

# PRESENTATION

## MANUFACTURE DE FORAGE



COMPANY ESTABLISHMENT: **1967**

SHARE CAPITAL: **247 089 €**

LAND AREA: **12 500 M<sup>2</sup>**

BUILDINGS: **8 000 M<sup>2</sup>**



### MAIN EQUIPMENTS

12 CNC LATHES  
6 TRADITIONAL LATHES  
2 MILLING MACHINE

### HANDLING

BRIDGE CRANE 25 T

### CERTIFICATIONS

ISO 9001  
ISO 19443

### REFERENCES

ARMY, NUCLEAR, CHEMICAL  
ALIMENTARY, OIL AND GAS

### SOFTWARE EQUIPMENTS

ERP AND DESIGN TOP SOLID



**MANUFACTURE DE FORAGE**  
8 RUE DU GARAT, 42152 L'HORME - FRANCE  
PHONE : +33 (0)4 77 31 83 40 - FAX : +33 (0)4 77 31 90 36  
RCS SAINT ETIENNE N° B 674 500 194 00024 - NAF 2562 B



# TURNING

## LONG DIMENSIONS SPECIALIST

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### SMALL CAPACITIES

- 3 CNC LATHES Ø 400 X 6000 MM
- 5 TRADITIONAL LATHES Ø 600 X 6000 MM
- 2 CNC Ø 450 X 3000 MM
- 1 CNC Ø 900 X 5000 MM

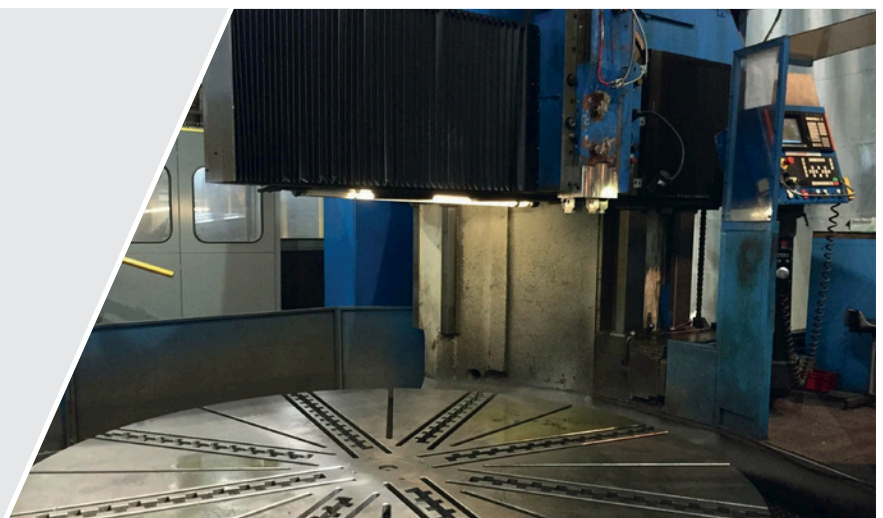


### LARGE CAPACITIES

- 1 CNC LATHE Ø 1100 X 1200 MM
- 1 CNC LATHE Ø 1600 X 8000 MM
- 2 CNC LATHES Ø 850 X 16000 MM
- 2 TRADITIONAL LATHES Ø 850 X 8000 MM

### VERTICAL TURNING

- 1 VERTICAL LATHE BERTHIEZ TFM 250  
Ø 2500 X 2400 MM  
HEIGHT 1600 MM UNDER PORTAL



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# DEEP HOLE BORING, HONING

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## DEEP HOLE BORING / DRILLING

