

MONITOR RR14 EVO3/400 RAIL BOOM LIFTS



Experience | Safety | Innovation



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

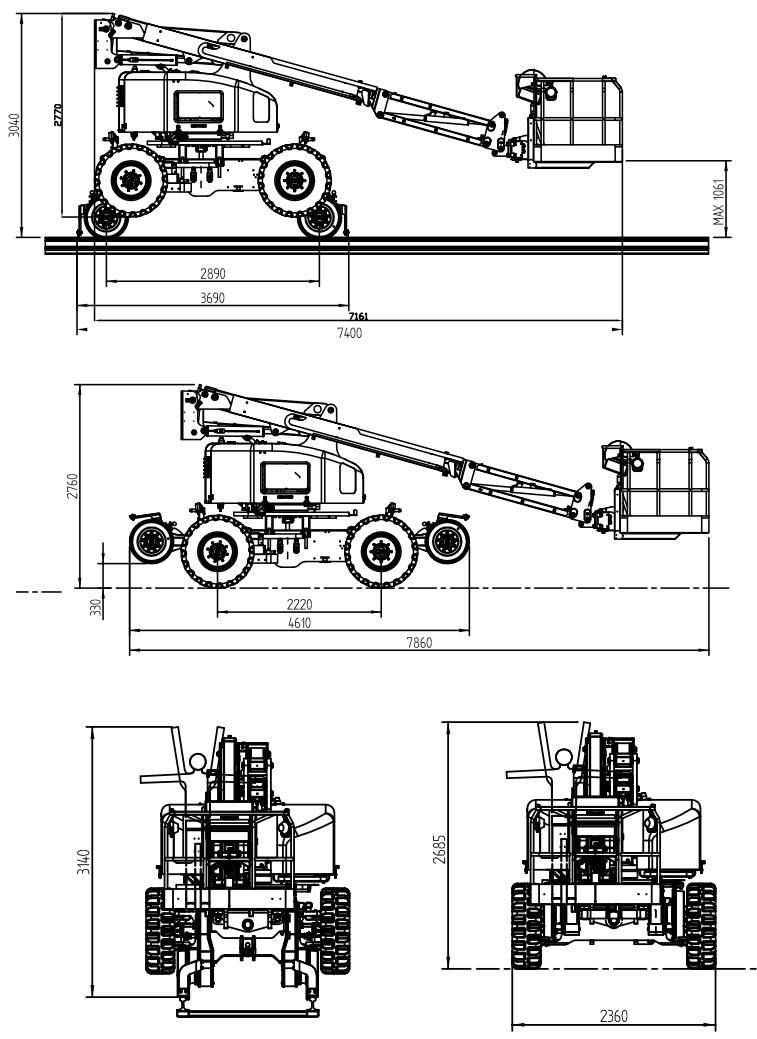
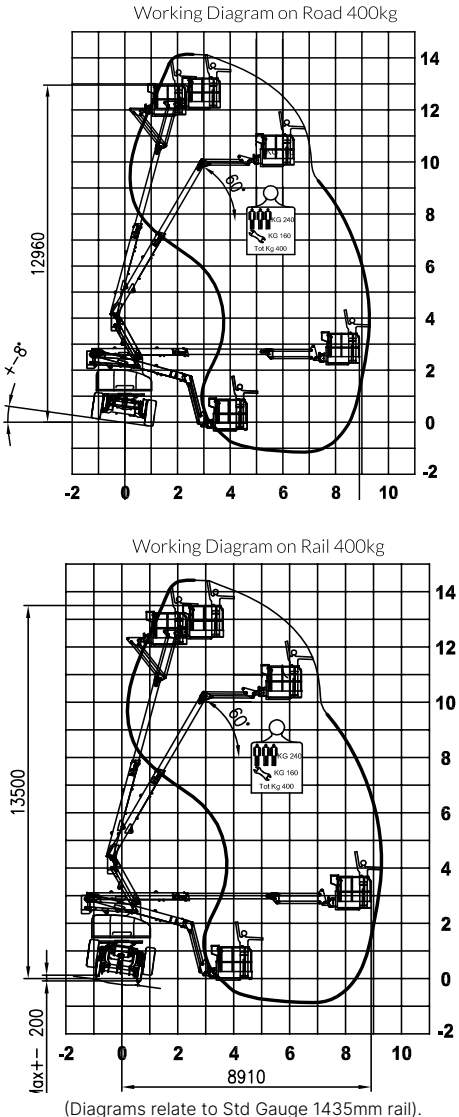


Measurement
Pantograph





TECHNICAL SPECIFICATIONS



(2540 with new hub design)
(2450 to hubs with wheels reversed - 2420 to tyres)
(2495 with wheels reversed on one side only)

Max working height	rail 14.4 m (tyres 14.10 m)
Max working height in narrow set	N/A
Max horizontal outreach	rail 9.3 m (tyres 10.20 m)
Max. rated capacity	3 persons / 400 kg
Weight (approx)	13,400 kg
Turret rotation	359°
Basket rotation	180°
Ground pressure driving (approx)	kN/m2
Traffic load (live load) travelling	kN/m2
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.





STANDARD FEATURES OF THE MONITOR RR14



4 Wheel Steer & 4 Wheel direct hydrostatic Drive

with option of 18 km/h drive speed on rail

± 8° Self-leveling turret



400 kg MRC

3 person large basket



OPTIONAL ACCESSORIES

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.



Measurement Pantograph

Designed to fit to the RR14 EVO3, it is very compact in size to maximize the machine's manouverability, retracting to a stowed height position of only 3m.

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



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