETTLING SHOP

Cleaning of casting



INSPECTION

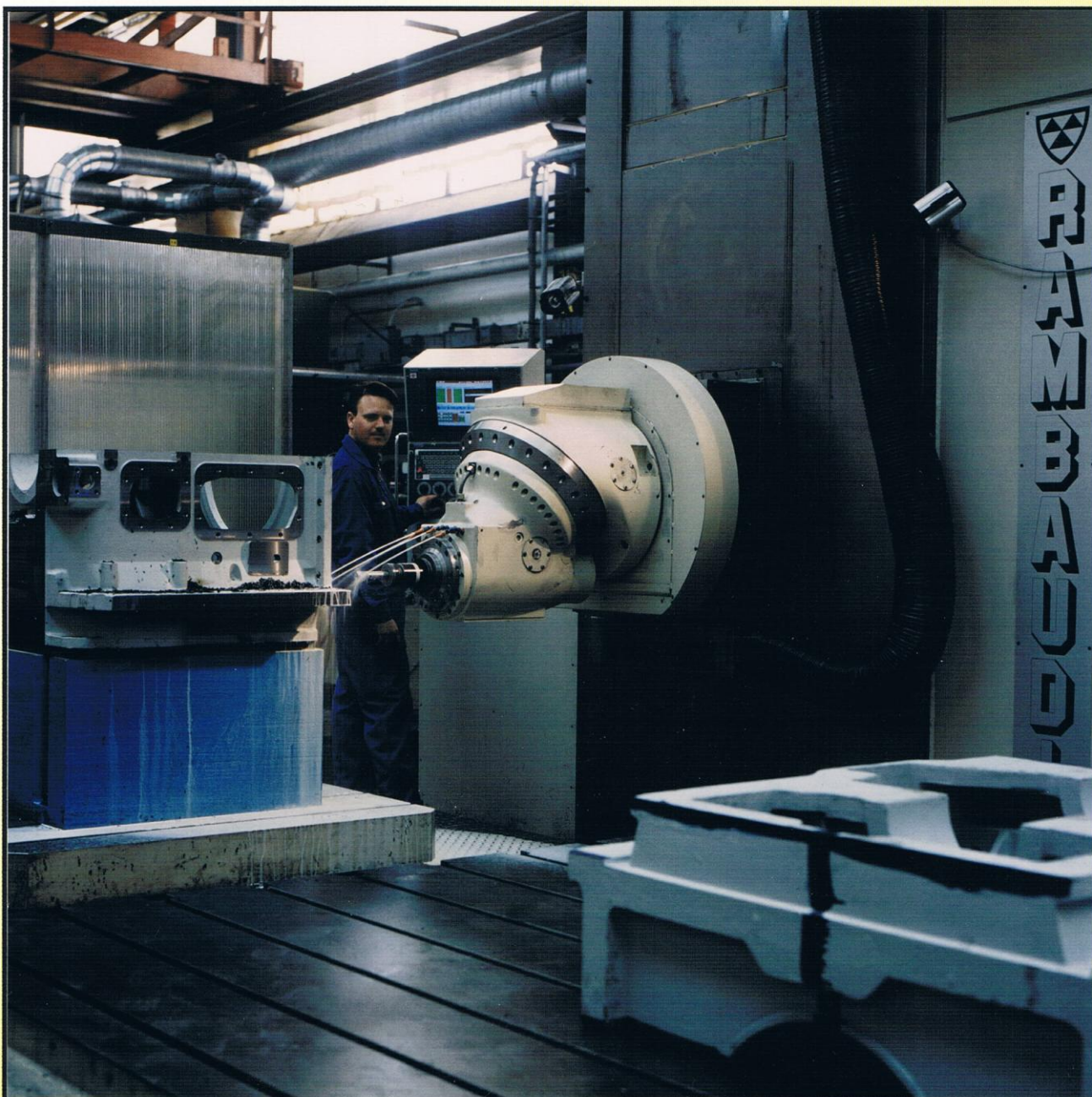
Ultrasonic testing



Turning propellerparts
CNC Vertical turning machine

Diameter 1600 mm, Height 1440 mm, 2 pallets

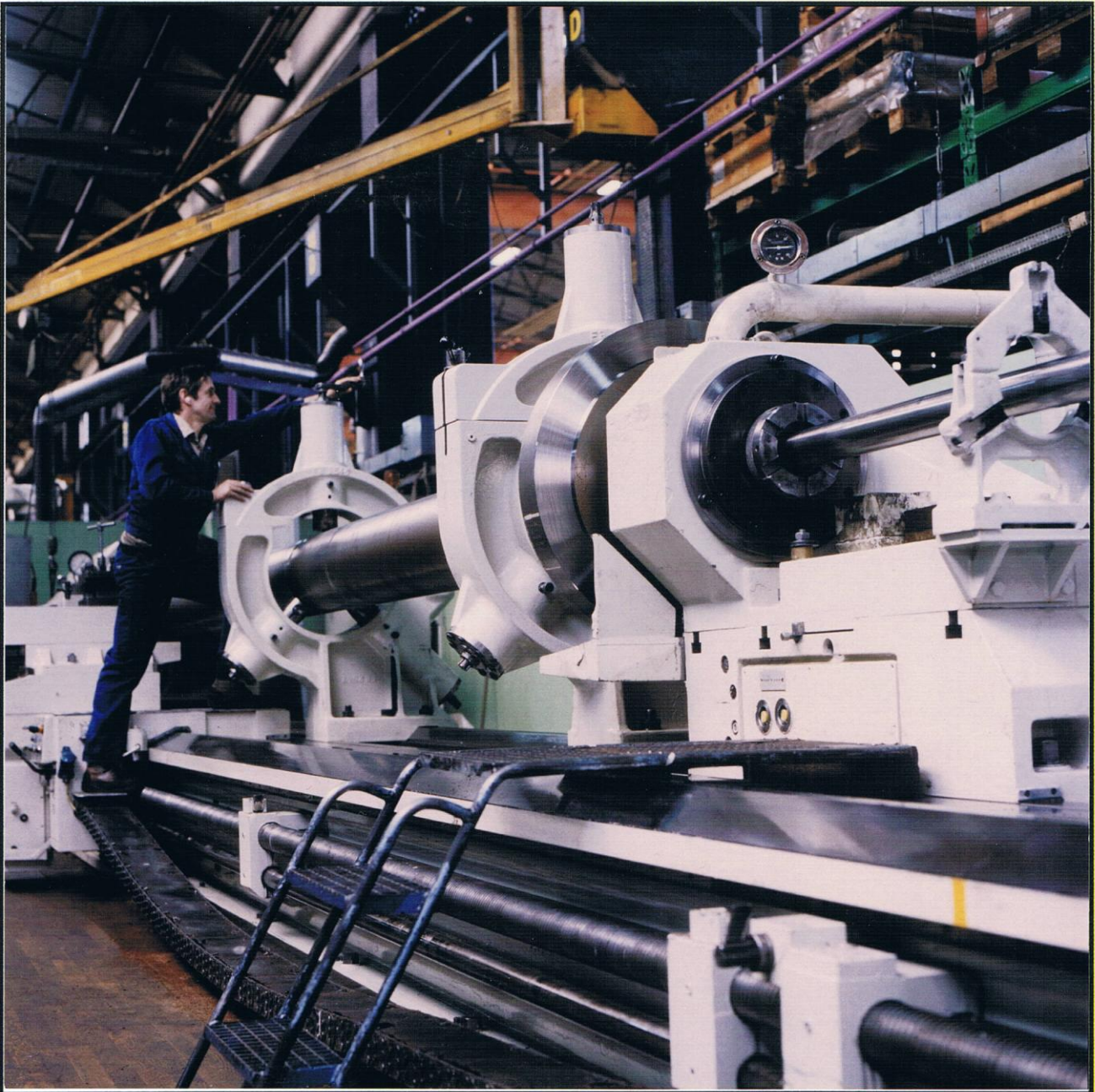
MBD-F ENGINE WORKS



Milling & drilling

CNC Machining Centre

