



GEISMAR®

EQUIPMENT AND SERVICES FOR THE INSTALLATION AND MAINTENANCE OF RAILWAY INFRASTRUCTURES



> Who we are?

Geismar was founded in Colmar in 1924

From the outset, the company has sold tools for the maintenance of railways.

Today, Geismar designs and produces solutions for the installation, maintenance and control of railway infrastructures.

As railway specialists, we are present throughout the world where there are conventional, urban and high-speed transport networks.



With a team of nearly 1,000 people

in subsidiaries and sales offices in France and around the world, the Geismar group plays an important role in ensuring the excellence of rail systems worldwide.

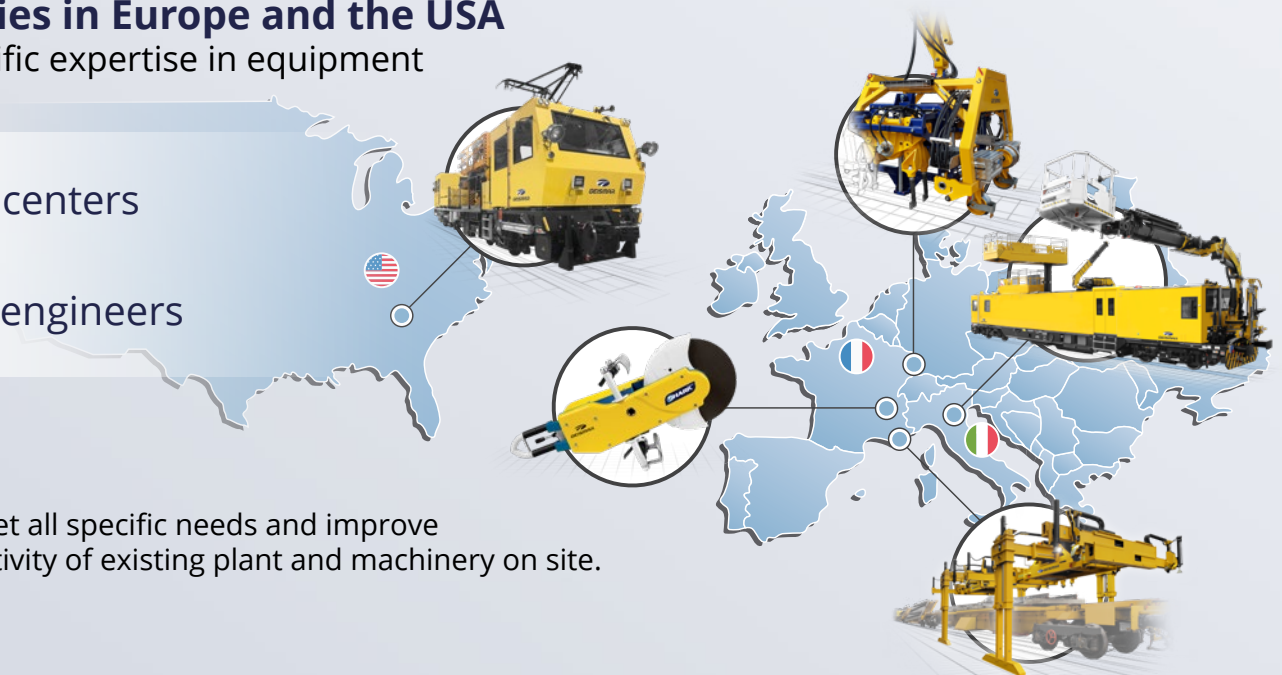
> Our engineering and manufacturing capabilities

5 factories in Europe and the USA

with specific expertise in equipment

6 R&D centers

100 engineers



We can meet all specific needs and improve the productivity of existing plant and machinery on site.

> Our solutions & expertise

From hand tools to heavy track laying equipment, from small maintenance machines to track inspection vehicles; Geismar offers solutions for all types of railway work by continuously investing in innovation.



 | Rail



 | Fastenings



 | Sleepers



 | Ballast



 | OHL



 | Track & Turnouts



 | Rolling Stock



 | Road-Rail



 | Measurement & Inspection



 | Stationary Equipment

> Vision

An ever more vigorous innovation policy



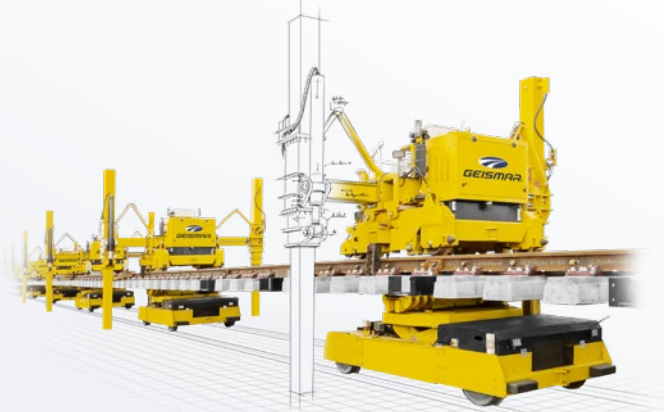
The Geismar group ensures a continuous improvement of the existing equipment and the development of new equipment.

