



REACH FOR THE SHAPES

RAFAMET Group:

RAFAMET S.A.

POREBA 1798 Ltd. / RAFAMET Foundry Ltd. /
RAFAMET Service & Trade Ltd.

Year of establishment:

1946

Main shareholder:

ARP S.A. (Industrial Development Agency)
47 %

Employment:

550

Total area:

139,912 m²

Buildings:

46,467 m²

Our brands



RAFAMET / Machine Tools



RAFAMET / Railways



POREBA 1798 / Machine Tools



RAFAMET / Service & Trade



RAFAMET / Foundry



RAFAMET / Large Part Machining

RAFAMET S.A.

ul. Staszica 1
47-420 Kuźnia Raciborska
POLAND



OWN DESIGN ENGINEERING & APPLICATION SOFTWARE OFFICE

HIGHLY QUALIFIED, CREATIVE & EXPERIENCED STAFF

40 CAD WORKSTATION





Commissioned in May 2015

BAY 1

Length: **81 m**
Width: **22 m**
Height: **23 m**
Height under overhead crane hook: **16 m**
Lifting capacity: **120/60 t**

BAY 2

Length: **81 m**
Width: **22 m**
Height: **23 m**
Height under overhead crane hook: **10 m**
Lifting capacity: **40/10 t**

Total workshop area: **3,180 m²**



(RAFAMET GROUP)

Railway Machinery

Vertical Turning Lathes

Horizontal Lathes

Special Machine Tools

Castings

Services

More than **6,000 nos.** of Heavy-Duty Machine Tools
successfully supplied and installed
in more than **70 countries** all over the world

Share of Exports in Total Sales is 70-80%.

WIDE VARIETY OF RAILWAY MACHINERY

WHEEL LATHES

Series: UBF / UDA 125 N / UFB 125 N / UFD 140 N

Radial / Axial Wheelset Clamping System
Friction Roller Drive
Roll-In Roll-Out / Roll-Through Arrangement
Automatic Wheel Measuring System



UNDERFLOOR WHEEL LATHES

Series UGE

18,000 / 30,000 / 40,000 kg Axle Load
Single / Tandem Arrangement
Vehicle Winching / Shunting Equipment



WHEEL BORING MACHINES

KCM 150 N

Wheel Hub Boring & Facing
Wheel & Tyre Machining
Oil Injection Hole & Port Drilling



AXLE LATHE

TOK 80 N

Rough & Finish Axle Turning
Axle Burnishing

SERIES: KDC / KCI / KCM

VERTICAL TURNING LATHES

Series KDC

Max. table diameter: 10,000 mm
Max. swing diameter: 13,000 mm
Max. turning height: 8,000 mm
Max. weight of workpiece: 350,000 kg
Milling & drilling capabilities

Series KCI

Max. table diameter: 7,000 mm
Max. swing diameter: 8,000 mm
Max. turning height: 5,000 mm
Max. weight of workpiece: 150,000 kg
Milling & drilling capabilities

Series KCM

Max. table diameter: 3,000 mm
Max. swing diameter: 3,500 mm
Max. turning height: 2,000 mm
Max. weight of workpiece: 10,000 kg
Milling & drilling capabilities



WIDE VARIETY OF CONVENTIONAL & CNC LATHES

HORIZONTAL LATHES

Max. swing over bed:
Max. length of workpiece:
Max. weight of workpiece:
Milling & drilling capabilities

2,400 mm
26,000 mm
80,000 kg



HORIZONTAL DEEP DRILLING MACHINES

Max. torque on spindle:
Max. weight of workpiece:
Max. length of drilled holes:
Max. diameter of drilled holes:

130,000 Nm
26,000 kg
12,000 mm
1,800 mm



SERIES: GMC / FBM / HSM

MILLING MACHINES

Series GMC (Gantry type) – GMC 320 N / GMC 400 N

Table surface: **3,200 × 8,000 mm**
Max. travel in X axis: **20,000 mm**
Max. clearance between columns: **4,250 mm**
Max. height of workpiece: **2,000 mm**
Max. weight of workpiece: **90,000 kg**

Series FBM (Planer Mill) – FBM 200 N / FBM 350 N

Table surface: **3,500 × 8,500 mm**
Max. travel in X axis: **8,000 mm**
Max. clearance between columns: **4,500 mm**
Max. height of workpiece: **3,500 mm**
Max. weight of workpiece: **50,000 kg**

HSM 180 N (High Speed Milling)

