

# Tyre Changers





# Tyre Changers

## T500 and T1000

Recommended for service stations and garages with low to medium tyre service volume

### **T500:**

- Handles all conventional tyres on the market quickly and easily.
- The strong and rugged design of all components ensures longer life.
- The mounting arm swings to the side so that the machine can be installed in a space-saving way directly near a wall.
- The bead breaker is provided with a large anti-skid rubber pad to preserve tyres and rims. Furthermore the machine is equipped with a double-acting bead breaking cylinder.
- Alloy rims are handled particularly gently as the 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 chuck controlled by two clamping cylinders ensures that the rim is always correctly clamped.
- Includes oiler, water separator and manual tyre inflator

### **Additional features of T1000:**

- With the outer clamping range of up to 20" the T1000 is designed to handle larger tyres as well.



### **Quick and accurate**

The self-centring chuck always clamps the rims correctly (plastic protectors are optional extras).

### **Practical**

Servicing unit with oil and water separator.



# Tyre Changers



Recommended for garages and tyre shops ☒  
with medium tyre service volume

## T3000



- Handles all conventional tyres on the market quickly and easily. If combined with the optional pneumatic bead assist device and the PAX adaptor, the machine can also handle run-flat tyres and PAX/CSR systems.
- The machine is equipped with a double-acting bead breaking cylinder and an oversize bead breaker blade.
- 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 add much to user-friendly operation.
- Accurate and quick operation is guaranteed by the self-centring four-jaw chuck controlled by two clamping cylinders and the pneumatically locked post.



### Gentle

The oversize bead breaker blade handles rims most gently (additional plastic protection available as an optional extra) which prevents damage to rim and tyre.

### Rugged

The special design of the machine post guarantees minimum tension even when hard tyres are mounted or demounted.





# Tyre Changers

## T4500 and T5000

Recommended for garages and tyre shops with medium to high tyre service volume

### **T4500:**

- Handles all conventional tyres on the market quickly and easily. If combined with the optional pneumatic bead assist device and the PAX adaptor, the machine can also handle run-flat tyres and PAX/CSR systems.
- The machine is equipped with a double-acting bead breaking cylinder and an oversize bead breaker blade. Additionally the bead breaker arm can be preset to two positions.
- Alloy rims are handled particularly gently as the mounting head and the clamping jaws are provided with plastic protectors, which prevent damage to rim and tyre. 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 ergonomic pedals add much to user-friendly operation.
- Accurate and quick operation is guaranteed by the self-centring four-jaw chuck 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 inflator for quick and safe tyre inflation.

### **Additional features of T5000:**

- With the outer clamping range of up to 24" the T5000 is designed to handle tyres of large diameter also.
- Owing to the quick-exchange device steel and plastic mounting heads can be quickly swapped over.
- Practical tool box for tools and valves, including integrated pressure gauge.
- Roller board for ergonomic bead breaking operation.



### **Flexible**

Sliding jaws allow to handling wheels of 10" to 24" (T5000-24).

### **User-friendly**

Ergonomic pedals ensure quick and correct operation.



# Tyre Changers



Recommended for garages and tyre shops with high tyre service volume, mostly handling big and wide tyres

## T6000



- Handles all conventional tyres in the market quickly and easily.
- If combined with the pneumatic bead assist device and the PAX adaptor, the machine can also handle run-flat tyres and PAX/CSR systems.
- With the outer clamping range of up to 26" (optional up to 30") the T6000 is designed to handle extremely large tyres.
- The machine is equipped with a double-acting bead breaking cylinder and an oversize bead breaker blade. Additionally the bead breaker arm can be preset to two positions.
- Alloy rims are handled particularly gently as the mounting head and the clamping jaws are provided with plastic protectors, which prevent damage to rim and tyre. 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.
- The pneumatic tilt-back post and the ergonomic pedals add much to user-friendly operation.
- Accurate and quick operation is guaranteed by the self-centring four-jaw chuck 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 integrated pressure gauge.



### Fit for the future

Tyres with an outer clamping range of 26" (30" optional) can be handled on T6000.

### Easy at hand

The practical tool box offers tools and valves within easy reach of the operator.





# Tyre Changers

## Pneumatic bead assist device MH 320 pro

The practical pneumatic bead assist device 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 the tyre changer.

The pneumatic bead assist device 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 depressor 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 depressor follows rotation of the wheel, doing the otherwise tedious job of the operator, while preserving both tyre and rim.
- The pneumatic bead assist device is an optional extra for tyre changers T3000, T4500 and T5000 and can be easily fitted by the customer. It is a standard feature of T6000.



### *Simple*

Gentle mounting with the bead depressor.

### *Optional*

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



# Tyre Changers



## Accessories

### STANDARD ACCESSORIES



T500  
T1000  
T3000



BS models  
T4500  
T5000  
T6000



### OPTIONAL EXTRAS



EAA0247G11A



EAA0247G20A



EAA0304G66A\*



EAA0247G04A\*



EAA0304G14A



8"

EAA0329G18A



EAA0247G70A



+4"

4027654  
(T5000, T6000) EAA0304G77A



EAA0304G15A\*



MOTO  
EAA0247G14A



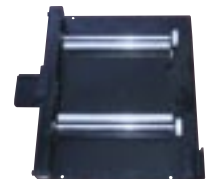
MOTO  
4015099  
(T5000, T6000) 4028569



MOTO  
EAA0304G35A



0015115  
(T5000, T6000) 27182\*



EAA0304G51A\*\*

\*\* Standard on T5000 \*Standard on T5000 and T6000

### OPTIONAL EXTRAS FOR MH 320pro

These optional extras are used in conjunction with MH 320 pro in order to handle run-flat tyre systems such as RFT, DSST, eufori@, SSR, ZeroP, EMT, etc.



Magic bead pusher MBP



Bead depressor clamp



Second bar with roller



# Tyre Changers

## Technical data and standard equipment

### TECHNICAL DATA

Model	Max. wheel diameter	Max tyre width	Inner clamping range	Outer clamping range	Compressed air supply	Power supply	Space requirement (WxDxH)	kg
T500	39" (1000 mm)	13" (330 mm)	10" – 21"	10" – 19"	bar 8 – 12 (110 – 170 psi)	230 – 415 VAC 3 ph, 50 – 60 hz	970 x 760 x 1060	160
T1000							1150 x 760 x 1020	183
T3000		15" (375 mm)	10" – 22"	10" – 20"			1150 x 760 x 1020	200
T4500			12" – 24"	10" – 24"			1050 x 1400 x 1050	265
T5000			14" – 28"	12" – 26"			1050 x 1400 x 1050	265
T6000	47" (1200 mm)	17" (432 mm)	14" – 28"	12" – 26"			1370 x 1060 x 940	320

### STANDARD EQUIPMENT

	T500	T1000	T3000	T4500	T5000	T6000
Tyre lever	•	•	•	•	•	•
Servicing unit with pressure relief valve and oiler	•	•	•	•	•	•
Manual inflator	•	•	•	•	•	•
Pedal-controlled tyre inflator		T1000 BS	T3000 BS	•	•	•
Plastic protection for mounting nose	•	•	•	•	•	•
Holder for tyre lubricant container	•	•	•	•	•	•
Plastic protection for clamping jaws			•	•	•	•
Plastic rim protection			•	•	•	•
Pneumatic bead assist device	MH 310 pro optional	MH 310 pro optional	MH 320 pro optional	MH 320 pro optional	MH 320 pro optional	•
Two speeds				•	•	•

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