



Technical Data

Dimensions and Capacities

Weight	18,000kg
Maximum reach	6.58m
Maximum lifting capacity	8000kg
360° lifting capacity on-rail	1140kg
Diesel tank capacity	240 litres
Speed on-road	25 km/h

Engine

Manufacturer	Deutz or Caterpillar
Engine displacement	3.6 litre
Power	90kW

Hydraulic System

Max working pressure	350 bar
Max pump flow (l/min)	175 + 175
Hydraulic oil tank capacity	210 litres

On-Rail Drive

Drive type	Fully-Elevated Hydrostatic Optional friction drive
Speed	25 km/h
Rail wheel service brakes	Yes
Rail wheel park brakes	Yes

Built as a dedicated road-rail machine, the Colmar T2400 has class leading lifting capacity, beyond what would be achieved by converting a standard excavator for rail use.

The lifting capacity and exceptional hydraulic system performance make the T2400 ideal for lifting applications that would not be possible using a traditional converted excavator. A wide range of attachments may be fitted to the rotating head including sleeper grabs, mast grabs and buckets.

The T2400 is compliant with the requirements of AS7502:2016

Safety Systems

Rated capacity indicator	Yes
Boom height limiting	Yes
Virtual wall slew limiting	Yes
Vigilance System	Yes
Emergency stops	x3
Emergency recovery system	Hyrail retract and boom/slew movement

The rated capacity indicator (RCI) system displays dynamic load charts to the operator and ensures safe and stable operation at all times. When enabled, virtual walls and height limiting prevent the machine from moving outside the rollingstock outline.

