

TIRE CHANGER • TILT-BACK

BD15

Leverless Table-Top Tire Changer

Side-swing or vertical-lifting column structure

Rim Range 13-28"

Rim Width 350 mm

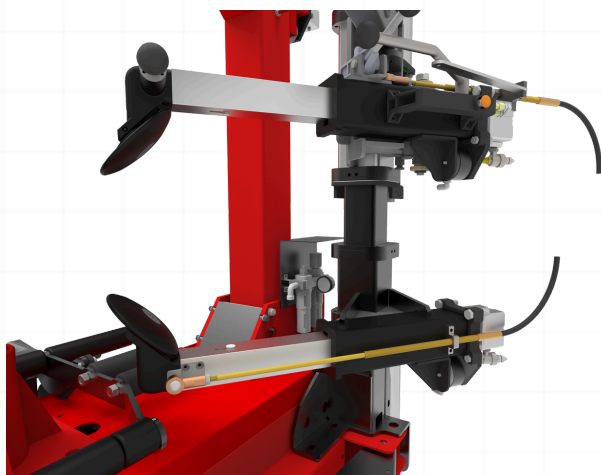
Max. Wheel Diameter 1080 mm

Powers 0.75 / 1.1 kW



Synchronized double-disc structure

Coordinated support and controlled pressure for a faster, more predictable tyre service sequence.



Controlled movement from both sides

— COSENG · BD15

The upper and lower discs operate as a synchronized pair while the pressure disc and support tray remain functionally independent. This coordinated arrangement supports the tyre from below and applies pressure from above, giving the operator controlled bead movement and a more efficient mounting and demounting sequence.

What sets the BD15 apart



Automatic demount head

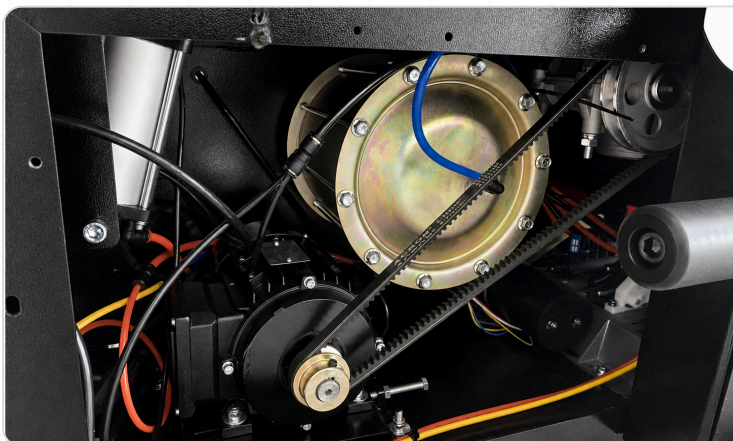
The automatic tilting head moves smoothly into the working position, while the extended demount hook reaches securely beneath the bead. This gives the operator controlled leverage through mounting and demounting, reducing manual handling and helping each step progress quickly and predictably.

— COSENG · BD15

Reversing switch

Clearly marked, hand-level switches put directional control within immediate reach of the operator. Movements can be reversed directly from the working position, making adjustments more intuitive and helping the operator maintain an efficient, uninterrupted workflow.

— COSENG · BD15



High-performance integrated motor

The integrated motor adjusts its output in real time according to the working load. Power is delivered when resistance increases and reduced when demand is lighter, combining responsive performance with more efficient energy use throughout the service cycle.

— COSENG · BD15

Control, repeatability & precision

Designed to reduce repeated setup, maintain stable working positions and give the operator precise control throughout the service cycle.



Durable integrated structure

A solid, integrated working structure increases rigidity where operating forces are concentrated. The reinforced assembly helps maintain stable tool positioning under load, supports consistent operation and is engineered for dependable service over a long working life.

— COSENG · BD15

One-key return

After the working position has been set, a single control returns the mechanism to its preset point. This reduces repeated manual repositioning, speeds up consecutive jobs and makes consistent setup easier when processing similar wheels.

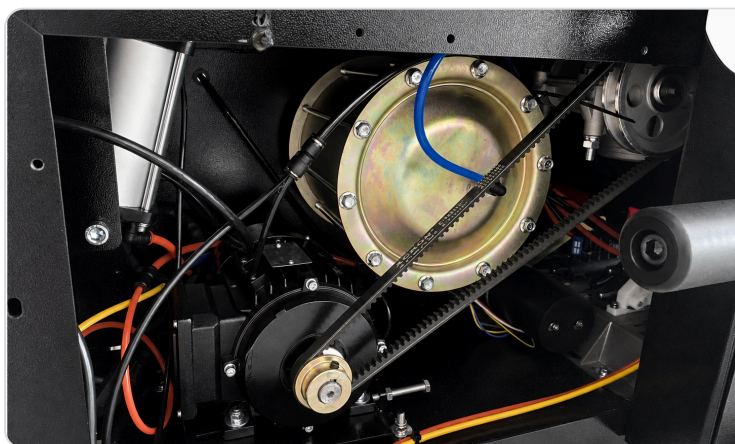
— COSENG · BD15



Precision servo motor

The servo drive combines high-precision position control with stepless speed adjustment from zero to maximum. Operators can use slower, measured movement for sensitive tyre and rim work, then increase speed when conditions allow for a faster operating cycle.

— COSENG · BD15



Components & build detail

Key components and assemblies of the BD15.



Center-post worktable



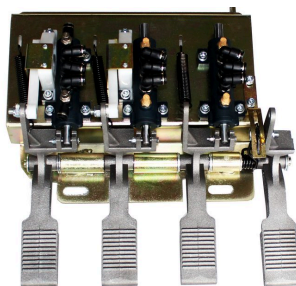
Front foot pedals



Tire support rack



Air lubricator



Foot pedals



Mounting head & slide arm



Auxiliary arm



Auxiliary arm controls

BD15 specifications

Rim Range	13-28''	Operation Speed	6/12 rpm (380V)
Rim Width	350 mm	Powers	0.75 / 1.1 kW
Max. Wheel Diameter	1080 mm	N./G. Weight	368 / 430 kg
Work Pressure	8-10 bar	Machine-Space DIM	1800 × 1800 × 2200 mm
Voltages	220V / 380V	Packing DIM	1380 × 1130 × 1840 mm
Tire Lift Max Loading	75 kg	Max QTY In Container	8 pcs (20'') & 16 pcs (40'')
Noise	<70 dB		

Tire Presser

Plastic Crowbar

Caliper

Universal Fixture Adaptor

Cone

Bird's Head Gasket

Tire Shovel Sleeve

1998

FOUNDED · HK-OWNED

60+

EXPORT COUNTRIES

CE-ISO

9001:2015 CERTIFIED

OEM

ODM AVAILABLE

Request a quotation for the BD15

carson@coseng.com.cn · +86 137 2785 7065 · No. 6 Shuanglin East Road, Jinwan District, Zhuhai, China

