

**BOXER**<sup>®</sup>



**HEAVY  
DUTY**  
Systems

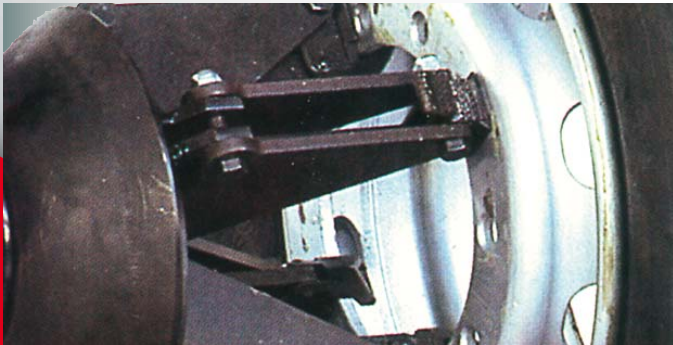
# KEY FEATURES



Adaptor assembly (220 – 280 mm Ø)



Control console



**Chuck**  
The chuck is of solid design to accommodate wheels of up to 1000 kg. A non-return valve prevents the chuck from opening in case of a sudden hydraulic pressure drop.



**Bead breaker**  
The bead breaker disc is equipped with a special tilting system in order to increase bead breaking effort and to make sure the bead breaking disc is always in optimum position relative to the rim.



**Extremely vast clamping range**  
Clamping range of 14" – 58" without extensions – long jaws accommodate rims of high offset (for King 58 series).



**Mounting tool**  
The tool can rotate irrespectively of arm position.



Adjustable tool support.



**Special design**  
Adjustable studs ensure long life of the chuck arm hinge.

## TRUCK TYRE CHANGER

### For steel and alloy truck wheels

- The compact tyre changer for rims of 16 – 22.5": ideal for forwarding agencies, municipal truck fleets and mobile service trucks for mounting and demounting of tubeless truck and light-truck tyres
- Access ramp for easy loading of the tyre changer
- Two rollers for bead breaking and tyre changing speed up operation. Both the inner and outer beads are demounted in a single process without need for readjustment of the mounting tool
- Demounting tool included in standard equipment
- The roller reduces the cycle time with new tyres
- The tool allows gentle handling of retreaded tyres
- Easy control with integrated control unit
- Clamping of wheel through the centre hole with cone/ adaptor assembly
- Special adaptor backplate prevents slipping of wheel

Truck Tyre Changers	KING 100TR
Rim clamping range	16 – 22.5 inch
Max. wheel width	19.5" / 500 inch/mm
Max. wheel diameter	47 / 1200 inch/mm
Max. wheel weight	200 kg
Bead braking force	18 kN
Chuck speed	4 UpM
Chuck motor rating	0.75 kW
Hydraulic motor rating	0.75 kW
Dimensions (WxDxH) approx.	1270x1290x1100 mm
Weight	330 kg
Power supply	400 V 3ph 50 Hz



# KING 2600

## ELECTRO HYDRAULIC TRUCK TYRE CHANGER

### For productivity and easy to use

- The compact tyre changer for rims of 14 - 26": ideal for tyre shops for mounting and demounting of tubed and tubeless truck and bus tyres on drop-centre and split-ring rims
- Electro-hydraulic drive
- Mobile control unit
- Positioning of wheel and tool within a wide accurate adjustment range
- Infinitely self-centring universal hydraulic chuck
- Bead breaker roll and mounting/ demounting tool fitted on swing arm
- Safety valve on chuck prevents accidental unclamping of wheels

Truck Tyre Changers	KING 2600
Rim clamping range	14 – 26 inch
Max. wheel width	27.5 / 700 inch/mm
Max. wheel diameter	59 / 1500 inch/mm
Max. wheel weight	1000 kg
Bead braking force	27 kN
Chuck speed	7 UpM
Chuck motor rating	1.8 kW
Hydraulic motor rating	1.5 kW
Dimensions (WxDxH) approx.	1670x1400x840 mm
Weight	550 kg
Power supply	400 V 3ph 50 Hz



# KING 5610

## MEDIUM DUTY TRUCK TYRE CHANGER

Designed for professional tyre shops

- The compact tyre changer with double reinforced frame for rims of 12 – 32": ideal for tyre shops for mounting and demounting truck, bus, agricultural vehicle and earthmover tyres
- Rugged chuck design

