

monty® 3650/3850/4250/4400



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

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



Strong technology in compact size

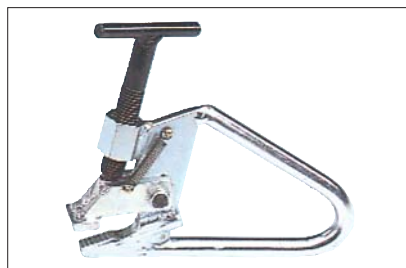
- Access ramp for easy loading of the tyre changer
 - Two rollers for bead breaking and tyre changing allow quick operation. Both the inner and outer beads are demounted in a single process without need for readjustment of the mounting tool
 - Demounting tool included in standard equipment
 - The rollers allow gentle handling of retreaded tyres
 - Easy control with integrated control unit
 - Clamping of wheel through the centre hole with cone/adaptor assembly
 - Special adapter backplate prevents slipping of wheel during mounting process
- Compact size makes it ideally suited for mobile service truck**



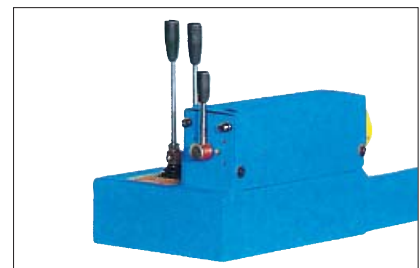
Accurate and gentle



Adaptor assembly (220 – 280 mm Ø)



The bead clamp, a strong aid



Control console

Extent of delivery

- Adaptor assembly including wing nut
- Bead clamp
- Tyre lever

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



Strong technology in compact size

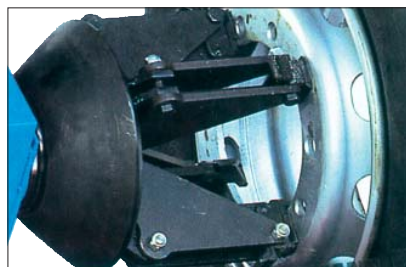
- Electro-hydraulic drive
- Mobile control unit
- Positioning of wheel and tool within a wide accurate adjustment range
- Infinitely self-centring universal hydraulic chuck
- Bead breaker roll and mounting/demounting tool fitted on swing arm
- Safety valve on chuck prevents accidental unclamping of wheels

Optional extras / Accessories

- Bead clamp for alloy rims
- Additional jaws for alloy rims of 17.5" and 19.5" rim diameter

Extent of delivery

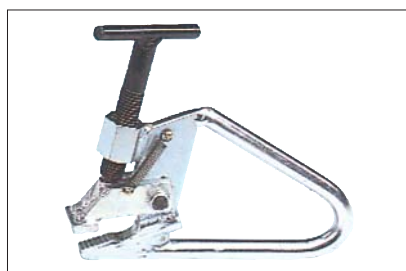
- Universal mounting/demounting tool
- Bead clamp
- Tyre lever
- Clamping jaws for 22.5" alloy rims
- Set of protectors for alloy rims of 22.5" diameter



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.



The bead clamp, a strong aid.



Control console

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

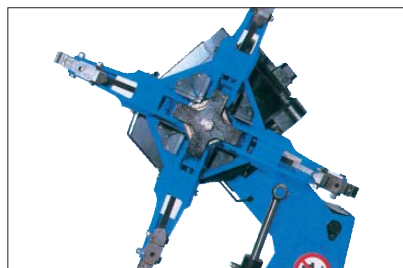


monty 4250 – strong technology in compact size

- Rugged chuck design
- Double reinforced frame allowing to handle wheels of up to 1500 kg
- Clamping range 14"– 32"
- Max. wheel width 43" / 1100 mm
- Max. wheel diameter 92.5" / 2350 mm
- Mobile control unit with switch to control operations simultaneously
- 2 Chuck speeds, preset via switch



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.



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.

monty 4250R

Additional features:

- Hydraulically control tool holder and chuck arm
- Automatically rotating tool
- Mobile control unit fitted on swing arm

Options for monty 4250/R:

- Clamping range extensions for wheels of 32" - 56"
- Mounting roll for tubeless tyres
- OTR extension for split-ring rims

monty 4400

Additional features:

- Patented bead breaker disc for increased bead breaker effort
- Clamping range 14"– 44"
- Max. wheel diameter 90.5"/2300 mm

Options for monty 4400

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

Standard equipment of monty 4250/R and 4400

- Tyre lever long
- Tyre lever short
- Bead clamp
- Bead pushing lever
- Set of protectors for alloy rims of 22.5" diameter – monty 4250/R only

Accessories

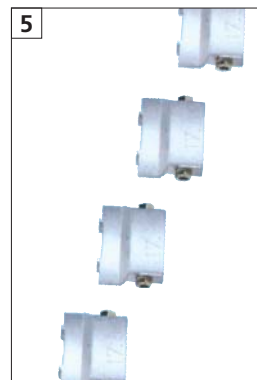
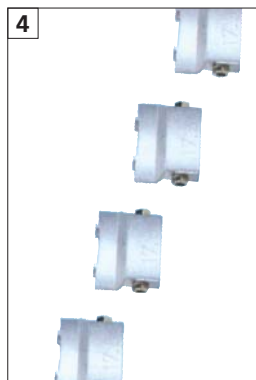
monty 3650

- 1 Bead clamp for alloy rims
- 2 Adaptor Ø 176 mm
- 3 Adaptor Ø 135 – 167 mm



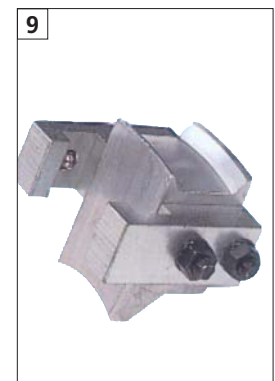
monty 3850

- 4 Clamping jaws for 17.5" alloy rims
- 5 Clamping jaws for 19.5" alloy rims
- 6 Bead clamp for alloy rims



monty 4400

- 7 Bead clamp for alloy rims
- 8 Additional jaws 280 mm for alloy rims
- 9 Additional jaws 220 – 288 mm for alloy rims



monty 3850 / 4400

- 10 Mounting roll for tubeless tyres



monty 4250

- 11 Clamping range extension 32"–56"



monty 4400

- 12 Optional clamping range extension for monty 4400



Technical data and features		monty 3650	monty 3850	monty 4250/R	monty 4400
Rim clamping range	inch	16 – 22.5	14 – 26	14 – 32	14 – 44
Rim clamping range incl. optional extension	inch			32 – 56	44 – 56
Max. wheel width	inch/mm	20 / 500	27.5 / 700	43 / 1100	43 / 1100
Max. wheel diameter	inch/mm	47 / 1200	59 / 1500	92.5 / 2350	90.5 / 2300
Bead breaking effort	kN	18	27	33	33
Chuck speed	Rpm	4	7	4 / 8	4 / 8
Chuck motor rating	kW	0.75	1.8	1.3 – 1.8	1.5 – 2.2
Hydraulic motor rating	kW	0.75	1.5	1.5	1.5
Max. wheel weight	kg	200	1000	1500	1500
Dimensions (W x D x H) approx.	mm	1270x1290x1100	1670x1400x840	2100x2100x1480 R: 2450x2100x1480	2660x1940x850
Weight	kg	330	540	761 R: 897	1032
Power supply		200–415 V 3ph 50/60 Hz		400 V 3ph 50/60 Hz	


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