



Built as a dedicated road-rail machine, the Colmar T1000 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 T1000 ideal for crane and piling applications that would not be possible using a traditional converted excavator.

The T1000 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.



Technical Data

Dimensions and Capacities

Weight	40,000kg
Maximum reach	7.8m
Maximum lifting capacity	11,300kg
360° lifting capacity on-rail	3000kg
Diesel tank capacity	240 litres
Speed on-road	3 km/h

Engine

Manufacturer	Deutz or Caterpillar
Engine displacement	4.1 litre
Power	115kW

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
Speed	20 km/h
Rail wheel service brakes	Yes
Rail wheel park brakes	Yes