The objective is to continue to offer users equipment that guarantees the best conditions of safety, reliability and performance.

Our ambition is to contribute to the construction of tomorrow's rail transport: safer, more efficient and more respectful of our environment.

➤ Building tomorrow's rail mobility

Geismar designs and manufactures
solutions adapted for all your needs



PEM-LEM | *Laying solution for track, turnouts, switches and crossings*

SRC | *High output catenary renewal trains*

Tools and accessories solutions for multiple railway applications



Our range of road-rail vehicles
for fast and safe interventions

#catenary #crane #troubleshooting #in track welding ...

KGT road-rail loaders
with its many universal accessories
dedicated to the railway industry

#beam #ballast tamping machine
#track brush ...





> Our electrically-powered range

Anticipating the global movement towards solutions that preserve the environment, improve the comfort of workers and minimize negative impact on the neighborhood, Geismar proposes a new global approach towards a sustainable railway world "the sustainable way to rail" which consolidates all its innovative electrically-powered solutions under the name Activion systems.



**A comprehensive range of electric solutions,
from rolling stock to portable equipment.**

Portable equipment | Lightweight trolleys | Measurement systems | Road-rail vehicles | Track motor cars



TOWARDS A SUSTAINABLE RAILWAY WORLD



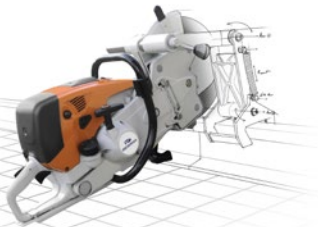
RAIL

More products >



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Rail > Cutting Technology



LIGHTWEIGHT ABRASIVE RAIL SAW

CUT HORNET | MTZ

activation
systems



BATTERY-POWERED ABRASIVE RAIL SAW

SHARK



Rail > Drilling Technology



RAIL DRILL FOR CARBIDE INSERT DRILL BITS

DRILL HORNET | PRZ

activation
systems



BATTERY-POWERED RAIL DRILL

NARVAL



Rail > Grinding Technology



RAIL PROFILE GRINDER

METAL HORNET
MP12 200 / MP12 270



VERTICAL RAIL AND SWITCH GRINDING MACHINE

METAL HORNET | MV3



FROG POINT AND CHECK RAIL GRINDING MACHINE

METAL HORNET | MC3

activation
systems



BATTERY-POWERED RAIL PROFILE GRINDER

BARRACUDA



PREVENTIVE GRINDING TRACK MOTOR CAR

METAL DRAGON



TRACK GRINDING ROAD-RAIL VEHICLE

METAL WIZARD



RAIL *(continued)*

More products >



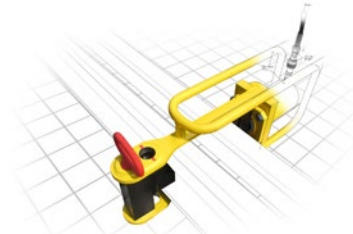
geismar.com

Rail > Bending Technology



LIGHTWEIGHT HYDRAULIC RAIL AND SWITCHBLADE STRAIGHTENER

BEND HORNET
JLP 75 / JA / JB / JC



