

# monitor LiFTS®

## RAIL BOOM LIFTS

# THE RR14 EVO

Designed specifically for rail / road applications, the RR14 EVO from Platform Basket has established its position as the best performing machine of its type.

Unlike other modified machines, the RR14 EVO has especially designed features which others can only dream about. A unique self-levelling turret ensures the booms and basket are kept level even when driving along sloping ground or rail.

This clever feature allows the RR 14 EVO to have a greater outreach and bigger basket capacity, and provides a more comfortable platform for the operators.

Safety has been considered as the single most important factor in the RR 14 EVO design. Failsafe brakes, outreach and load control systems, and even a back-up diesel engine for emergency retrieval have all been included.

The basket is large, providing lots of space for two operators and plenty of tools and materials.

Contractors in Australia are faced with the difficult challenge of our great country having three different gauges of rail, and so the RR 14 EVO is available in a Tri-Gauge model which allows the machine to be switched over quickly to whichever track is to be worked on.

Since 2011, Monitor Lifts have invested heavily in obtaining approvals from relevant authorities for the RR 14 EVO, and can now provide a fully certified machine to give you safe and effective access to all areas above both rail and other terrain.





RAIL BOOM LIFTS

# PBRR14 EVO 3



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.

Above left: On tyres the outreach increases even more, and the machine can be driven at full height and at full reach with an unrestricted envelope.

Above Middle: Shown here on narrow gauge rail in QLD, the RR14 EVO is solving access solutions right across the country.

Above right: Out to 9.3 m horizontal reach while on track. Awesome!

Opposite page: 3 persons/400kg SWL on rail.

# PBRR14 EVO 3

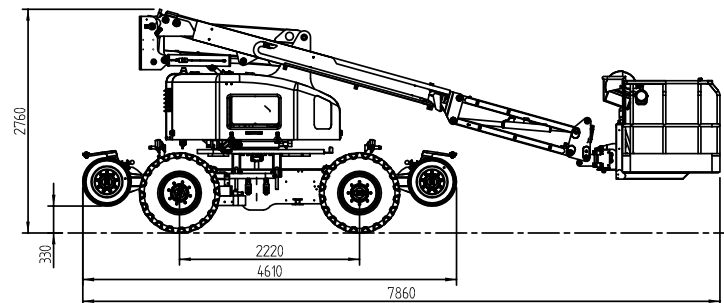
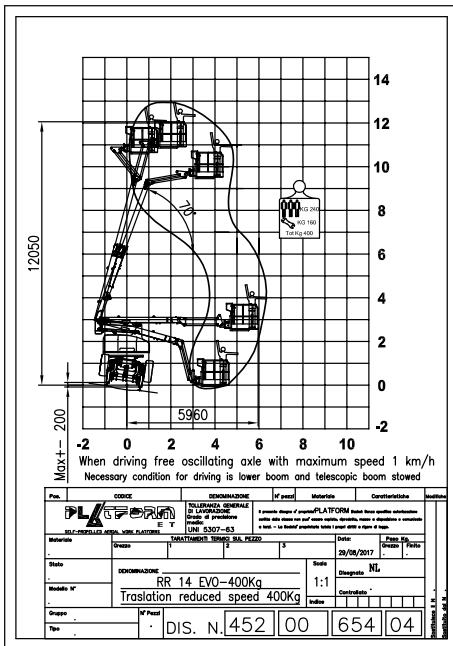
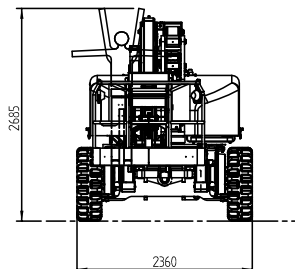
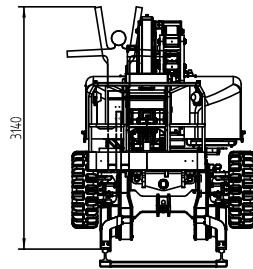
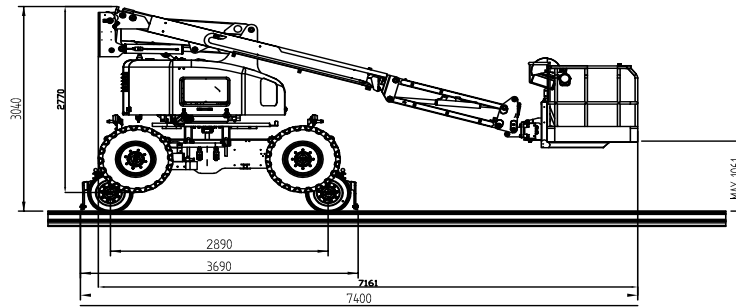
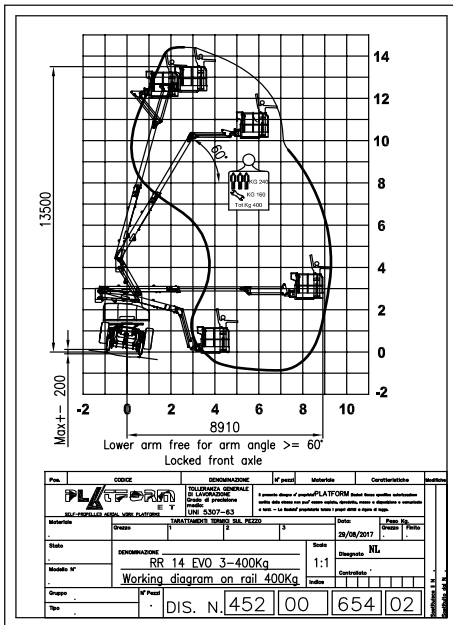
Max working height	rail 14.4 m (tyres 14.10 m)
Max working height in narrow set	N/A
Max horizontal outreach	rail 9.3 m (tyres 10.20 m)
Max SWL	3 persons / 400 kg
Weight (approx)	13,400 kg
Turret rotation	400 °
Basket rotation	180 °
Ground pressure driving (approx)	kN/m <sup>2</sup>
Traffic load (live 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.



SEE THE RR14 EVO  
IN ACTION



(Diagrams relate to Std Gauge 1435mm rail).