

GEISMAR X JCB HYDRADIG

ROAD-RAIL EXCAVATOR

*The multifunction solution
for your railway work*



Multifunctional, safe solution for lifting and excavating

High performance thanks to a wide range of interchangeable accessories

Remote maintenance for optimum availability

 **GEISMAR®**

Your benefits

- The agile and versatile multipurpose road-rail excavator: the ideal solution for all types of rail work
- High hydraulic power to feed a wide range of rail tools: tamping modules, sleeper beams, rail grapple...
- Improved safety thanks to the automated lifting control system eliminating the risk of tilting or derailling

Range of compatible tools

- Quick fastener
- Rotator/swivel joint
- Tiltrotator

BALLAST

- Ballast broom OBA
- Double headed tamping unit MB2TL
- Tamping unit MB8 Line *(Contact us)*
- Ballast clearing blade OLD
- Ballast regulator blade OLR

SLEEPERS

- Sleeper rotating grab PA2T
- Modular sleeper replacer OST *(without buckets)*
- 4-sleeper chain lifting beam PCT
- Single-unit sleeper beams PTV 881
*Available in 3 sleeper version
(consult us for 4 sleepers)*
- Bi-block sleeper beams PTV 896
*Available in 2 sleeper version
(consult us for 3 sleepers)*

RAIL

- 4-roller rail clamp for LWR OMR
- 4-roller hydraulic rail clamp for LWR OMR-H
- Rail handling clamp PAR 11
- Rail handling beam PAR 481
- Curved rail handling beam PRC 489
- Rail rotating handling beam PRR 488
- Chain rail handling beam PAR

TRAILER

- Railway trailer RTM

EARTHWORKS & OTHER

- Cleaning bucket, trapezoidal OGC - OGR
(Available on request)
- Ballast grab bucket, clamshell bucket
(Available on request) OBP
- Hydraulic hammer OBR
- Front fork OFF
- Snow blower OFD

Specifications

| | |
|---------------------------------|--|
| Engine | 81 kW (109 hp) Step V 4.8 L, 2,200 rpm |
| Railway gauge | 1,435 mm (other on request) |
| Transmission | Hydrostatic |
| Road speed | Up to 30 km/h |
| Rail speed | |
| Speed of rotation of the turret | 9 rpm |
| Hydraulic power for accessories | 120 l/min + 2 x 60 l/min 210 bar. 50 l/min 280 bar. |
| Lifting arm | Triple-articulated + offset |
| Lifting capacity (°0) | On track and road: 1.7 t at 6.5 m |
| Lifting capacity (°90) | • On the road: 1.3 t at 6.5 m • On rail: 1.1 t at 6.5 m |
| Single tires | 405/70 x 20 |
| Drive and steering wheels | 4 |
| Steering road axles | 2 |
| Comfort | Air-conditioned cabin |
| Certification | EN 15746 |
| Dimensions (L x W x H) | • On road: 7,600 x 2,450 x 3,350 mm |
| | • On track: 7,260 x 2,450 x 4,060 mm |
| Mass | 14 t |

Work diagrams

