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# MONITOR RR14 EVO3/400 RAIL BOOM LIFT



# MONITOR RR14 EVO3/400

This is not a modified Boom Lift. The RR14 EVO has been specifically designed from the ground up for use on rail, and has a host of unique features to provide fast and safe access above both rail and normal terrain.

In the creation of the machine, a lot of attention has been given to meet the stringent industry requirements, resulting in unmatched performances.

The self-levelling turret and very strong chassis allows an amazing horizontal outreach of 9.3 m when set-up on rail. Not only this, but the RR14 EVO will also drive whilst elevated, greatly improving work efficiencies.

Available in a tri-gauge version, the RR14 EVO can be used on all three rail gauges in Australasia. It is available with the option of direct hydraulic drive, 4 Wheel Steer for

superior performance and handling.

Every rail industry requirement has been thought of and catered for, with an emergency back-up diesel engine, electric emergency lowering system and directional LED lights through to the options of an on-board generator, work area lighting, anti-crush device, rail equipment position indication and EDD's.

An optional pantograph is available for measuring the height and distance of overhead wires. A data recorder and GPS device stores inspection data for referencing.

**OPTIONAL ADD-ONS:**



Lithium Battery



Measurement Pantograph



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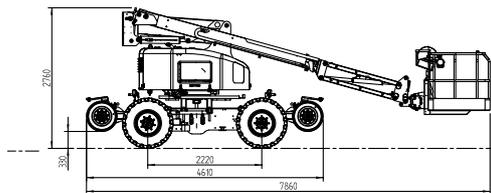
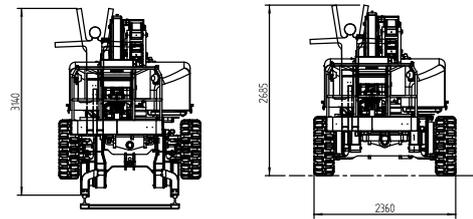
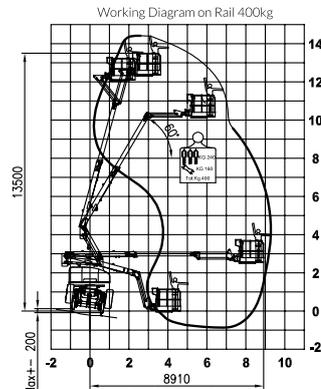
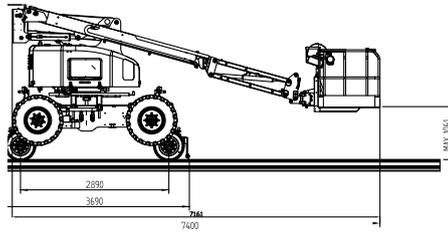
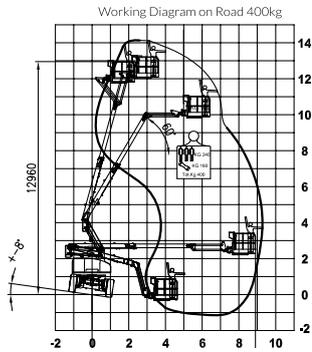
**Monitor Lifts® Rail Division**  
Hi-Rail EWP specialists, supporting clients from Perth AU across to Auckland NZ, with revolutionary rail access equipment.



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## TECHNICAL SPECIFICATIONS



(Diagrams relate to Std Gauge 1435mm rail).

<b>Max working height</b>	rail 14.4 m (tyres 14.10 m)
Max working height in narrow set	N/A
<b>Max horizontal outreach</b>	rail 9.3 m (tyres 10.20 m)
Max. rated capacity	3 persons / 400 kg
<b>Weight (approx)</b>	<b>13,400 kg</b>
Turret rotation	359°
Basket rotation	180°
Ground pressure driving (approx)	kN/m <sup>2</sup>
Traffic load (live load) travelling	kN/m <sup>2</sup>
Auto levelling turret	Std
Gradeability lengthwise	16°
Gradeability sideways	8° rail (14° tyres)
Standard power source	Hatz 48 Hp Diesel
Optional power source	Emergency Hatz 9 Hp Diesel
Dual power options	Hybrid w/ Lithium Batteries
Tri-gauge	Optional
Drive Speed	Rail 18 km/h (Road 8 km/h)
Electric emergency lowering	Std

(All specs E&OE and subject to change)

Note: Specifications vary between models as well as with rail gauge changes. For more detailed information on the RR14 EVO, please contact Monitor Lifts.





Monitor RR14 Evo Rail Mounted Boom Lifts working night shift in Perth.



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## OPTIONAL ACCESSORIES

### **Li** Lithium Battery

With a more efficient technology that is environment friendly with the reduction of noise and emissions, and increased safety.

It boasts a fully electric solution that enables it to be used in any situation—including operating inside a tunnel—with low noise, and no emissions.



### **T** Measurement Pantograph

Designed to fit to the RR14 EVO3, it is very compact in size to maximize the machine's employability, with reduction of 3m to the total stowed height position.

This enables the machine to be transported on trucks without having to remove the pantograph.



## GET IN TOUCH

You may contact us at [monitor.net.au](http://monitor.net.au), or call us via our toll-free number at 1800 025 024.



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