X-axis 6000 mm, Y-axis 2000 mm, 2 machining stations



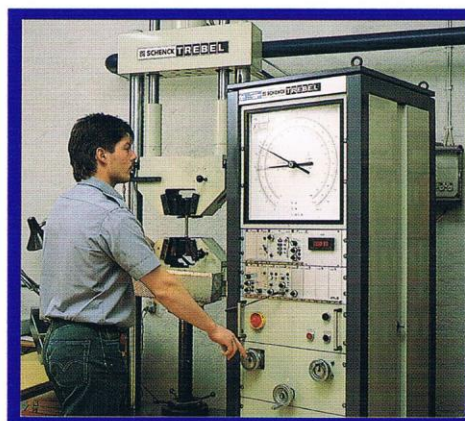
Deep hole drilling

Turning and deep hole drilling machine

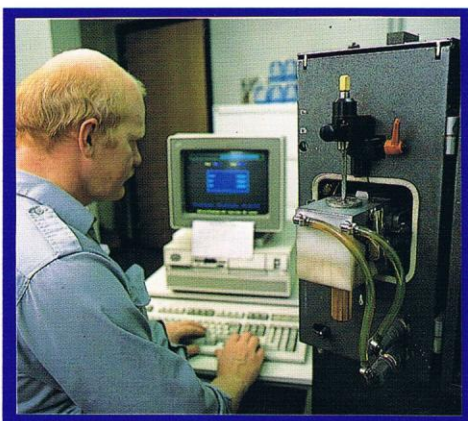
Turning length 14000 mm, Diameter 1200/1400 mm



Testing of Microstructure



Tensile Testing



Spectroscopic analysis



Impact testing

LABORATORY