



## 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	10 mph (16 Km/h)
Number of axles	2
Overall Length	7635 mm
Width	2525 mm
Height (road)	2900 mm
Height (rail)	3138 mm
Tail swing gauge exceedance (CW in)	290 mm (maximum)
Tail swing gauge exceedance (CW out)	790 mm (maximum)
Curve radius	80 m (minimum)
Gradient	1 in 29 (maximum)
Travelling cant	200 mm (maximum)
Working cant	200 mm (maximum)
On/off tracking cant	100 mm (maximum)
Wheel profile	P1
Engine	Deutz BF 6L 913.112
Engine Power (2800 rpm)	112 kw / 160 HP
Drive	9b
Rail wheels driven	4
Hydraulic system pressure	340 bar
Hydraulic system flow rate	184 l/min
Volume fuel tank	130 ltr
Year of construction	2001

Expert advice in all lifting and handling operations

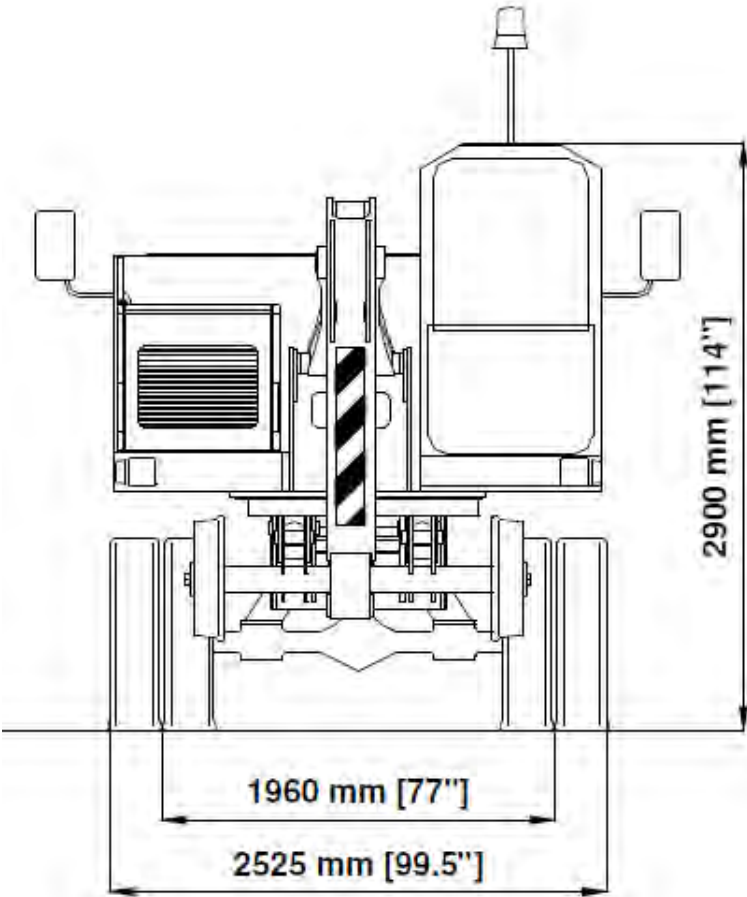






Operation information

Loading/Off loading or on/off tracking:	1 Operator + m/c or c/c
Operation:	1 Operator + m/c or c/c
RCI system	Prolec Liftwatch
ALO working	Yes
Tandem lift mode	Yes
Towing capacity	46,000 kg / 4 trailers
Tandem lift mode	Yes
Towing capacity	80,000 kg / 4 trailers



Production Information

Lifting Point	SWL	Maximum Reach
Auxiliary	5 t	6 m
Tool pin (dipper retracted)	15 t	6.5 m
Tool pin (dipper extended)	15 t	7.5 m

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

- Volkerrail 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
- nk

Many other attachments available on  
request, please email VolkerRail delivery  
manager, Scott Almond on  
[scott.almond@volkerrail.co.uk](mailto:scott.almond@volkerrail.co.uk)



Rapid and flexible client response

