

# 814 G-SERIES

## TYRE CHANGER

The 814 G-Series tyre changer is one of the most advanced tyre changers on the market. Taking everything that made its predecessors so well loved by the tyre industry and building on it, the 814 G-Series introduces another exceptional design feature into its high-end specification; patented Par-Move parallelogram technology.



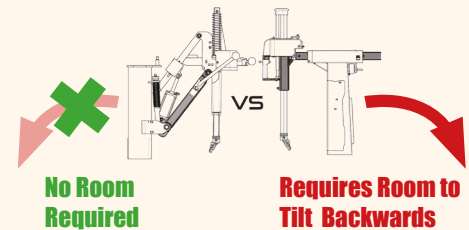
The 814 G-Series features a fixed, cylindrical turret made from heavy duty gauge steel, mounted on a re-enforced chassis, giving more precision and eliminating the movement introduced in traditional tilt-back machines. The automatic operation and performance of a tilt-back model is provided through the ingenious parallelogram movement of a 'Par-Move' articulated arm, which gives both 'up' and 'away' clearance from the rim at the press of a button. New for 2025 is the Dual Force bead breaker, which gives the user the option to use a rocker-pedal located in the traditional position, or a thumb control in order to operate the bead breaker, giving full control of the shovel. The movement can be stopped and started at any position, unlike the traditional piston-type bead breaker which is forced to travel fully in and out.

Other notable features include the patented QuadraClamp 4 cylinder turntable and brand new 'IntelliPro' dual assist arm system which provides the simplest, most effective, and most ergonomic twin-assist arm design available on a Luxus machine. Add the optional leverless operation for the ultimate tyre changing system.

LEVERLESS  
'EVO' VERSION  
ALSO  
AVAILABLE

The Luxus 814 G-Series is supplied as standard with a quick release system for demount heads. It can also be supplied with a quick release Evo kit, a standard demount head, or with a permanent Evo conversion.

### Par-Move vs Traditional Tilt Arm Machine



## Specifications

Power Supply	Single-phase, 2 Speed, or 3Ph, 1 or 2 Speed
Operating pressure:	8-10 bar Air-feed set at 10 bar (145 psi) Inflating pressure set at 3,5 bar (50 psi)
Rim clamping (outside):	10" to 26"
Rim clamping (inside):	12" to 30"
Max. tyre width:	16" (406 mm)
Max. tyre diameter:	47" (1200 mm)
Motor power:	0.75 Kw
Maximum torque:	1200 Nm
Clockwise rotation spd:	8-16 rpm
Working noise level:	< 70 dB
Cylinder force at 10 bar:	30800 N (3140 kg)
Max bead breaking range:	390 mm (15")

