

# EXPERTIZE AND MAINTENANCE

*of rotating drums*



CONTACT :


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## ORGANIZATION → TEAM: 7 people


An **PhD Mechanics, and Engineering** will be able to answer all your requests concerning:




Industrial engineering, expertise, machining checking, industrial diagnosis, project support from design to commissioning, technical assistance and troubleshooting in supervision.




Two **mecanics** will work with the PhD on preventive and corrective mechanical maintenance and geometric control of rotating drums.



Three **multipurpose machining, reloading (welding, electrolysis) and mechanical technicians** will work with the PhD on curative interventions to take over rotating elements by machining and/or reloading.



A **quality, safety and environmental coordinator** will meet your safety requirements both in the preparation of interventions and on field.



An **administrative assistant** will organize commercial and administrative issues of various cases.

### **Technical services:**

- PhD: Fabien MIGOUT : + 33 (0)6 73 16 62 58
- Junior eng. : Thomas ESTRADEL : + 33 (0)6 49 66 11 97  
Christophe NOYGUES : +33 (0)6 75 34 23 14

**Safety:** Eng. Amandine DELUME : + 33 (0)6 33 34 35 50

**Administrative service** : Julie OBLIGIS : + 33 (0)6 49 67 08 93

## EQUIPMENT → MOBILE WORKSHOP VEHICLE

- ✓ Standard mechanical tools up to 120mm
- ✓ Tools for mechanical metrology,
- ✓ Optical metrology tools (level, theodolite, tacheometer),
- ✓ Status Detector (Machine Condition Advisor SKF),
- ✓ SKF TMST3 Electronic Stethoscope,
- ✓ SKF TKSA 31 Laser Shaft Alignment Tool,
- ✓ Electronic circometer,
- ✓ Electronic durometer,
- ✓ Lifting capacity up to 2 times 200 Ton
- ✓ Hydraulic controlled tightening (< 15 000Nm), manual (< 1 000Nm)
- ✓ All portable welding processes
- ✓ Machining devices for drums (tyres and rollers)
- ✓ Buffer electrolysis station,
- ✓ On-site machining devices (boring, dowelling)
- ✓ Induction bearing heater SKF TIH 100m (< 120kg and diameter 20-400mm), SKF TIH L33 (< 700kg and diameter 115-700mm).
- ✓ Truck equipped with a 50Tm crane arm, 25m,
- ✓ Truck equipped with a 12Tm crane arm, 12m,
- ✓ Equiped workshop container,

KNOW-HOW: **SOLUTIONS** TO YOUR NEEDS...

## **SUPERVISION**

Support for industrial equipment assembly on-sites and commissioning



## **EXPERTIZE**

Making notes for process calculations, thermal transfer, mechanical designing, etc.

Drying, natural granulation, cooking

## **GEOMETRICAL CONTROL**

Optical alignment, geometric control, harness control, vibratory monitoring, driving parts of rotating machines



## **DIAGNOSIS**

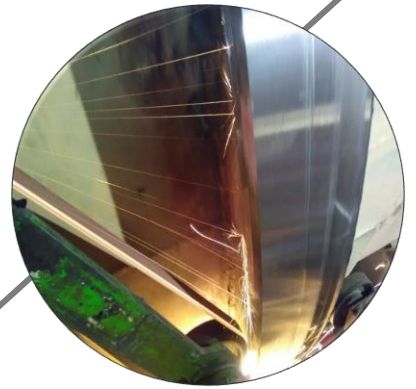
Conduct of expertize, cheacking, industrial diagnosis, on industrial equipment



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## REPAIR AND MONITORING

Cracks repair by welding, internal reinforcement, roller instrumentation

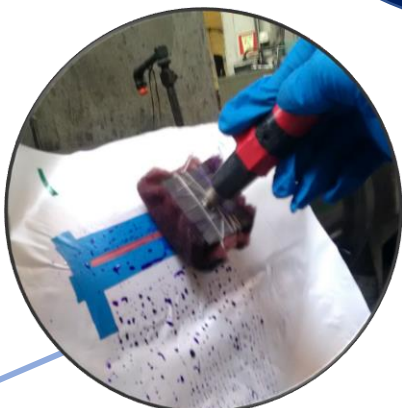


## SERVICE ACTION

Bearing replacement, Roller stopper, Roller support, Tyre, Pinion, Crown

## MACHINING

On-site machining of tyres and rollers is carried out by abrasive tape on machine of our design, boring, trunking



## BUFFER ELECTROLYSIS

Staves recovery by electrolytic reloading hand adjustment with methylene

REFERENCES: THEY TRUST US for their incinerators, dryer, coating drum, diffuseur and washer drum!