SWITCH BLADE HYDRAULIC BENDER

BEND HORNET | JLP30

Rail > Destressing



RAIL HEATER

HEAT HORNET | SH4



RAIL KNOCKER

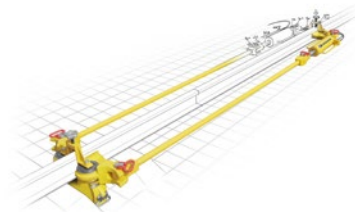
KNOCK HORNET | MR512

activion
systems



BATTERY-POWERED HYDRAULIC UNIT

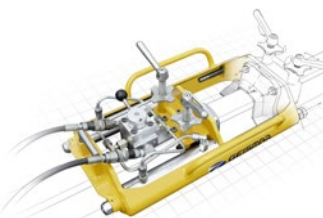
NAUTILUS



RAIL TENSORS

TENS HORNET
TH 70 / TH 120

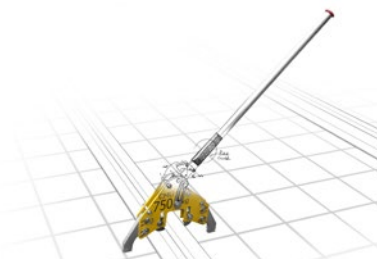
Rail > Shearing Technology



MODULAR WELD SHEAR

SHEAR HORNET
ESN3 / ESN4

Rail > Manual Equipment



UNIVERSAL RAIL LIFTING LEVER

LIFT HORNET | PLR 750

Rail > Handling



RAIL CHANGER

PSR / PMR



RAIL HANDLING BEAM

PAR



FASTENINGS

More products >



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activion
systems

Fastenings > Bolting



PORTABLE IMPACT WRENCH

BOLT HORNET | MIW3



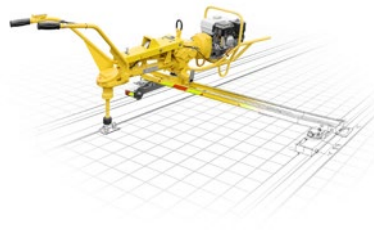
BATTERY-POWERED IMPACT WRENCH

MANTIS



PRECISION COACHSCREWING MACHINE

BOLT HORNET | TPAS



PRECISION COACHSCREWING MACHINE

BOLT HORNET | TC



DIGITAL COACHSCREWING MACHINE

BOLT HORNET | TDH2

activion
systems



BATTERY-POWERED COACHSCREWING MACHINE

MARLIN

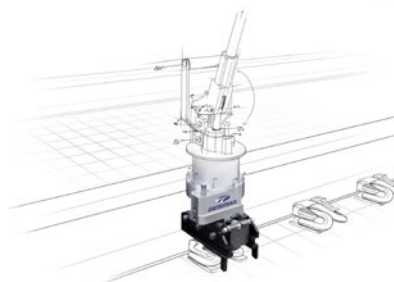


Fastenings > Clipping



COMPACT CLIPPING MACHINE FOR FASTCLIP

CLIP HORNET | AP3



PORTABLE CLIPPING MACHINE FOR FASTCLIP

CLIP HORNET | APL6

Fastenings > Spiking



HEAVY DUTY MULTIPURPOSE CLIPPER

CLIP HORNET | AP21



HYDRAULIC SPIKE PULLER

SPIKE HORNET | AS3



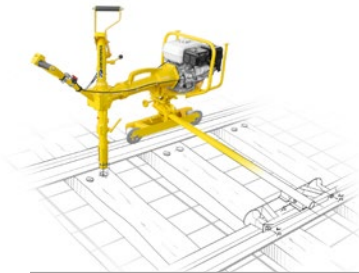
SLEEPERS

More products >



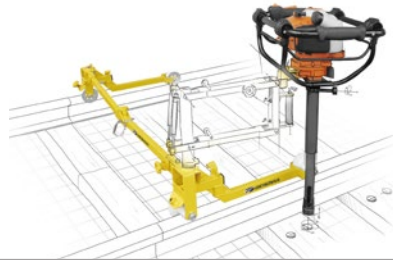
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Sleepers > Drilling



SUPER LIGHTWEIGHT SLEEPER DRILLING MACHINE

DRILL HORNET | PTSL



PORTABLE SLEEPER DRILLING MACHINE

DRILL HORNET | PTXL

Sleepers > Laying and Handling



HYDRAULIC GANTRIES FOR TRACK LAYING AND RENEWAL

PTH 350 & 500



VARIABLE SLEEPER SPACING BEAM

PTV



BALLAST

More products >



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Ballast > Tamping



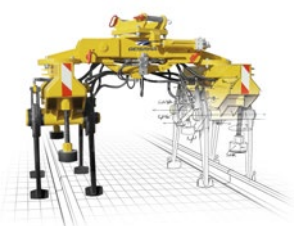
BALLAST TAMPING SET

TAMP HORNET | GB4S



BATTERY-POWERED PORTABLE TAMPER

MORAY



DOUBLE HEADS TAMPING MODULE

MB 2TL



TRACK AND TURNOUTS TAMPING UNIT

MB8



BALLAST *(continued)*

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Ballast > Handling



MODULAR SLEEPER REPLACER

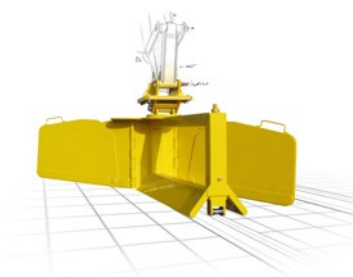
OST



BALLAST UNDERCUTTER BLADE

ODB

Ballast > Brushing



BALLAST REGULATOR BLADE

OLR



TRACK BRUSH TOOL FOR ROAD-RAIL LOADER AND EXCAVATOR

BRV



OHL

[More products >](#)



