With experience of more than a quarter of a century Kumera Corporation serves non-ferrous metal smelters, i.e. copper, nickel and zinc/lead smelters, worldwide with a full range of equipment. We have an extensive reference list of delivered dryers and various furnaces throughout the world.

Kumera Corporation is acknowledged to provide reliable, proven technology within given time frame. Equipment are designed to be operated at minimal need of maintenance, at low operational expenses and at minimum impact on the environment.
Kumera Corporation

Kumera Corporation is a worldwide manufacturer of industrial machinery and engineering services. The corporation consists of three major operating divisions:

Power Transmission Group provides a comprehensive range of industrial and marine gearboxes for all major process industries. Kumera has more than 50 years of experience as manufacturer of mechanical power transmissions. There are more than 200,000 Kumera gear units in operation world-wide.

Technology Division specializes in state-of-the-art engineering and heavy process equipment for metallurgical and environmental industries. Kumera has successfully performed several modernization projects for metals industry and is a leading manufacturer of industrial steam dryers for copper and nickel smelters and lignite.

Foundry Division with Peiron Oy as the leading company produces all types of steel and iron castings, forming a link in the vertical refining chain of Kumera Corporation.

Kumera Power-Plaza is a virtual assistant for designers. Sign in to our www.power-plaza.com and design easily the marine and industrial gearboxes you need for your project. Major benefits include 100 % accurate drawings, project blueprints and price!

Kumera Corporation Ltd.

Kumerankatu 2
FI-11100 Riihimäki - Finland
Tel: +358 20 755 4200
Email: kumera@kumera.com

Sales

Please feel free to send your offer request to: sales@kumera.com
Your message will be answered within the next business day.

Technology Division

HEADQUATERS
Kumera Technology Center (KTC)
Kumerankatu 2
FI-11100 Riihimäki - Finland
Tel: +358 20 755 4200
Email: technology@kumera.com

MACHINERY
Kumera Machinery Oy
Kylmäkoskentie 18
FI-37910 Akka - Finland
Tel: +358 20 755 4340
Email: machinery@kumera.com

Power Transmissions Group

FINLAND
Kumera Drives Oy
Kumerankatu 2
FI-11100 Riihimäki - Finland
Tel: +358 20 755 4200
Email: drives@kumera.com

AUSTRIA
Kumera Antriebstechnik GmbH
Raiffeisenstraße 38-40
A-8010 Graz, Austria
Tel: +43 316 471524-0
E-mail: kumera.graz@kumera.com

NORWAY
Kumera AS
P.O. Box 2043, Gneiseveien 11
N-3202 Sandefjord, Norway
Tel: +47 33 485 454
E-mail: sales@kumera.no

CHINA
Kumera (China) Co.,Ltd.
Meifen Road 168
Wusongjiang Development Zone
Kunshan, China
Tel: +86 (0) 512 503 617 01
E-mail: kumerachina@kumera.com

FOUNDRY DIVISION
Peiron Oy - Kokemäki Foundry
P.O. Box B8
FI-32801 Kokemäki - Finland
Tel: +358 20 750 9400
E-mail: info@peiron.com

Emergency Repair Service & Maintenance 24/7
– All major brands and manufacturers

WORLDWIDE EMERGENCY REPAIR SERVICE FOR INDUSTRIAL GEARBOXES
Kumera Drives Oy
Kumerankatu 2
FI-11100 Riihimäki - Finland
Tel: +358 400 300 644
E-mail: service@kumera.com

WORLDWIDE EMERGENCY REPAIR SERVICE FOR MARINE GEARBOXES
Kumera AS
P.O. Box 2043, Gneiseveien 11
N-3202 Sandefjord, Norway
Tel: +0047 952 464 60
E-mail: service@kumera.no
www.kumera.no

EMERGENCY REPAIR SERVICE FOR INDUSTRIAL AND MARINE GEARBOXES IN ASIA
Kumera (China) Co.,Ltd.
Meifen Road 168
Wusongjiang Development Zone
Kunshan, China
Mr Eddy Lu
Tel: +86 (0) 512 503 617 01
Fax: +86 (0) 512 503 617 10
E-mail: kumerachina@kumera.com
www.kumera.cn
Kumera Partners

With over 60 years of experience, Kumera is known as a global leader in industrial gear unit manufacturing and innovation. Building on that knowledge and resources, we have put together a global sales and support team designed to help you find the correct product and service.

Located on 3 continents and in 11 countries, our dedicated partners work to ensure that you receive the trusted service, products, and spare parts no matter where you are.

Asia

INDONESIA
WLJ International Pte Ltd.
370H Alexandria Road
# 03-10, THE ANCHORAGE
Singapore 159961
Wesley Lim
Mobile: +65 9672 0215
Tel/Fax: +65 6473 6005
Email: indonesia@kumera.com

MALAYSIA
WLJ International Pte Ltd.
370H Alexandria Road
# 03-10, THE ANCHORAGE
Singapore 159961
Wesley Lim
Mobile: +65 9672 0215
Tel/Fax: +65 6473 6005
Email: malaysia@kumera.com

SINGAPORE
WLJ International Pte Ltd.
370H Alexandria Road
# 03-10, THE ANCHORAGE
Singapore 159961
Wesley Lim
Mobile: +65 9672 0215
Tel/Fax: +65 6473 6005
Email: singapore@kumera.com

THAILAND
UPK ASIA Engineering co. Ltd.
28/2 Nimitmai rd.
Minburi, Minburi
Bangkok 10510 Thailand
Tel: +66 2 914 7983-4
Fax: +66 2 914 7985
Mobile: +66 81 827 2664
Email: thailand@kumera.com

