



Built as a dedicated road-rail machine, the Colmar T10000 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 T10000 ideal for crane and piling applications that would not be possible using a traditional converted excavator.

The T10000 is compliant with the requirements of AS7502:2016

Technical Data	T10000FS	T10000HS
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Dimensions and Capacities		
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Weight	31,500kg	
Maximum reach	7.9m	7.8m
Maximum lifting capacity	11,300kg	
360° lifting capacity on-rail	2600kg	
Diesel tank capacity	210 litres	340 litres
Speed on-road	19 km/h	

Engine		
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Manufacturer	Deutz or Caterpillar	
Engine displacement	4.8 litre	6.8 litre
Power	115 kW	180 kW

Hydraulic System		
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Max working pressure	350 bar	330 bar
Max pump flow (l/min)	175 + 175	270 + 130
Hydraulic oil tank capacity	120 litres	

On-Rail Drive		
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Drive type	Fully-Elevated Hydrostatic Optional friction drive	
Speed	19km/h	
Rail wheel service brakes	Yes	
Rail wheel park brakes	Yes	

Safety Systems	
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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.





This chart shows the lifting capacity of the T1000 with the RCI system enabled and measures according to ISO10567.