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OHL > Maintenance



CATENARY MOTORIZED ROAD-RAIL ELEVATOR

OPTIMA 300



CATENARY MAINTENANCE TRACK MOTOR CAR

AIR DRAGON

OHL > Installation and Renewal



OHL MAINTENANCE ROAD-RAIL VEHICLE

AIR WIZARD



ROLLING / UNROLLING WAGON

W-E/D



TRACK AND TURNOUTS

More products >



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Track and Turnouts > Laying and Renewing



TRACK AND TURNOUTS LAYING SYSTEM

PEM-LEM



TRACK SWITCH LAYING SYSTEM

X-TRACK²



TRACK AND TURNOUT PANEL LAYING METHOD FOR TILTING WAGON

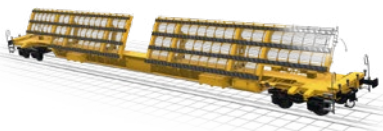
PWP



HANDLING GANTRY ON WAGON

PMW

Track and Turnouts > Transport



TILTING WAGON

KZN SWITCHER



LEVELING AND SLEWING MACHINE

LNR 528 & 529



RAIL THREADER

MPR



RAIL LOADER WITH MOTORIZED WINCH

CR



CATERPILLAR GANTRY FOR TRACK-LAYING

ECTR



SHORT RAIL TRANSPORT WAGONS

WTC



ROLLING STOCK

More products >



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Rolling stock > Urban Transit Technology



URBAN TRANSIT TRACK MOTORCAR

DRAGON series

Rolling stock > Personnel Transport Technology



PERSONNEL TRANSPORTATION TRACK MOTORCAR

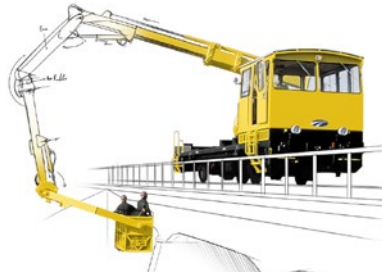
TEAM DRAGON

Rolling stock > Infrastructure Inspection Technology



TRACK AND INFRASTRUCTURE INSPECTION VEHICLE

VIGILIS series



INFRASTRUCTURE INSPECTION TRACK MOTORCAR

SKY DRAGON

Rolling stock > Locomotive Technology



SHUNTING LOCOMOTIVE WITH AXLES

LOCO DRAGON 500



SHUNTING LOCOMOTIVE WITH BOGGIES

LOCO DRAGON 1000

Rolling stock > Track technology



MULTIFUNCTION TRACK MAINTENANCE MOTOR CAR

PICKER DRAGON | VMT



HEAVY TRACK MOTOR CAR FOR WORKSITES

PICKER DRAGON | VMB

Rolling stock > Electric Drive Technology

activion
systems



ELECTRIC DRIVE TRACK MOTORCAR

AIR DRAGON

BATTERY
TECHNOLOGY

Rolling stock > Transport of Material Technology



MODULAR TRANSPORT TRAILER

RTM



ROAD-RAIL

More products >



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Road-rail > Excavating Technology