Europe

ITALY
Fili Frediani S.r.l.
Via Dino Andreoli 20
IT-20068 S. LAZZARO DI SAVENA (BO)
Tel: +39 051 625 7086
Fax: +39 051 628 7028
Email: italy@kumera.com
www.fratellifrediani.it

POLAND
M.S. Spinex
ul. Klimentowska 19
PL-04 672 WARSZAWA
Tel: +48 22 512 5035
Fax: +48 22 512 5050
Email: poland@kumera.com
www.msspinex.com.pl

RUSSIA
LesBumMash Ltd.
Tushina Str. 4, Office 3
RU-191119, Saint-Petersburg
Mr Sergey Melentyey
Tel: +7 812 325 22 26
Fax: +7 812 325 35 42
Email: russia@kumera.com

SWEDEN
Atech Transmission AB
Storgatan 17
SE-352 30 VÄXJÖ
Tel: +46 10 212 3700
Fax: +46 10 212 3701
Mobile: +46 705 48 66 80
Email: sweden@kumera.com
www.atechtransmission.se

South America

BRAZIL
TPI Tecnologia e Produtos Industriais Ltda.
Rua José Del Roio
300 Distrito Industrial São João Del Rey
Bairro Uberaba
CEP 12906-644 BRAGANCA PAULISTA/SP
Tel/Fax: +55 11 4035 2222
Email: brazil@kumera.com
www.tpi-br.com.br

CHILE
Maestranza Diesel Ltda.
Santa Elena 1433
6513446 SANTIAGO
Tel: +56 2 550 2000
Fax: +56 2 555 0938
E-mail: chile@kumera.com
www.md.cl

PERU
Maestranza Diesel S.A.C.
AV. Argentina 6190-6194
Callao 1
LIMA
Tel: +51 1 452 6802
Fax: +51 1 464 6027
E-mail: peru@kumera.com
Kumera Steam Dryer

Kumera Steam Dryer – the Global Market Leader:
- 20 references during 1999–2013
- 70 % of global market share of all dryers in copper smelters
- Kumera Steam Dryer is the key equipment for the global success of steam drying for drying of non-ferrous metal concentrates
- Applications available for copper, nickel and lead smelters

Benefits of the Kumera Steam Dryer:
- High capacity of concentrate feed rate at 250 t/h
- High capacity of water evaporation rate at 25-30 t/h
- Very high energy efficiency
- Lowest specific energy consumption of any dryers
- Zero gas emission, i.e. CO$_2$, SO$_x$, NO$_x$
- Lowest dust emission rate due to low gas flow rate
- Lowest operational expenses of any dryer
- Lowest need for maintenance of any dryer
- Highest availability of any concentrate dryer

- Easy maintenance due to light weight components
- Minimum space requirement
- Small size and low cost gas handling equipment
- Low steam and electric power consumption

Options for Improved Dryer Performance
- Optional waste heat recovery system integrated to the dryer, to further decrease the primary energy consumption significantly
- Optional screening and subsequent crushing of coarse fraction, all integrated into the dryer system, recommended for direct blister copper and nickel smelting applications
Kumera Furnaces

With delivery of some 40 complete Anode Furnace systems and over 20 P-S Converters and some Rotary Holding Furnaces, Kumera is one of the leading suppliers of such furnaces world wide. The scope of supply may include process engineering, mechanical engineering, electrical engineering, manufacturing, instrumentation and automation for all or selected sections of the furnace systems. Main common parts include the drum, mouth, mouth cover / hood, tuyeres, support structure and the drive unit. In addition to the end wall burner (oil / gas, air / oxygen) for the anode furnace and rotary holding furnace, also additional oxy-fuel burners and porous plugs are recommended, especially if there is a need for proper control of temperature and slag chemistry and if substantial amount of solids are to be melted in the furnace.

Kumera Corporation, being also a manufacturer of mechanical power transmissions, is in the best position to make tailor-made drive solutions according to special requirements of each customer, including required type of emergency drive, inching drive for proper casting operation and PLC based control system, all of Kumera design.

Anode Furnaces

Furnace mouth for anode furnace is supplied with a water-cooled frames (cooling elements) to increase the life-time, and to enhance the operability of the mouth. The mouth is covered by pneumatically operated hatch to minimize heat radiation, emission and fuel consumption and air leakage inside the furnace.

Peirce-Smith Converters

Kumera design also includes the converter mouth lined with fire-resistant cast steel, apron shield, tuyere valves and swivel joint.

Rotary Holding Furnaces

Rotary holding furnaces are designed to be operated for matte / slag separation of the TSL process to produce high quality discard slag.
Kumera Bucket Excavator

Kumera Bucket Excavators for lifting granulated matte and slag from the pit. During the transportation the water content in the material is reduced approximately to 10%. The Kumera Bucket Excavator is equipped with automatic control system for controlling the excavation operation and capacity.

Kumera Roll Crusher

Kumera Roll Crusher is specifically designed for breaking down agglomerated dust from electrostatic precipitator and waste heat boiler. The crusher is of heavy duty design and therefore suitable for crushing hot, sticky and abrasive materials. This is achieved by using water cooled rotors, external bearing supports and appropriate construction materials.

Kumera Rotary Dryer

Conventional Rotary Drum Dryers are still today suitable for special applications, like drying of concentrates at smelters with no steam available, and for side-stream solids of low capacities.