



Colmar RRV crane

VolkerRail Ltd.

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Colmar RRV

VolkerRail's plant division has a fleet of heavy lifting Colmar road rail vehicles (RRV), cranes and excavators which are permitted to work next to rail lines open to traffic, with both mechanical and electrical fail safe slew limiters.

There are a wide range of attachments associated with our RRV's including various hydraulic grabs, ballast brushes, fast clipping machines and trailers, along with a wide range of specialist attachments for thimbling rail, ballast profiling, welding and more.

Our team of driver maintainer operators, who are highly qualified and experienced, deliver a client focused service by providing:

- Expert advice in all lifting and handling operations
- Plain line renewals, lifting panels solo or in tandem
- Lifting support for S&C renewals and construction
- Level crossing renewals
- Rapid and flexible client response
- Strong environmental awareness on site
- Plant operators licence working



Technical information

Weight	32,000 kg
Maximum travelling speed	15 mph (25 Km/h)
Number of axles	2
Overall Length	5225 mm
Width	2820 mm
Height (road)	3270 mm
Height (rail)	3500 mm
Tail swing gauge exceedance (CW in)	690 mm (max)
Tail swing gauge exceedance (CW out)	1230 mm (max)
Height of tail swing above rail head	1385 mm (min)
Minimum curve radius	80 m
Maximum gradient	1 in 25
Maximum travelling cant	200 mm
Maximum working cant	150 mm
Maximum on/off tracking cant	100 mm
Wheel profile	P1
Engine	Deutz TCD 6.1-L6 Tier 4
Engine Power (2200 rpm)	150 kw
Drive	9b
Rail wheels driven	4
Hydraulic system pressure	350 bar
Hydraulic system flow rate	180 l/min
Volume fuel tank	450 ltr
Year of construction	2014

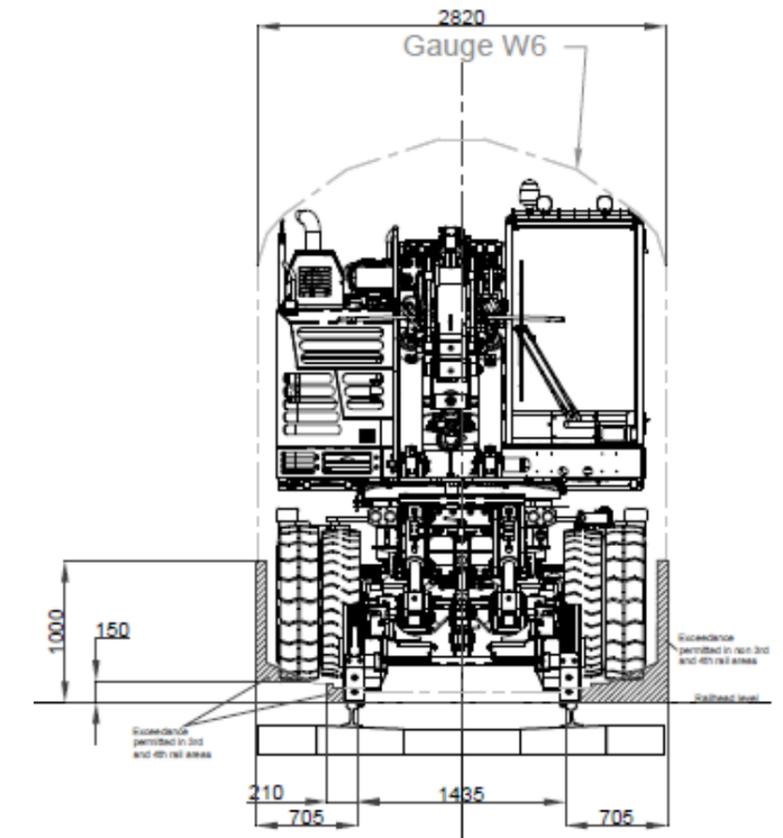
Expert advice in all lifting and handling operations





Operation information

Loading/Off loading or on/off tracking	1 Operator + m/c or c/c
Operation	1 Operator + m/c or c/c
RCI system	GKD 3RCI
ALO working	Yes
On/off track, travel and work under live overheads	Yes
Quick hitch installed	Yes
Tandem lift mode	Yes
Towing capacity	80,000 kg / 4 trailers



Production Information

Lifting point	SWL	Maximum reach
Auxiliary	6tonne	6.7m
Quick hitch (tool pin)	9.5tonne	7m
Tool pin (no quick hitch)	16tonne	7m
Quick hitch lifting eye	6tonne	7.5m

A full set of duty charts are available upon request for all three lifting points and tandem lift modes.



Rail mode – Level rail - Tool pin – unlocked - 0° - height 3m – Distance 5m = 10.97t

Rail mode – Level rail - Tool pin – locked - 180° - height 3m – Distance 5m = 11.88t

Attachments

- Fassetta Beam
- Universal Beam
- 60ft Lifting Beam
- Log Grab
- Sleeper Grab
- Camlock
- Drag Clamp

- Pallet Forks
- Thimble
- Drum Carrier
- Clamshell Bucket
- Profile Bucket
- Ditch Bucket
- 2ft Bucket
- Tamping Bank
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Many other attachments available on request, please email VolkerRail delivery manager, Scott Almond on scott.almond@volkerrail.co.uk



Rapid and flexible client response

