



RAILTECH
INTERNATIONAL
© GROUPE DELACHAUX

PRESENTATION

Version UK Edition 09/06



RAILTECH PANDROL HOLDING, H R T, constitutes the main activity of **DELACHAUX GROUP** in the Railways Operations

RAILTECH INTERNATIONAL S.A.



The world leader especially in welding of rail, switches and crossings with its aluminothermic process and flash butt welding process.

PANDROL HOLDING Ltd



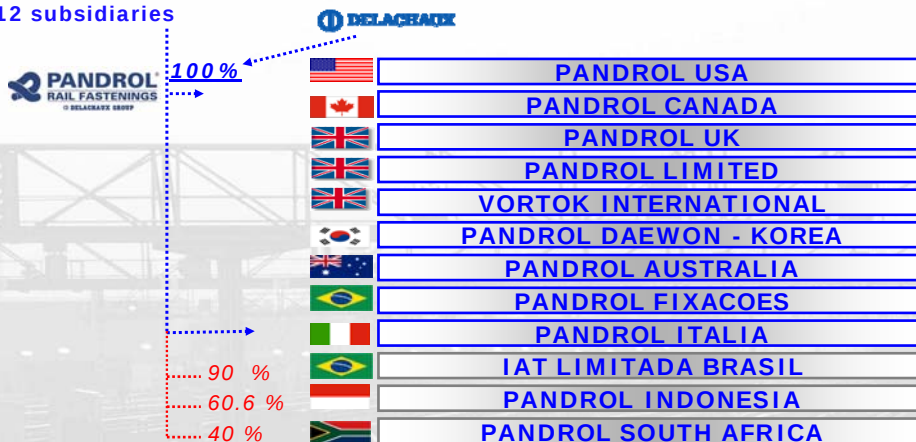
The world leader in fastening systems for rail, switches and crossings.

The Railways Operations of Delachaux Group :

Turnover :	302 000 000 €
Export share :	86.4 %
Staff :	1 150
All around the world :	28 subsidiaries

DELACHAUX Group

• 12 subsidiaries



- PANDROL has been designed and manufactured Rail Fastenings since 1937. Pandrol's presence is especially visible in 95 countries, 350 railway companies for all track conditions and traffic type.



FASTCLIP



VIPA



VANGUARD®



PANDROL Group

RAILTECH INTERNATIONAL

Is devoted in 5 main activities :

1. **Aluminothermic and Flash Butt rail welding** for all grades and profiles.
2. **Track Equipments** for carrying out rail welding, track maintenance, and fasteners application equipment.
3. **Rail Fastening Systems** : such as DFF ballast-less track.
4. **Electrification Systems** : third rail, rigid catenary, insulators, overhead tramway lines and electrical connection for trolley bus or bus.
5. **Track welding** for carrying out rail welding and training of customer's welders.

RAILTECH INTERNATIONAL :
16 subsidiaries all around the world

RAILTECH INTERNATIONAL
Quality Certificate ISO 9001

Legal informations :

