

monty[®] 8300 smartSpeed

HIGH-VOLUME
TYRE CHANGER

No rim damage.
High productivity.
Innovative centre
clamp.



HOFMANN[®]



Tyre Changer



CENTRE-CLAMP DESIGN

Extremely gentle clamping of the wheels.



AUTOMATIC LOCKING

Fast and effortless clamping of both steel and alloy rims.



PNEUMATIC WHEEL LIFT

Positioned in front of the bead breaker. The wheel is loaded on the roller board of the lift for bead breaking and moved to the centre clamp directly thereafter – highly productive and ergonomic.

CENTRE CLAMP

Extreme wheel assembly care. Benefits with respect to turntable tyre changers: no restrictions by clamping jaw maximum opening, faster clamping of UHP and run-flat wheels, and no bead assist device necessary to insert the jaws between tyre bead and rim.

AUTOMATIC LOCKING

Ensures fast, effortless and safe clamping of the wheel.

smartSPEED

Automatic speed control by inverter maximises rotation speed depending on the torque applied – always the highest possible speed for higher productivity. First speed (7 rpm) is used to perform critical operations. Second speed automatically provides the highest speed at the torque required (7 rpm – 18 rpm).

PNEUMATIC WHEEL LIFT

The pneumatic pedal-operated wheel lift minimises technician's fatigue, the roller board ensures ergonomic bead breaking operation and reduces handling time.

PNEUMATIC BEAD ASSIST

Fast, safe and easy handling of UHP and run-flat tyres. The bead assist is provided on a lateral tower and includes the bead press tool and the 1 h upper / lower discs on all configurations. The bead assist has no bead breaker function.





FEATURES

- Centre-clamp design. Faster and damage-free clamping of UHP and run-flat wheels.
- High productivity. Automatic wheel locking.
- smartSpeed automatic speed control technology maximises rotation speed according to the torque applied.
- Ergonomic wheel lift
- Tyre types: Passenger cars, SUV, caravan, light truck
- Clamping technology: Electromechanical with automatic wheel locking



PNEUMATIC BEAD ASSIST

The upper disc facilitates insertion of the tyre lever and mounting of the tyre. The lower disc helps raising the tyre and demounting the lower bead.



MOUNTING HEAD & BEAD BREAKER

Designed to what technicians are accustomed to – easy to handle and time saving.



BEAD BREAKER BLADE

The new design performs well with the current tyre sizes.








TYRE LIFTING TOOL

This hook is integrated in the bead press tool to easily lift heavy tyres during demounting and increase productivity.

Options, configurations and technical data

OPTIONAL EXTRAS

	EAK0317G17A	Wheel lift for monty 8300s and 8300g smartSpeed (standard on monty 8300p smartSpeed)		4028228	Quick exchange tool kit (includes plastic mounting head)
	4030486	Light-truck wheel kit		4028629	+4" quick exchange device (includes steel mounting head), increases range to 16" – 30"
	4031245	Reverse mounted wheel kit		4025966	Bead pressing roller for mounting head
	EAA0410G88A	Closed-centre rim kit		4003444	Bead depressor
	EAA0410G89A	Threaded shaft for closed centre rim kit			

CONFIGURATIONS

	monty 8300s smartSpeed	monty 8300g smartSpeed	monty 8300p smartSpeed
Wheel lift	option	option	standard
Top-side bead seating and inflating kit	–	standard	standard
Pneumatic bead assist	standard	standard	standard
Additional roller at 3 o'clock	option	standard	standard
Certified by wdk	no – retrofit possible	standard	standard

TECHNICAL DATA

	monty 8300 smartSpeed
Max. wheel diameter	44" (1.120 mm)
Max. wheel width (normal rim)	15" (381 mm)
Mounting head range (rim diameter)	12" – 26"
Rotation speed	CCW 7 rpm CW – smartSpeed self-adjustable 7 to 18 rpm
Speed control	Inverter
Max. torque	1.200 Nm
Bead breaking force	12 kN (2.700 lbs)
Wheel lift capability	70 kg
Lift platform height	30 mm with roller board
Roller board on lift	Standard (removable)
Machine max. dimensions	1.850 x 1.960 x 2.270 mm
Net weight	485 kg
Standard power supply	230V 1ph 50–60Hz 16A
Air pressure allowed	8 to 12 bar
Temperature range	0° – 50°C

EMEA-JA

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