FROM Ø 30 TO Ø 190 MM  
LENGTH 13000 MM

FROM Ø 25 TO Ø 310 MM  
LENGTH 9000 MM



## BORING

UP TO Ø 385 MM  
LENGTH 13000 MM

UP TO Ø 650 MM  
LENGTH 8000 MM

## HONING

### HORIZONTAL

- FROM Ø 25 TO Ø 70 MM | LENGTH 9000 MM
- FROM Ø 70 TO Ø 500 MM | LENGTH 13000 MM
- UPTO Ø 650 | LENGTH 7000 MM

### VERTICAL

- UP TO Ø 250 MM | LENGTH 4000 MM
- UP TO Ø 1200 | LENGTH 2400 MM



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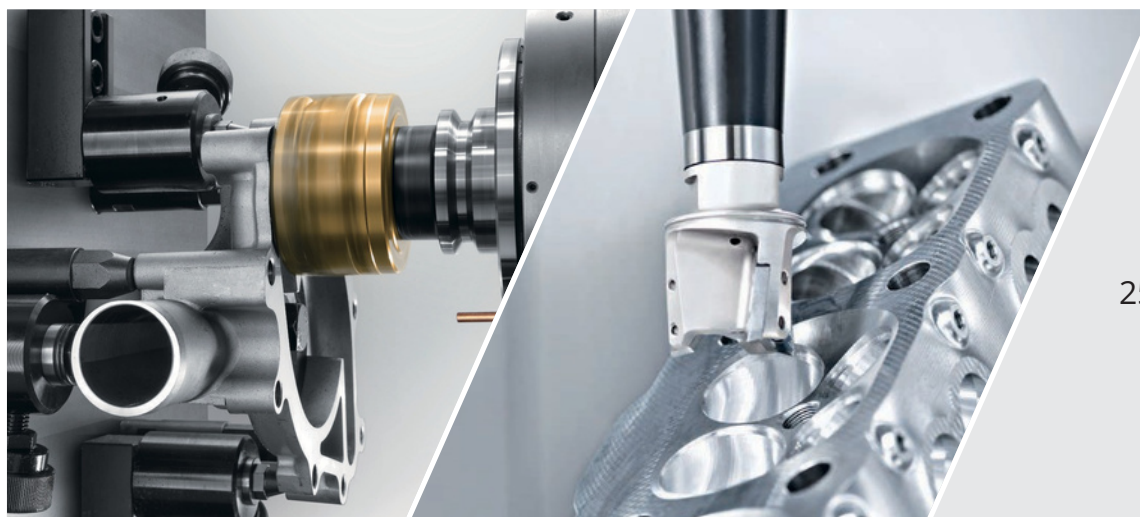
# BORING MILL