RAILTECH INTERNATIONAL

Legal status : Public limited company

Major shareholder : Groupe DELACHAUX

Trade register : RCS 389 670 142

Nr Intracommunity VAT : FR 00389 670 142

Code NAF : 271 Y

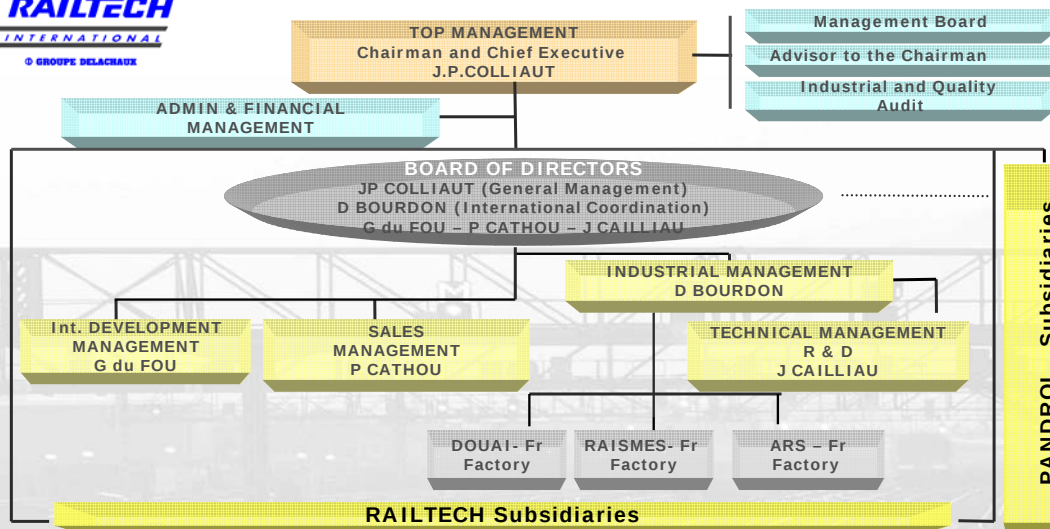
Finance informations :