- Mobile control unit with switch to control two operations simultaneously
- 2 Chuck speeds, preset via switch
- Quick fit aluminium protectors to avoid rim damaging
- Quick lock/unlock system allows faster tool rotation

Truck Tyre Changers	KING 5610
Rim clamping range	14 – 32 inch
Rim clamping range incl. extensions	32 - 56 inch
Max. wheel width	32"/800 inch/mm
Max. wheel diameter	92.56 /2350 inch/mm
Max. wheel weight	1500 kg
Bead braking force	33 kN
Chuck speed	4/8 UpM
Chuck motor rating	1.3 - 18 kW
Hydraulic motor rating	1.5 kW
Dimensions (W x D x H) approx.	1800x2000x930 mm
Weight	761 kg
Power supply	400 V 3ph 50 Hz



# KING 5610R

## ROBOTIC MEDIUM DUTY TYRE CHANGER

Designed for professional tyre shops

- The compact tyre changer with double reinforced frame and hydraulic control, for rims of 12 – 32": ideal for tyre shops for mounting and demounting truck, bus, agricultural vehicle and earthmover tyres
- Hydraulically controlled tool holder and chuck arm
- Automatically rotating tool

- Control panel mounted on a swing for more comfortable operations
- Hydraulic sidewise movement of the toolholder arm for faster operation
- Quick fit aluminium protectors to avoid rim damaging

Truck Tyre Changers	KING 5610R
Rim clamping range	14 – 32 inch
Rim clamping range incl. extensions	32 - 56 inch
Max. wheel width	43/1100 inch/mm
Max. wheel diameter	92.56 /2350 inch/mm
Max. wheel weight	1500 kg
Bead braking force	33 kN
Chuck speed	4/8 UpM
Chuck motor rating	1.3 - 18 kW
Hydraulic motor rating	1.5 kW
Dimensions (W x D x H) approx.	1800x2000x930 mm
Weight	897 kg
Power supply	400 V 3ph 50 Hz



## HEAVY DUTY TYRE CHANGER

Designed for intensive professional using

- The compact tyre changer, for rims of 14 – 44": ideal for tyre shops for mounting and demounting truck, bus, agricultural vehicle and earthmover tyres
- Patented bead breaker disc for increased bead breaker effort
- Massive chuck construction allows intensive use.
- Exclusive tilting jaws ensures accurate wheel clamping.
- Eight position switch allows operation of two controls simultaneously.

Truck Tyre Changers	KING 5600
Rim clamping range	14 - 44 inch
Rim clamping range incl. extensions	44 - 56 inch
Max. wheel width	43/1100 inch/mm
Max. wheel diameter	90"1/2 /2300 inch/mm
Max. wheel weight	1500 kg
Bead braking force	33 kN
Chuck speed	4/8 UpM
Chuck motor rating	1.5 - 2.2 kW
Hydraulic motor rating	1.5 kW
Dimensions (WxDxH) approx.	1800x2000x930 mm
Weight	945 kg
Power supply	400 V 3ph 50 Hz