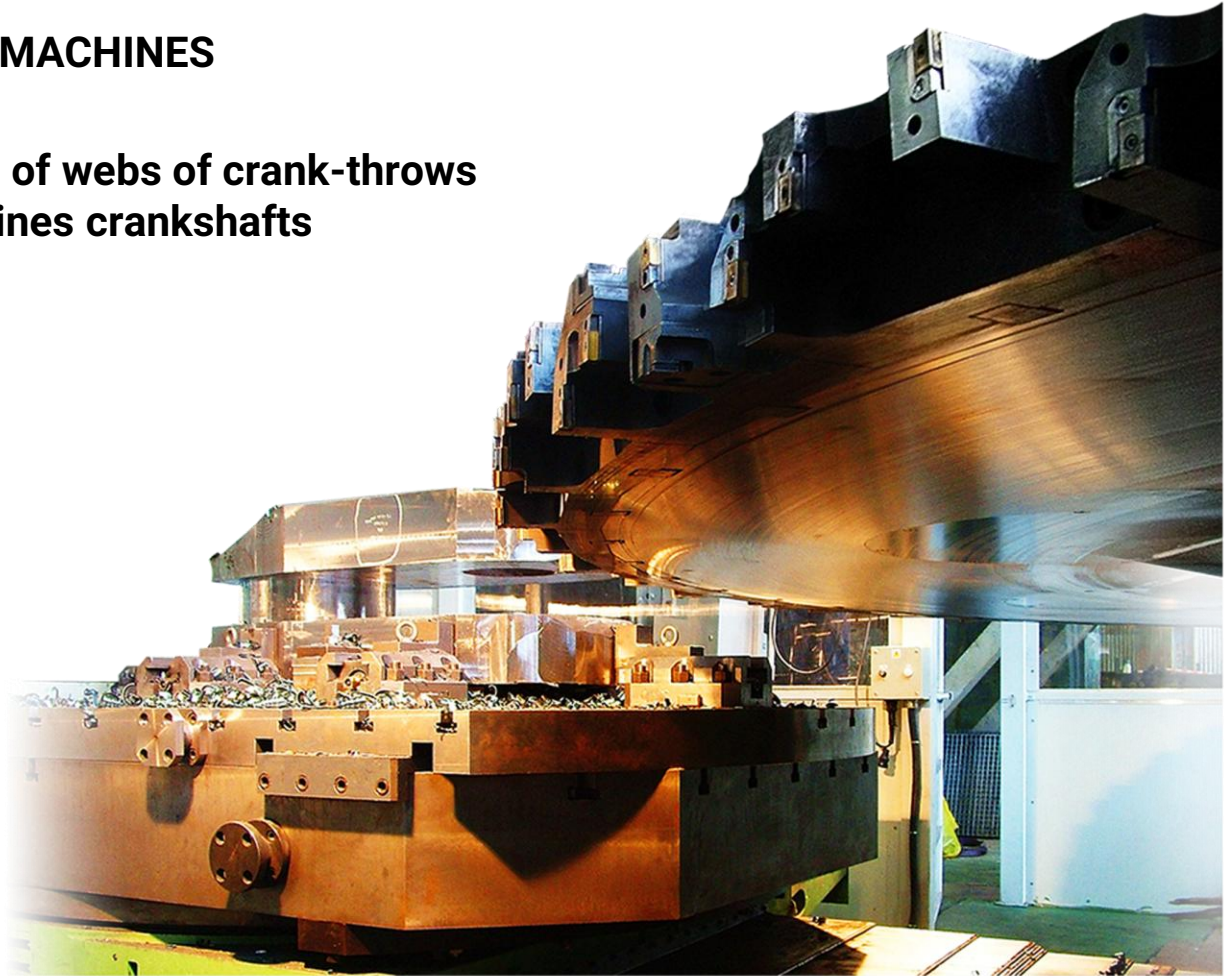
Table surface: **1,800 × 4,500 mm**
Max. travel in X axis: **4,000 mm**
Max. clearance between columns: **2,200 mm**
Max. height of workpiece: **2,200 mm**
Max. weight of workpiece: **12,000 kg**



SERIES: FS 550 / FS 600

SPECIAL MILLING MACHINES

**Heavy-duty milling of webs of crank-throws
used in vessel engines crankshafts**



GREY IRON

- EN-GJL 200, EN-GJL 250, EN-GJL 300, EN-GJL 350
- Castings of single-piece weight up to **40,000 kg**

DUCTILE IRON

- EN-GJS 400-18, EN-GJS 400-15, EN-GJS 400-12, EN-GJS 500-7, EN-GJS 600-3, EN-GJS 700-2
- Castings of single-piece weight up to **30,000 kg**

