

# *monty® Tyre Changers*



The new generation  
with wdk certificate

## Tyre changers for small garages and service stations



- The strong and rugged design of all components ensures long life.
  - The special design of the machine post guarantees minimum torsion.
  - Outer clamping range of up to 20"
  - The mounting arm swings to the side so that the machine can be installed in a space-saving way directly near a wall.
  - The double-acting bead breaker cylinder ensures gentle handling of rims.
  - The bead breaker is provided with a large anti-skid rubber pad to preserve tyres and rims.
  - Alloy rims are handled particularly gently as mounting head is provided with plastic protectors. The one-part mounting head can be adjusted vertically and horizontally in spaced-apart position relative to the rim.
  - The self-centring four-jaw turntable controlled by two clamping cylinders ensures that the rim is always correctly clamped.
  - Including oiler, water separator, manual tyre inflator and quick-inflating valve.
- Additional feature of monty 2300**
- The pedal-controlled tilt-back post is locked in working position and manually tilted forwards.
  - With optional easymont pro pneumatic mounting tool

### Bead breaker blade



Owing to its special shape the bead breaker blade handles rims most gently and facilitates operation considerably.

Tyre changers for shops with medium tyre service volume



- Certified by wvk for handling of UHP and run-flat tyres.
- With pneumatic mounting tool easymont pro and plus kit (standard equipment) for handling of UHP and run-flat tyre systems (additional optional adaptors required for PAX and CSR tyres).



- Also available as monty 3300 and monty 3300 2-speed respectively without easymont pro and plus kit (not certified).

- Outer clamping range up to 20", even up to 26" with optional extensions.
- The machines are equipped with a double-acting bead breaking cylinder and an oversize bead breaker blade which prevent damage to rim and tyre.
- Alloy rims are handled particularly gently as the mounting head and the clamping jaws are provided with plastic protectors. The one-part mounting head can be adjusted vertically and horizontally in spaced-apart position relative to the rim.
- The pneumatic tilt-back post and the four ergonomic pedals stand for user-friendly operation.
- Accurate and quick operation is guaranteed owing to the self-centring four-jaw turntable controlled by two clamping cylinders and the exactly locked post.

**Additional feature of the GP versions**

- The pedal-controlled inflating system via air ports in the jaws is an efficient tool for tyre inflation.
- With monty 3300 GP, monty 2-speed and 2-speed GP the tool box keeps tools and valves within easy reach of the operator.

**Additional feature of monty 3300 2-speed**



The pedal-controlled two-speed turntable (3-ph versions only) makes tyre service even quicker. With the pedal-controlled inflation system the tyres are inflated quickly and safely.

The bead breaker arm is infinitely adjustable in two positions, thus guaranteeing an optimum position of the blade relative to the wheel.

## Tyre changers for shops with high tyre service volume



- Certified by wdk for handling of UHP and run-flat tyres.
- With pneumatic mounting tool easymont pro and plus kit (standard equipment) for handling of UHP and run-flat tyre systems (additional optional adaptors required for PAX and CSR tyres).
- The plus kit consists of: plastic bead breaker disc, tyre lever plus, rod with tapered roll, plastic tyre protector, triangular bead pusher, spacers and plastic protector for bead breaker blade, Magic Bead Pusher MBP-6
- Also available as monty 3300 racing without easymont pro and plus kit (not certified).
- With the outer clamping range of up to 24" the machines are designed to handle wheels of large diameter as well. With optional clamping jaws the clamping range can even be extended to 28".
- The machines are equipped with a double-acting bead breaking cylinder and an oversize bead breaker blade which prevent damage to rim and tyre.
- Moreover the bead breaker blade is supported in three joints which ensures gentle bead breaking.
- Alloy rims are handled particularly gently as the mounting head and the clamping jaws are provided with plastic protectors.
- The one-part mounting head can be adjusted vertically and horizontally in spaced-apart position relative to the rim.
- The pneumatic tilt-back post and the four ergonomic pedals stand for user-friendly operation. The bead breaker pedal is provided in ergonomic position relative to the bead breaker arm, avoiding any confusion with other pedals. Moreover the bead breaker arm is infinitely adjustable in two positions, thus guaranteeing an optimum position of the blade relative to the wheel.
- Accurate and quick operation is guaranteed owing to the self-centring four-jaw turntable controlled by two clamping cylinders and the pneumatically locked post.
- The pedal-controlled two-speed turntable (3-ph versions only) makes tyre service even quicker.
- Practical tool box for tools and valves, including an integrated pressure gauge.
- Pedal-controlled inflation system for quick and safe inflation of tyres.

### Additional feature of the GP version



The pedal-controlled inflating system via air ports in the jaws facilitates work considerably.