## **BORING MILL FERMAT WRF 130**

8000 X 3000 X 2500 MM  
CNC ROTARY TABLE 2500 X 2500 MM

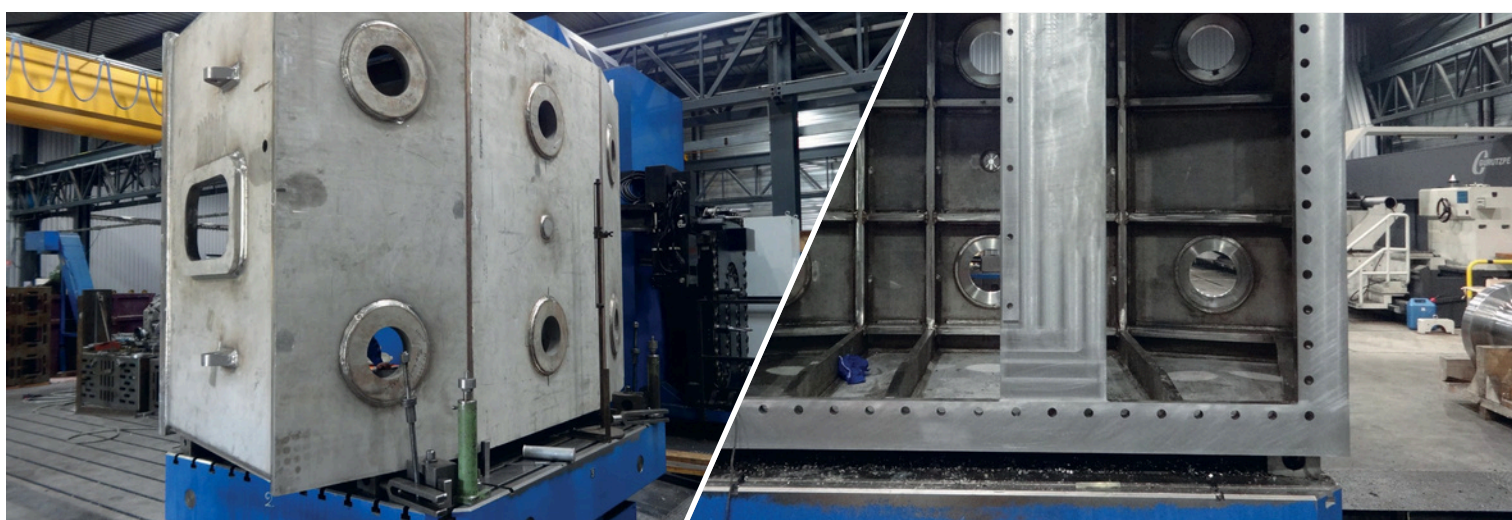
## **BORING MILL TOS WHN 13**

3500 X 2500 X 1250 MM  
CNC ROTARY TABLE 1800 X 2200 MM



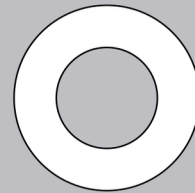
## **CNC MILLING FIL**

2500 X 1000 X 1000 MM

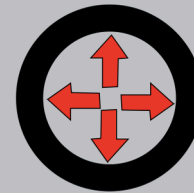


**THE GOAL OF AUTOFRETTAGE**  
IS TO INCREASE THE DURABILITY  
OF THE FINAL PRODUCT

THE TUBE (A) IS SUBJECTED TO INTERNAL PRESSURE  
PAST ITS ELASTIC LIMIT (B), LEAVING AN INNER LAYER OF  
COMPRESSIVELY STRESSED METAL (C).



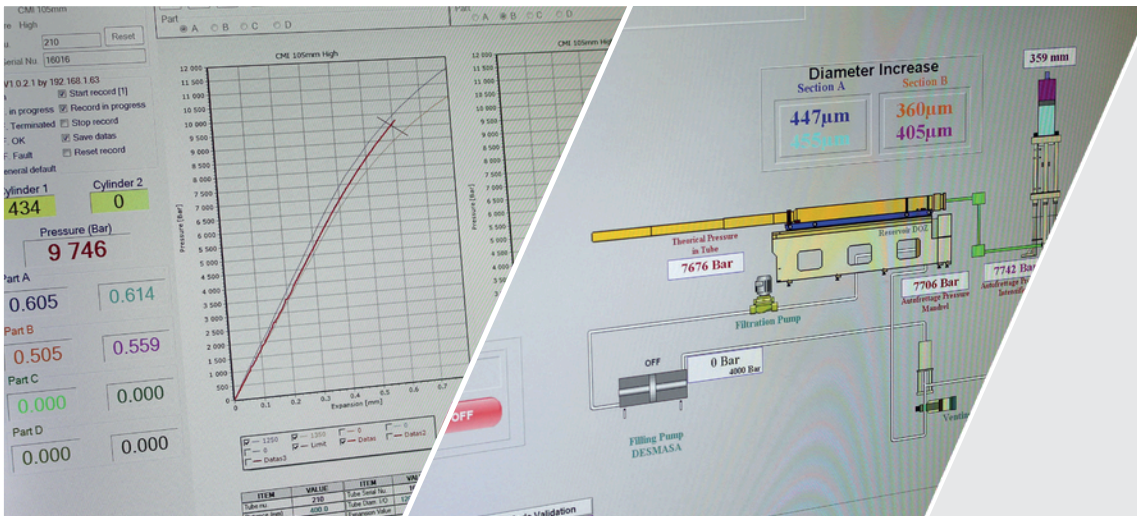
a.



b.



c.



THE PROCESS  
IS **FULLY COMPUTER  
MONITORED**  
WITH GRAPHICS  
AND CAMERAS

## HIGH PRESSURE

UP TO 13000 BARS

UP TO 10 METERS LONG

FROM 105 TO 155 BARRELS