SPECIAL ALLOY CAST IRON

- Ni-hard, Ni-resist
- Castings of single-piece weight up to **20,000 kg**

FLOOR MOUNTING PLATES

- Loading capacity up to 35,000 kg/m²
- Standard sizes and special request sizes

LOST FOAM PATTERNS

WARRANTY SERVICES

- Full warranty support of supplied machines
- After-sales services

AFTER-SALES SERVICES

- On-line and at-site technical support
- Delivery of spare parts
- Overhauls & upgrades of supplied machines

LARGE-SIZE WORKPIECE MACHINING

- Horizontal & vertical turning
- Milling
- Horizontal boring
- Grinding
- Honing
- Milling & grinding of gears

INTEGRATED MANAGEMENT SYSTEM

complying with the following standards:

- **ISO 9001:2015** – Quality
- **ISO 14001:2015** – Environment Protection
- **ISO 18001:2004** – Occupational Health & Safety



Sales of products and services to Customer's satisfaction while keeping safe work conditions and respecting natural environment is our Principal Goal.

ARGENTINA

Argentine Railways SOFSE

AUSTRALIA

Pacific Rail Engineering Pty Ltd.;
Sydney Metro Northwest

AUSTRIA

WESTbahn Management GmbH

BELGIUM

SNCB; Brussels Trams STIB;
Rail Service Net

CHINA

CRRC Qingdao Sifang; CRRC Chengdu;
Changchun Railway Vehicles Company;
Guangzhou Metro; Nanjing Metro; Ningbo Metro

COLOMBIA

Sociedad Portuaria Puerto Nuevo S.A.

CZECH REPUBLIC

ČD Cargo, a.s.; Pars nova a.s.; METRANS DYKO,
Prague Trams, Ostrava Trams,

FRANCE

RATP; ABRF; FERIFOS; LORMAFER S.A.; SDH
Ferroviare; SOGEEFER

GERMANY

Deutsche Bahn AG; EuroMaint Rail

HONG KONG

MTR

INDONESIA

MRT Jakarta, Palembang LRT

IRAN

Mashhad Metro

ISRAEL

Israel Railways

KINGDOM OF SAUDI ARABIA

SAR, SRO, Riyadh Metro

MALAYSIA

Malayan Railways KTMB; HISNIAGA

MAURITANIA

SNIM

MOROCCO

Moroccan Railways ONCF

NAMIBIA

TransNamib Holdings Ltd.

NIGERIA

Nigerian Railways NRC

REPUBLIC OF SOUTH AFRICA

South African Railways TRANSNET /
TRANSWERK / SPOORNET

ROMANIA

S.C. ALSTOM TRANSPORT S.A.;
Metro Bucharest

RUSSIAN FEDERATION

Russian Railways RZD; OAO APATIT;
NOVOTRANS; Metro Kazan; Metro Moscow

SERBIA

Serbian Railways ŽS

SIERRA LEONE

African Railway & Port Services Ltd

SINGAPORE

SMRT

SLOVAKIA

Slovakian Railways Cargo Company;
ŽELOS; LOKO TRANS; ŽOS Vrútky

SWEDEN

Jernhusen AB

SWITZERLAND

JOSEF MEYER Rail AG;
Molinari Rail AG

TAIWAN

Taiwan Railways TRA

THAILAND

Thai Railways SRT

TURKEY

TÜDEMSAŞ; TÜPRAŞ; İzmir Trams;
Kocaeli Trams; Ankara Metro

UNITED ARAB EMIRATES

Dubai Metro

VENEZUELA

Venezuelan Railways IAFE

BRAZIL

WEG INDUSTRIAS S.A. – MAQUINAS,
Jaraguá do Sul, Santa Catarina

THYSSENKRUPP Industrial Solutions,
Santa Luzia, Minas Gerais

CHILE

THYSSENKRUPP Industrial Solutions,
Antofagasta

FRANCE

GENERAL ELECTRIC Energy Products
France S.A., Bourogne

Forgital Dembiermont, Hautmont

Creusot Forge Groupe AREVA
Le Creusot

Creusot Mécanique Groupe AREVA
Le Creusot

HUNGARY

GENERAL ELECTRIC Hungary Kft.,
Veresegyház

REPUBLIC OF KOREA

HYUNDAI Heavy Industries Co. Ltd, Ulsan

POLAND

EMIT S.A., Żychlin

Z.R.E. Katowice, Jaworzno

FAMET S.A., Kędzierzyn-Koźle

BUMAR-ŁABĘDY S.A., Gliwice

CELSA Huta Ostrowiec Sp. z o.o., Ostrowiec

TURKEY

AKDAŞ Döküm A.Ş., Ankara,

REMAS A.Ş., İstanbul

GÜLERMAK A.Ş. Ankara

USA

INGERSOLL Machine Tools Inc. Rockford,
Illinois



Thank you for your attention:-)

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