

monty[®]

3650/3850/4400/R

The powerful tyre changers
for truck, bus, agricultural vehicle
tyres and earth- moving machines



HOFMANN[®]



monty 3650

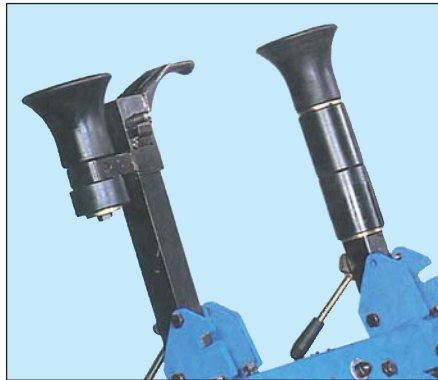
For transport companies, forwarders, municipal truck fleets and mobile service trucks, suitable for tubeless truck and light-truck tyres

Strong technology in compact size

- Access ramp for easy loading of the tyre changer
- Two rollers for bead breaking and tyre changing allow quick 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 rollers allow gentle handling of retreaded tyres
- Easy control with integrated control unit
- Clamping of wheel trough the centre hole with cone/adapter assembly
- Special adapter backplate prevents slipping of wheel during mounting process
- **Compact size makes it ideally suited for mobile service trucks**

Extent of delivery

- Adapter assembly incl. Wing nut
- Bead clamp
- Tyre lever



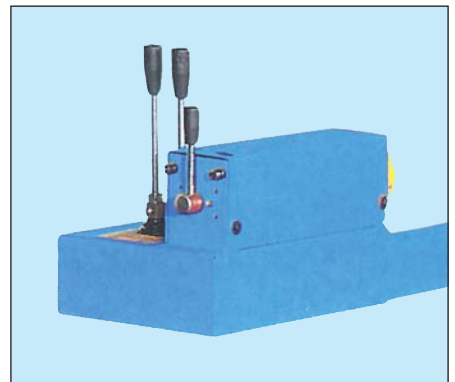
Accurate and gentle



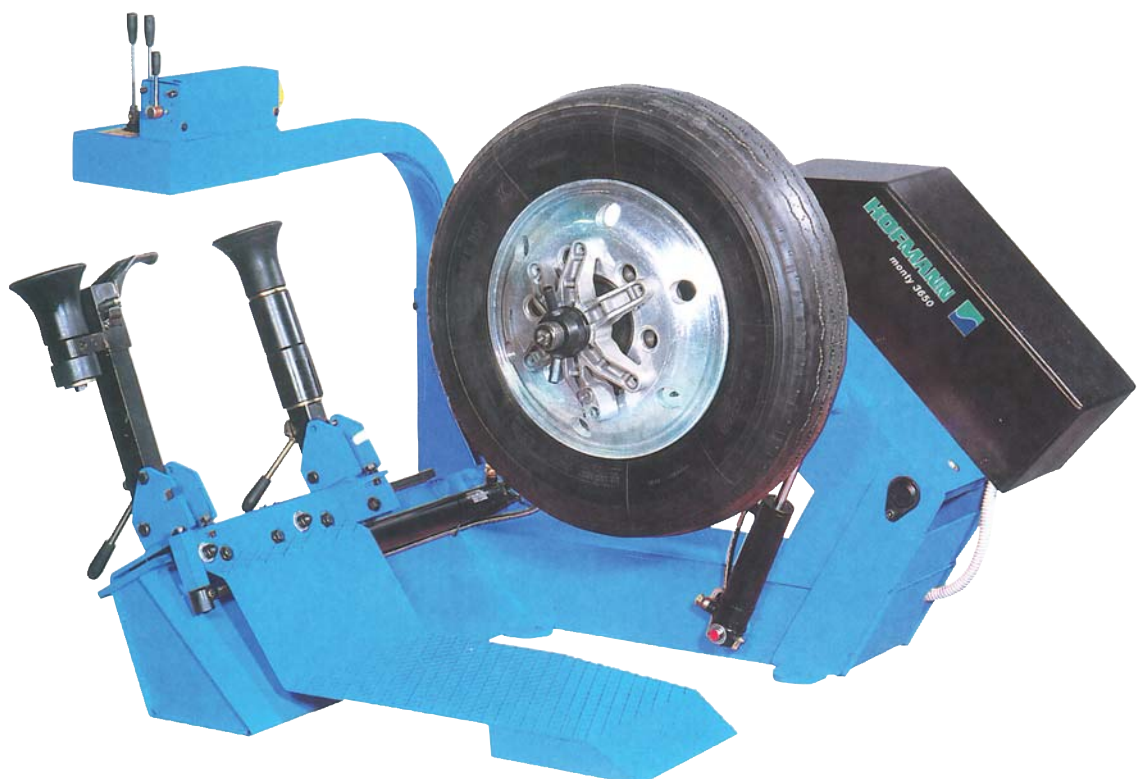
The bead clamp, a strong helper



Adapter assembly (220 – 280 mm Ø)



Control console

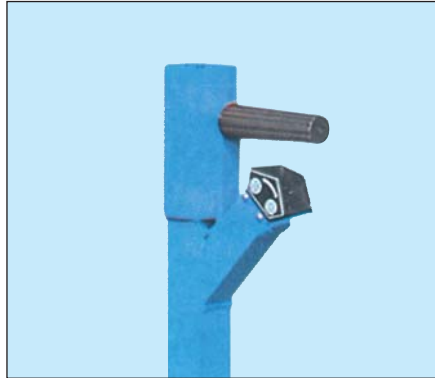


monty 3850

For tyre shops to handle tubed and tubeless truck and bus tyres

Strong technology in compact size

- 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
- Handles drop center-/and springing type rims



Control console



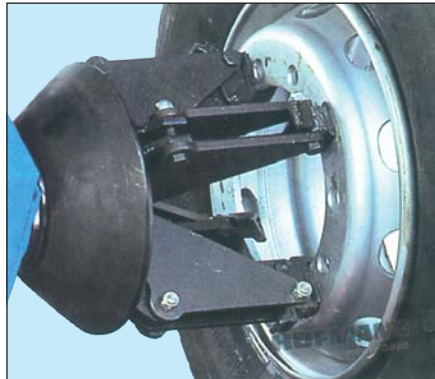