# KING 58B - BA - WL

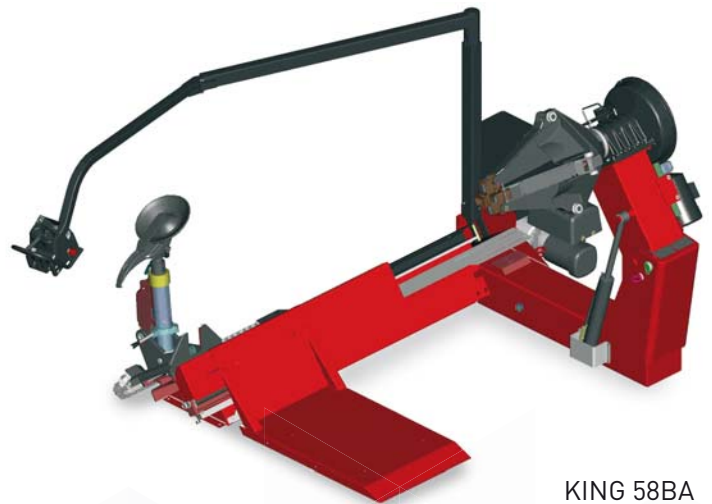
## HEAVY DUTY TYRE CHANGER

Designed to handle the tough OTR and Skidder wheels

- The tyre changer for rims of 14 – 58", for wheels up to 2000 kg, 1.5 m wheel width and 2.5 m wheel diameter: ideal for tyre shops for mounting and demounting heavy-duty truck and commercial vehicle tyres
- High bead breaking force of up to 3.8 t, even for tightly fitting tyre/wheel assemblies
- Lowering of chuck to 350 mm to facilitate accommodation of rims of small diameter
- Control console with switch for simultaneous control of two functions
- 2 Chuck speeds of 4 or 8 rpm to be preset by switch. Slow speed allows thorough monitoring of critical operations, whereas quick speed allows quick mounting/demounting in uncritical phases
- Connecting cable between machine and control unit
- Control unit ergonomically fitted on swing arm, no disturbing cables (only for KING 58BA)
- Bluetooth operation (only for KING 58WL)
- Automatic operation of mounting tool and preset tool carriage travel (only for KING 58WL)
- Automatic switching off extends the life of hydraulic motor and hydraulic oil and most of all saves energy. (only for KING 58WL)



KING 58B



KING 58BA

Truck Tyre Changers	KING 58B - BA - WL
Rim clamping range	14 – 58 inch
Max. wheel width	59/1500 inch/mm
Max. wheel diameter	98" 1/2 /2500 inch/mm
Max. wheel weight	2000 kg
Bead braking force	33 kN
Chuck speed	4/8 UpM
Chuck motor rating	2.2 - 3 kW
Hydraulic motor rating	2.2 kW
Dimensions (WxDxH) approx.	2680x2000x880 mm (for model BA h = 1495 mm)
Weight	1450 kg
Power supply	400 V 3ph 50 Hz



KING 58WL

# DIGITAL HEAVY DUTY TRUCK WHEEL BALANCER

## For professional truck wheels balancing

- The S3300 is an easy-to-operate motorised truck wheel balancer with pneumatic loading device and low space requirement. Consequently it is particularly suited for workshops and tyre shops handle heavy truck wheels
- The S3300 comes standard with TRUCK STANDARD clamping kit, truck rim width callipers, a full wheel guard and the pneumatic loading device to facilitate clamping of heavy truck wheels. The loading device has ample storage space for cones, centring stars, wing nut, etc.
- VPI technique: measurement system for high precision and repeatability
- Semi-automatic input of rim diameter and offset with gauge arm
- 5 alloy modes
- Stop the wheel with the inner side in balancing position.
- Stop button to lock the wheel in position during the weight application

Wheel Balancers	S 3300
Power supply	230 V 1ph 50/60 Hz
Range of centring cone diameter	Light-truck: 120-174 mm Truck: 19 -225/ 270-286,5 mm
Diameter of shaft	40 mm
Measuring speed	< 100 rpm
Accuracy	1 g
Rim width (dynamic balancing)	2-20 inch
Rim diameter	Up to 30" manual input.
Max. wheel width	650 mm
Max. wheel diameter	1300 mm
Max. wheel weight	250 kg
Kind of data entry for distance, diameter	semi-automatic via gauge arm
Kind of data entry for width	manual
Dimensions W x D x H	1345 x1455 x2005 mm
Weight	255 kg



# HEAVY DUTY SYSTEMS



## ACCESSORIES

	King 100TR	King 2600	King 5610	King 5610R	King 5600	King 58 B	King 58 BA	King 58 WL	S3300
Short tyre lever	Standard	Option	Standard	Standard	Standard	Standard	Standard	Standard	
Long tyre lever	Option	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Adaptor (202 mm)	Option								
Adaptor (176 mm)	Option								
Cone (Ø 135 – 167 mm)	Option								
Adaptor assembly (Ø 220 – 280 mm)	Standard								
Star flange small (Ø 164 mm)	Option								
Bead pushing lever			Standard	Standard	Standard	Standard	Standard	Standard	
Mounting clamp	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Clamp for light alloy rims	Option	Option	Option	Option	Option	Option			
Kit for split-ring rims	Option								
OTR clamp for split-ring rims		Option	Option	Option	Option	Option			
Alloy rim adaptors (280 mm)					Option				
Alloy rim adaptors (220 - 280 mm)					Option				
Alloy rim adaptors		Standard	Standard	Standard		Option	Option	Option	
Tubeless roll	Standard	Option	Option	Option	Option	Option			
Extensions 32" – 56"			Option	Option					
Extensions 44" – 56"					Option				
Ring nut 46 x 6	Standard								
Truck Professional clamping kit									Option
5-Arm centring star									Option
3-Arm centring star									Option
Truck bolt for Alcoa rims, for use on 4- or 5-arm star									Option

## BOXER<sup>®</sup>

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