## Professional tyre changers for wheels up to 30" and for shops with high tyre service volume



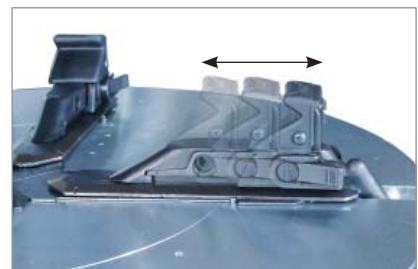
- Certified by wdk for handling of UHP and run-flat tyres.
- With pneumatic mounting tool easymont pro and plus kit (standard equipment) for handling of UHP and run-flat tyre systems (additional optional adaptors required for PAX and CSR tyres).
- The plus kit consists of: plastic bead breaker disc, tyre lever plus, rod with tapered roll, plastic tyre protector, triangular bead pusher, spacers and plastic protector for bead breaker blade, Magic Bead Pusher MBP-6
- Also available as monty 3550 without plus kit (not certified).
- Owing to the large outer clamping range – up to 26" – (up to 30" with optional clamping jaws) the machine is perfectly suited to handle very large wheels.
- The machine is equipped with a double-acting bead breaking cylinder and an oversize bead breaker blade which prevent damage to rim and tyre. Moreover the bead breaker arm is infinitely adjustable in two positions.
- Alloy rims are handled particularly gently as the mounting head and the clamping jaws are provided with plastic protectors. The one-part mounting head can be adjusted vertically and horizontally in spaced-apart position relative to the rim; approach to the rim flange is accomplished pneumatically.
- Accurate and quick operation is guaranteed owing to the self-centring four-jaw turntable controlled by two clamping cylinders and the pneumatically locked post.
- The pedal-controlled two-speed turntable (3-ph versions only) and the roller-supported horizontal arm speed up operation even more.
- Pedal-controlled quick-inflating device for quick and safe tyre inflation.
- Practical tool box for tools and valves, including an integrated pressure gauge.
- Including tyre lever Wave, various plastic protectors and the quick-exchange device.

### Gentle



Special bead breaker blade to preserve tyre and rim

### Flexible



The sliding jaws allow to handle wheels from 12" to 26" (with optional jaws even up to 30").

## Pneumatic mounting tool easymont pro



- The practical pneumatic mounting tool is an indispensable accessory for mounting and demounting tyres which are difficult to handle, such as low profile tyres and run flat tyre systems. It is an optimum complement to a tyre changer.
- The pneumatic mounting tool is extremely rugged and specially suited for hard tyres owing to its strong cylinder.
- Bead breaking with the optional bead breaker disc is done dynamically during rotation of the turntable, thus preserving rim and tyre.
- The tyre bead is pressed into the drop centre of the rim by means of a roller so that the mounting head can be positioned on the rim both easily and gently.
- During the demounting operation the bead pusher presses the upper bead into the drop centre of the rim so that it can be easily levered over the mounting head nose and finally demounted without any effort.
- During the mounting operation of the upper bead the roller retains the bead under the mounting head nose. The practical bead pusher follows rotation of the wheel, doing the otherwise tedious job of the operator, while preserving both tyre and rim.
- The pneumatic mounting tool is an optional extra for tyre changers from monty 2300 up to monty 3300 racing and can be easily fitted by the customer. It is a standard feature of monty 3550 and all plus tyre changers.

### Simple



Gentle demounting with the bead pusher

### Optional



The plastic bead breaker disc is a useful accessory to prevent any damage to the rim

Optional extras – for a systematic up-grade



Mounting head for rims with elevated spokes



Mounting head adaptor



Quick-exchange device including plastic mounting head for rims with elevated spokes



Tyre lever Wave, specially designed for low-profile tyres and run-flat tyres such as DSST, RFT, but not for PAX or CSR. Standard on monty 3300 racing/GP and monty 3550/GP.



+4" clamping jaws to increase outer clamping range for monty 3300 racing/GP and 3550/GP

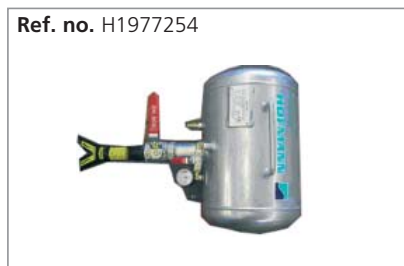


+4" quick-exchange device including steel mounting head for monty 3300 racing/GP and 3550/GP

**Ref. no. 4029446**  
+6" clamping jaws to increase outer clamping range for monty 1270, 2300, 3300 and 3300 2-speed



Mounting head for motorcycle wheels



Tyre booster



Roller board for ergonomic bead breaking



ecolift-2 monty

## Technical data and standard equipment

Technical data		1270	2300	3300 plus/GP	3300 2-speed plus/GP	3300 racing plus/GP	3550 plus
Inner clamping range	inch	12–22	12–22	12–22	12–22	12–24	14–28
Outer clamping range	inch	10–20	10–20	10–20	10–20	10–24	12–26
Rim width	inch	3–12	3–12	3–12	3–12	3–14	3–16
Max tyre width	inch	12	12	12	12	15	17
Max. wheel diameter	mm	1000	1000	1000	1000	1000	1200
Bead breaking range	mm	70–330	40–340	40–340	40–340	40–440	60–305/150–675
Max. opening of bead breaker	mm	330	340	340	340	440	675
Compressed air supply	bar	8–12	8–12	8–12	8–12	8–12	8–12
Space requirement (WxDxH)	mm	830 x 1070 x 1570	1130 x 1640 x 1880	820 x 1560 x 1610	1230 x 1340 x 1610	1230 x 1310 x 1610	1220 x 1380 x 1810
Weight	kg	173	218	300	300	310	440
Power supply	3PE AC 380-415V 50/60 Hz (special voltages on request)						
Turntable speed	rpm	7	7	7	7/13	7/13	7/13

Standard equipment		1270	2300	3300 plus/GP	3300 2-speed plus/GP	3300 racing plus/GP	3550 plus
Tyre lever		•	•	•	•		
Tyre lever WAVE						•	•
Servicing unit with pressure relief valve and oiler		•	•	•	•	•	•
Manual inflator		•	•	•			
Pedal-controlled tyre inflator					•	•	•
Plastic protector for mounting nose		•	•	•	•	•	•
Holder for tyre lubricant container		•	•	•	•	•	•
Plastic protector for clamping jaws			•	•	•	•	•
Plastic rim protector			•	•	•	•	•
easymont pro				•	•	•	•
Plus kit				•	•	•	•

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Part of the machines is illustrated with optional extras available at extra cost.  
Technical modifications reserved.

Cod.: 9702 170 · 09/2009