The bead clamp, a strong helper

Extent of delivery

- Universal mounting/demounting tool
- Bead clamp
- Tyre lever
- Clamping jaws for 22.5" alloy rims

Optional extras / Accessories

- Bead clamp for alloy rims
- Additional jaws for alloy rims



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



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.



monty 4400/4400R

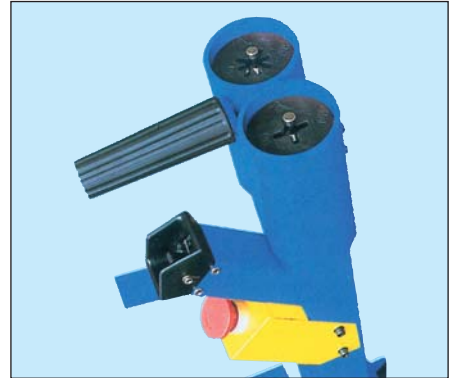
For tyre shops to handle tubed/tubeless truck, bus, agricultural vehicle and earth moving machine tyres

Strong technology in compact size

- Rugged chuck design
- Double reinforced frame allowing to handle wheels of up to 1500 kg
- Unique patented bead breaker disc for easier operation
- Control unit with switch to control two operations simultaneously
- 2 Chuck speeds, preset with a switch
- Vast range of standard accessories
- Handles drop center-/and springing type rims



Control unit of monty 4400



Control unit of monty 4400R

Additional features of monty 4400R

- Hydraulically controlled lifting and lowering of the mounting arm
- Hydraulically controlled rotation of the mounting tool
- Both operations controlled via switch to improve cycle times



Extent of delivery

- Tyre lever long
- Tyre lever short
- Bead clamp
- Fitting aid

The chuck is of solid design to handle wheels up to 1500 kg. A non-return valve prevents the chuck from opening in case of a sudden hydraulic pressure drop.