ROAD-RAIL EXCAVATOR
KGT 140



**HEAVY CAPACITY
ROAD-RAIL LOADER**
KGT 280

Road-rail > Track Works Technology



**TRACK WELDING
ROAD-RAIL VEHICLE**
FLASH WIZARD



**ROAD-RAIL VEHICLE FOR
RAILWAY EQUIPMENT
HANDLING**
PICKER WIZARD

Road-rail > OHL Maintenance



**SELF-PROPELLED OHLE
ACCESS UNIT**
OPTIMA 100



**CATENARY MOTORIZED
ROAD-RAIL ELEVATOR**
OPTIMA 300

Road-rail > OHL Maintenance



**MULTI-PURPOSE ROAD-
RAIL VEHICLE FOR
TRACK AND CATENARY
MAINTENANCE**
UNIVERSAL WIZARD



**LIGHTWEIGHT UTILITY
ROAD-RAIL VEHICLE**
RUNNER WIZARD
V2R U-300

Road-rail > Seasonal maintenance



**ROAD-RAIL VEHICLE FOR
BRIDGE INSPECTION ***
SKY WIZARD



**ALL SEASONS
MAINTENANCE
ROAD-RAIL VEHICLE ***
STORM WIZARD

* Americas only

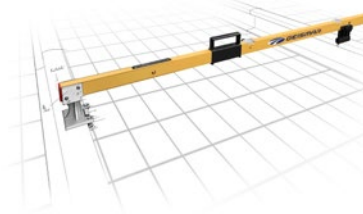


Measurement & Inspection > Track Geometry Technology



**DIGITAL TRACK GAUGE
FOR TRACK AND
SWITCH GEOMETRY
MEASUREMENT**

GARNET-DL



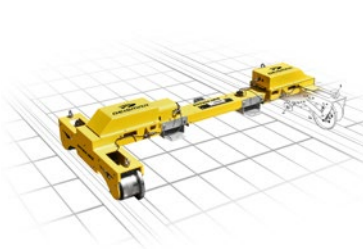
**COMBINED TRACK AND
TURNOUT GAUGE FOR
CANT AND GAUGE
MEASUREMENT**

RCA



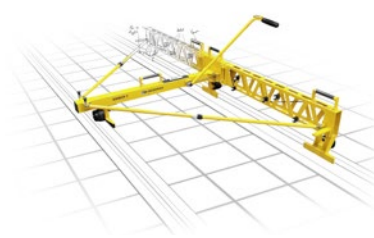
**PORTABLE TRACK
GEOMETRY & SWITCH
GEOMETRY DIGITAL
MEASURING &
RECORDING TROLLEY**

DIAMOND-S2



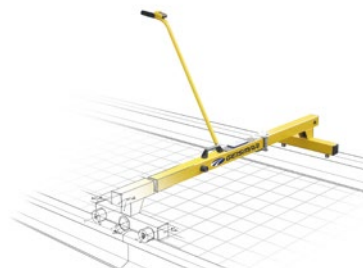
**TOWED TRACK
RECORDING UNIT**

EMERALD



**TRACK GEOMETRY
AND VERSINE
MEASURING AND
RECORDING TROLLEY**

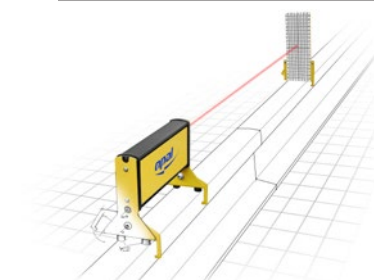
AMBER-T



**MANUAL TRACK
RECORDING UNIT**

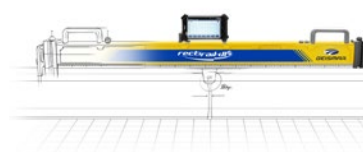
AMBER

Measurement & Inspection > Rail Geometry Technology



**LASER ALIGNMENT
SYSTEM**

OPAL MINI



**PORTABLE ELECTRONIC
STRAIGHTNESS
MEASURER**

RECTIRAIL DL2



MEASUREMENT AND INSPECTION *(continued)*

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Measurement & Inspection > Catenary Control Technology



TRACK MEASUREMENT AND ULTRASONIC INSPECTION TROLLEY

VIGILIS 400 MT US



TRACK AND CATENARY MEASUREMENT AND CONTROL TRACK MOTORCAR

EYE DRAGON

Measurement & Inspection > Clearance & Structure Technology



LASER SURVEY RECORDER

MEPHISTO



STATIONARY EQUIPMENT

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Stationary equipment > Brushing Technology



AUTOMATIC RAIL END BRUSHING MACHINE

BRUSH TITAN

Stationary equipment > Grinding Technology



AUTOMATIC RAIL WELD GRINDING MACHINE

METAL TITAN

Stationary equipment > Cutting Technology



RAIL CARBIDE SAWING AND DRILLING MACHINE

DRYCUT TITAN

Stationary equipment > Straightening Technology



HYDRAULIC 4-WAY MOBILE STRAIGHTENING PRESS

PRESS TITAN



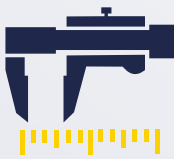
RETROFIT



**GEISMAR
REBORN**



**COMMISSIONING /
TRAINING**



CALIBRATION



RENTAL



**EXTENSION OF
GUARANTEE**



**CERTIFIED
SECOND HAND**



SPARE PARTS



**AFTER-SALES
SERVICE / REPAIR**

From commissioning to spare parts, training and maintenance,
Geismar supports you throughout the life of your machines and projects

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