Registered capital : 15 851 323 €

Turnover : 150 000 000 €

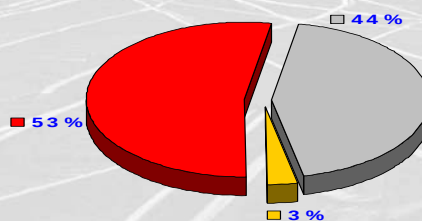
Export share : 88 %

FINANCE INFORMATIONS

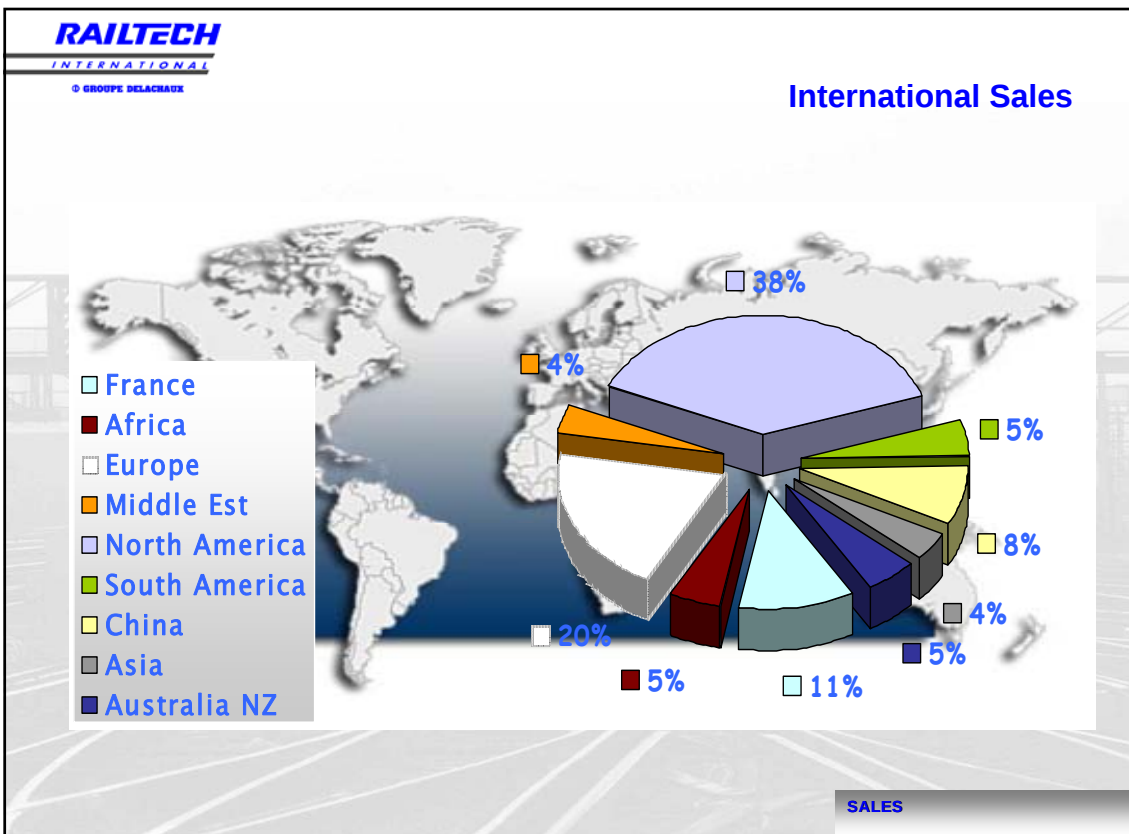
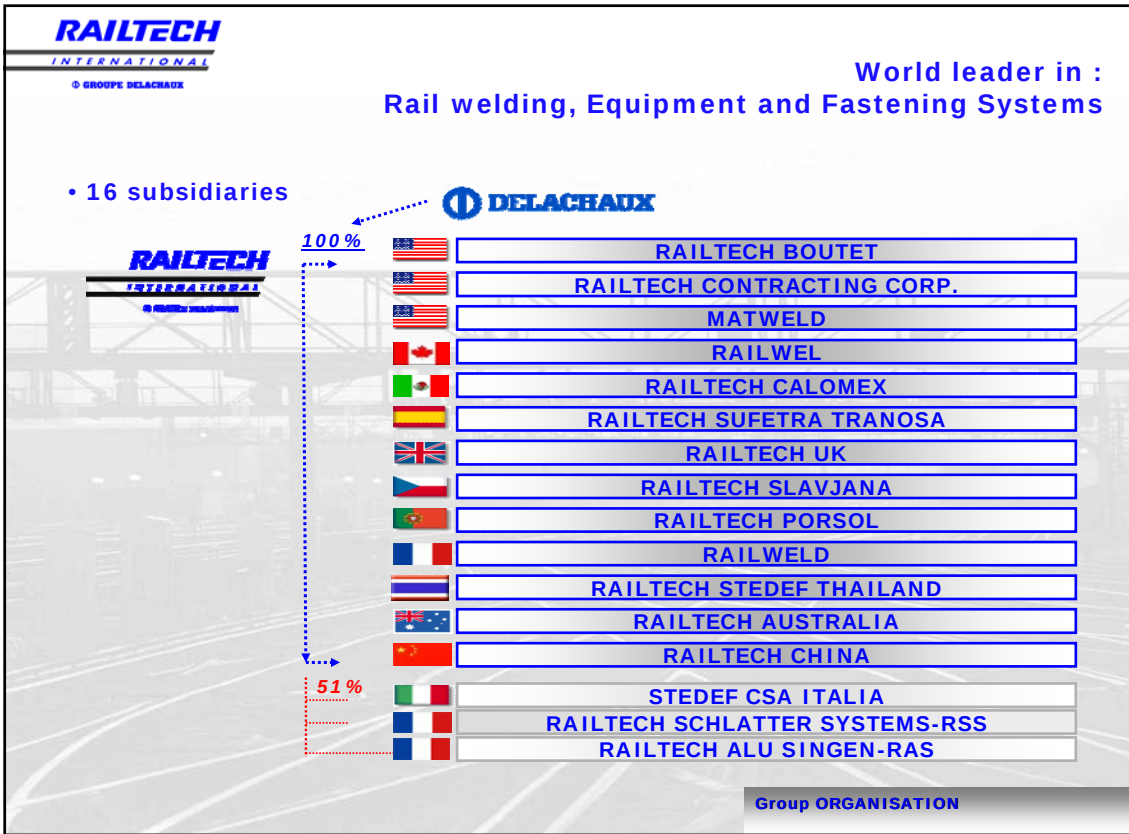