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

Optional extras / Accessories

- Clamping range extension for wheels of 44 – 56"
- Mounting roll for tubeless tyres
- Set of additional clamping jaws for alloy wheels with 280 mm centre hole diameter
- Set of additional clamping jaws for alloy wheels with 220 – 280 mm centre hole diameter
- Clamp for alloy rims
- OTR extension for split ring rims

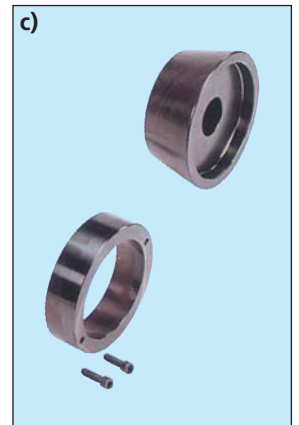
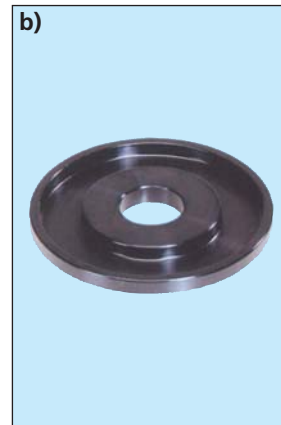


monty 3650/3850/4400/4400R

Overview of recommended accessories

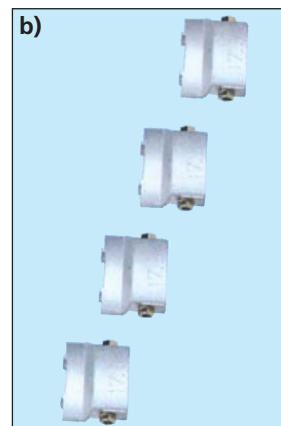
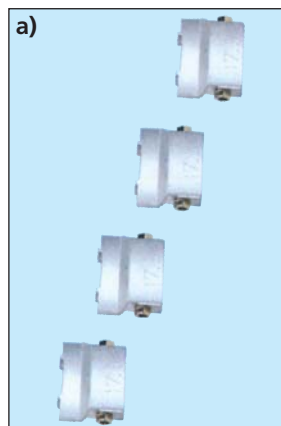
monty 3650

- a) Bead-clamp for alloy rims
- b) Adaptor Ø 176 mm
- c) Adaptor Ø 135 – 167 mm



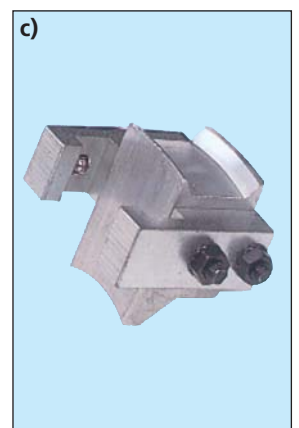
monty 3850

- a) Clamping jaws for 17.5" alloy rims
- b) Clamping jaws for 19.5" alloy rims
- c) Bead-clamp for alloy rims



monty 4400/4400R

- a) Bead-clamp for alloy rims
- b) Additional jaws 280 mm for alloy rims
- c) Additional jaws 220 – 288 mm for alloy rims



monty 3850/4400/4400R

- a) Fitting rolltool for tubeless tyres



Quality counts

- Certified in line with ISO 9001:2000



monty 3650/3850/4400/4400R

Technical data and features

Technical data and dimensions		3650	3850	4400	4400R
Rim clamping range	inch	16 – 22.5	14 – 26	14 – 44	14 – 44
Rim clamping range incl. extension*	inch			44 – 56	44 – 56
Max. wheel width	inch/mm	20 / 500	27.5 / 700	43 / 1100	55 / 1400
Max. wheel diameter	inch/mm	47 / 1200	59 / 1500	90.5 / 2300	94.5 / 2400
Bead breaking effort	kN		27	33	33
Chuck speed	UpM		7.34	4 / 8	4 / 8
Chuck motor rating	kW	0.75	1.8	1.5 – 2.2	2 – 3
Hydraulic motor rating	kW	0.75	1.5	1.5	1.5
Max. wheel weight	kg	200	1000	1500	1500
Dimensions (HxWxD) approx.	mm	1100x1450x1370	1400x1660x1460	1600x1710x1940	1620x2820x1940
Weight	kg	330	550	945	1035
Power supply		220 – 415 VAC / 3 Ph, 50 – 60 Hz / 1.8 kW (2.5 hp)			

Useful optional extras / tools



* Optional clamping range extension for monty 4400/R



Bead clamp for steel rims



Tyre lever, long

Snap-on® Equipment

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