

BOXER[®]

The power package
for rims of up to 58" diameter



Truck Tyre Changer

The power package for heavy-duty truck and commercial vehicle wheels

This power package can be used to change tyres on rims of 4" to 58" outside diameter. Thanks to this extremely vast clamping range the machine is ideally suited to handle the most diverse tyre/wheel assemblies.

- The high bead breaking force of up to 3.8 t considerably facilitates handling of tightly fitting tyre/wheel assemblies.
- Specially designed jaws can accommodate flanges up to 40 mm thick.
- Long jaws make sure that rims with high offset can be accommodated.
- The chuck axle can be lowered to as much as 350 mm from the carriage – a feature that is very useful to handle rims without tyre.
- Positioning and rotation of the mounting tool are controlled independently, which saves operating steps and time.
- The tool support can be adjusted hydraulically to three angular locations.
- This power package is of specially rugged design for long life.

KING 58B – Basic version

- Each one hydraulic cylinder actuates the bottom and top carriages. Whilst the top carriage is used for quick advance of the mounting tool, the bottom carriage advances slowly, but exerting a high bead breaking force of up to 3.8 t which is particularly useful when it comes to handling tightly fitting tyre / wheel assemblies. The combination of both systems ensures a very quick and time-saving side-to-side movement.
- Tyre/wheel assemblies of a large variety of diameters can be handled under optimum conditions because the tool support can be adjusted in both angular position and length, hence can always be adjusted to an optimum position relative to the wheel centre.
- Chuck speed can be chosen at 4 or 8 rpm. Slow speed allows thorough monitoring of critical operations during the mounting and demounting procedures (e.g. to make sure the tyre is properly positioned in the drop centre of the rim, or whether the point of traction passes properly over the rim flange protection, etc.), whereas quick speed allows quick mounting / demounting in uncritical phases.
- The following details ensure universal use:
 - Clamping range of rim of 4" to 58" (no need of extensions)
 - Max. wheel diameter 2.5 m
 - Max. wheel weight 2000 kg
 - Max. wheel width 1.50 m

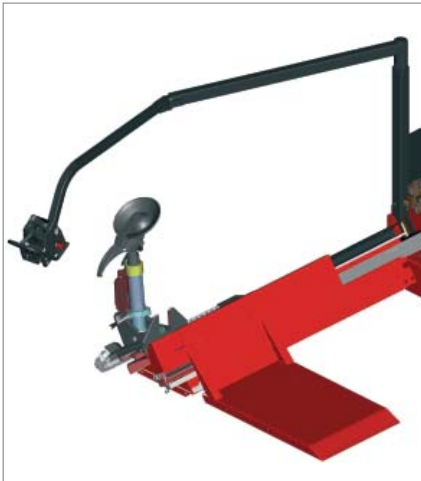


Versatile
To clamp rims of 4" – 58" without any accessories.

Flexible
The mounting tool is adjustable by 180 deg. irrespective of arm position.



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KING 58WL – Radio controlled version

The following additional features make this radio controlled tyre changer a top-of-the-line machine:

- This machine is remotely controlled so the operator can choose the best possible location to have everything under control and within view – and all this without any embarrassing cables.
- The mounting tool is moved automatically to the second wheel side by simple key operation. All operations such as raising of tool, rotation of tool head, advance and lowering of tool are carried out automatically.
- There is the possibility to preset travel which saves time.
- If the tyre changer is not used, it will switch off automatically. This mode will extend the life of hydraulic motor and hydraulic oil and most of all save energy.

KING 58BA – Boom version

The following additional features make this machine even more interesting for your garage:

- The control console is positioned on a swing arm of the machine. Consequently the tyre changing procedure is always under control and within view of the operator and there is no safety risk through the connecting cable.



Precise

The tool support can be adjusted in three angular locations.

Powerful

The special design with adjustable studs ensures long life of the chuck arm hinge.



Accessories and technical data

Accessories



Short tyre lever



Long tyre lever



Bead pushing lever



Clamp for steel rims

Optional extras



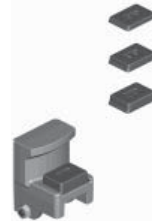
OTR extension for spit-ring rims
C4007611



Mounting roll for tubeless tyres
C4022287



Skidder clamp
C4003269



Additional clamping jaws for alloy rims (4 each)
C4030013



Clamp for alloy rims
C4021852

Technical data and dimensions

Max. wheel width	inch/mm	59/1500
Max. wheel diameter	inch/mm	95/2500
Max. wheel weight	kg	2000
Rim clamping range	inch	4 – 58
Bead breaking force	kN	38
Chuck speed	rpm	4 oder 8
Chuck motor rating	kW	2.2 – 3.0
Hydraulic motor rating	kW	1.5
Max. dimensions (H x W x D) approx.	mm	2000 x 2100 x 2960 (chuck fully opened, tool carriage in utmost position)
Weight	kg	1400
Power supply	V	230 / 400 3 ph 50 Hz