SALES REPARTITION

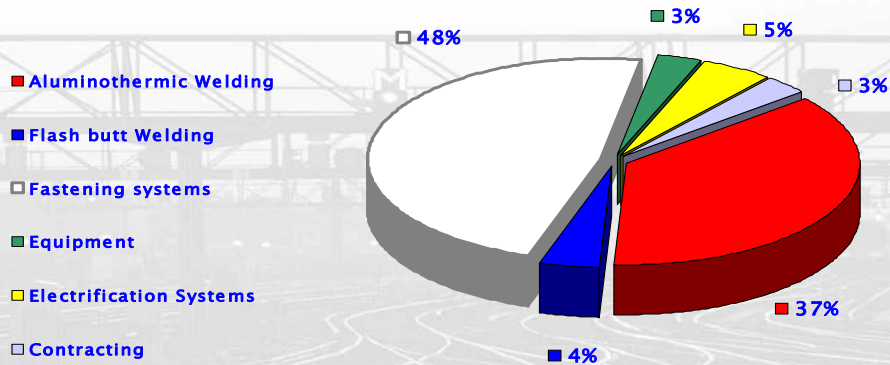
☐ Head office
☐ Contracting
☒ Subsidiaries



ORGANISATION



Sales by Business :



SALES

Leader in Aluminothermic Welding

Railtech processes can weld

- all known rail shapes, from the common section type "Vignole" to special profil grooved-rails, central guiding, crane rails, etc ...
- special steel,
- all commonly used grades of rolled steel rail, whether normal or heat treated steel ;
- stepped rails joint of different profiles and grades.



Various processes



One-Shot Crucible



Conventional crucible

Aluminothermic Welding

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Leader in :
Flash butt Welding

RAILTECH SCHLATTER
SYSTEMS

Mobile on-track flash butt welders :

- ✓ SUPRA-RAILFLEX (Rail version)
- ✓ SUPRA-MULTIFLEX (Container version)
- ✓ SUPRA-ROADFLEX (Rail-Road version)



Fixed rail line :



Switched and crossing welding

Flash Butt Welding

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leader in :
Fastening systems

STEDF

- Flat spring fastener, type **NABLA**
- Clip systems, type **PANDROL**
- Screw systems, type **SKL**



Fastening systems,
which handle all
types of track
stress, from high
speed passenger
traffic to heavy
freight

- Low vibrations design,
particularly for rapid transit
systems
- Ballast-less track systems



Fastening Systems

Leader in : Track equipments

Complete range of products suitable for track construction and maintenance

- Rail Welding equipments
- Contracting equipments
- Control and measuring devices
- Lifting and work-handling equipments
- Lighting and safety devices
- track tools



Gamme de machines à motorisation diverse :

- Thermic engine
- Electric engine
- Hydraulic engine



Track Equipments

Leader in : 3rd RAIL application

Turn-key project :

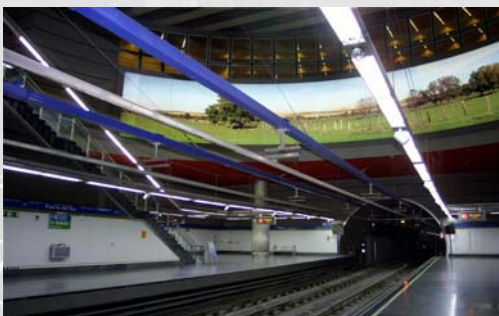
- Design
- Manufacturing
- Control and Test
- Training



Leader in : Rigid Catenary

Turn-key project :

- Complete design
- Control and Test
- Training
- Maintenance



3rd RAIL & rigid catenary

**Leader in :
Electrification systems of urban transport**

TROLLEY BUS:

- On board equipment
- Overhead line
- Electric components



METRO:

- Conductor rail
- Insulators
- Insulating cover

Electrification Systems

Turn-key track contracting – Technical Assistance

Training school



Training

Certification / Welders homologation

Training and Contracting