



COLMAR T10000 Road Rail Crane

MACHINE OVERVIEW

Story Plant's Colmar T10000 Road Rail Crane is one of a limited number of machines of its type available for work in the UK after the completion of a bespoke conversion programme to turn the machine into a hybrid Crane/RRV. The machine's versatility and capability makes it an ideal solution for a wide range of our client's problems.

In crane mode, the machine boasts an 11.2m extendable boom and is able to carry out a wide variety of lift and carry duties on rail. With no requirement to deploy jack legs, there is no need to establish ground pressure bearing ratings when working in rail mode, allowing the crane to operate from a smaller ground base.

Following completion of crane duties, the machine can revert to RRV mode and is compatible with a wide range of attachments.

The T10000 Crane's unique combination of capabilities means that it offers more flexibility than a standard crane or RRV, allowing a wider range of works to be carried out without needing to hire numerous machines, providing significant cost savings.

WORKTYPE SUITABILITY

The versatility of the T10000 Crane means that it is suitable for carrying out a wide bank of work types, both on and off rail. When combined with Story's team of experienced, multi-skilled operators and associated POS and crane controllers, the machine is able to carry out a vast scope of tasks.

With a quick adjustment at the end of the machine's boom, the T10000 can carry out works utilising the following attachments:

- Grabs
- Clamshells
- Rail Beams
- Thimbles
- Auger/Torque Head Drive Units
- Ballast Brushes
- Tamping Banks

COLMAR T10000 CRANE: MACHINE SPECIFICATION

GKD PLANNER

The T10000's GKD Capacity Planner allows for fast and accurate lift planning to be carried out before a shift.

Data derived from extensive tip testing during the calibration of our Colmar Crane forms the basis from which the planner is able to determine the machine's true lift capacity under all track conditions.

By simply inserting details such as working cant, working gradient, lift load weight and lift radius, the GKD Planner for this machine will automatically provide the user with the maximum height at which lifting duties can be performed. When clicking 'View Machine' the lift planner is able to confirm the machine configuration is as planned.

This information can then be used to ensure the machine is able to complete all required tasks within the site's specific conditions.

The Colmar Crane's GKD Capacity Planner can be accessed online at:

<https://storyplant.co.uk/plant-hire/colmar-t10000-rrv-crane-w-triple-extending-boom/>

SPECIFICATION

Maximum Working Radius	11.2m
Maximum Lifting Capacity (boom retracted)	6 tonnes
Maximum Lifting Capacity (boom extended)	3 tonnes
Maximum Lifting Height	11.3m
Cab Rotation	360°
Maximum towed load	46,000kg
Maximum no. of trailers	2
Maximum Working Cant	150mm
Maximum Working Gradient	1:25
Total Weight	33,000kg
Working Speed (on rail)	3mph
Max. Travel Speed (on rail)	10mph
Any Line Open Working	Yes
Working under live OLE	Yes



WORKING RANGE DIAGRAM (FULL EXTENSION)

