



Heavy duty wheel service

TYRE CHANGERS AND WHEEL BALANCERS FOR ALL COMMERCIAL VEHICLES

The right equipment for your workshop needs

Tyre Changers	Truck	Light Agricultural Vehicles	Heavy Duty Agricultural Vehicles	Skidder and OTR
MS 70 		not applicable	not applicable	not applicable
MS 75 			not applicable	
MS 78 				
MS 80 				
Wheel Balancer				
MT 788/795T 		not applicable	not applicable	not applicable
Inflating cage 				

Legend: ● Perfect match ● Also applicable*
 * see technical data

MS 70 and MS 75



MS 70



MS 75



MS 70

Truck tyre changer designed to operate with truck wheels up to 26" wheel diameter, fully adjustable to carefully handle the light alloy wheels. MS 70 sets the benchmark to be the strongest of its segment.

Benefits:

- Tool trolley, lifting arm and chuck are controlled by hydraulic system
- 4 jaws universal chuck
- Adjustable hydraulic pressure for light wheels
- Chuck with bi-directional rotation function
- Universal pivoting tool with bead breaker disc and mounting/demounting hook
- Tool arm with quick manual release
- Operated by wired mobile remote control unit
- Small footprint

MS 75

All trucks plus agricultural and off the road tyre changer up to a wheel width of 810 mm. The best balance between price and performance.

Benefits:

- Tool trolley, lifting arm and chuck are controlled by hydraulic system
- Bead breaking force of 3.7 tonnes
- Clamping capacity up to 40", 60" with extension (accessories)
- Adjustable hydraulic pressure for light wheels
- Chuck with bi-directional rotation function
- Double speed rotation chuck allows safe operation with various wheel sizes
- Universal pivoting tool with bead breaker disc and mounting/demounting hook
- Tool arm with quick manual release
- Special wheels accessories available
- Operated by wired mobile remote control unit

Supersingle + alloy wheel protection



New tool

- **New** tool shape: faster tyre extraction and insert
- **New** surface treatment: care of the tyre bead
- **New** disc shape: increased bead breaking performance

Available on MS 78 and 80 series.



MS 78 and MS 80



MS 78



MS 80



MS 78 and 78 RC

Trucks plus agricultural and off the road tyre changer, fast and easy to use. The perfect match between speed and flexibility.

Benefits:

- Movement controlled by hydraulic system.
- Wide working range with a max wheel width capacity of 1190 mm
- Clamping capacity up to 40", 60" with extension (accessories)
- Accurate and safe 6 jaws clamping system (**patented**)
- Adjustable hydraulic pressure for light wheels
- Chuck with bi-directional rotation function
- Double speed rotation chuck allows safe operation with various wheel sizes
- High performing pivoting tool with bead breaker disc and mounting/demounting hook
- Quick tool set-up fully controlled through the remote unit
- Special wheels accessories available
- Operated by wireless mobile remote control unit (optional) in the „RC“ variant

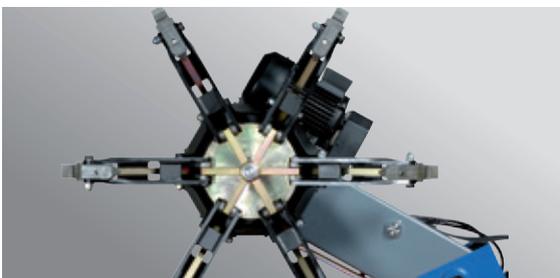
MS 80 and 80 RC

Agricultural plus off the road tyre changer with an even wider application range. It can also be applied to light trucks, heavy duty trucks, agricultural vehicles, skidder and trailers, wheels.

Benefits:

- Movement controlled by hydraulic system
- Over 4 tonnes of bead breaker force
- Wide working range with a max wheel width capacity of 1460 mm
- Effective on tyres up to 2.9 meters high and up to 2.8 tonnes heavy
- From side to side with fast function for tool set-up
- Clamping capacity up to 40", 60" with extension (accessories)
- Accurate and safe 6 jaws clamping system (**patented**)
- Adjustable hydraulic pressure for light wheels
- Chuck with bi-directional rotation function
- Double speed rotation chuck allows safe operation with various wheel sizes
- High performing pivoting tool with bead breaker disc and mounting/demounting hook
- Quick tool set-up fully controlled through the remote unit with tangency positioning (**patented**)
- Special wheels accessories available
- Operated by wireless mobile remote control unit (optional) in the „RC“ variant

6 jaws chuck (**patented**)



Tool positioning to the wheel center (**patented**)



MT 788/795T and Inflating cage



MT 788/795T 



Inflating cage 

*Picture includes accessories

MT 788/795T – the universal wheel balancer

electronic wheel balancers designed to operate on truck, bus, car and motorcycle wheels, with double rotation speed. A wide range of programs and the full scope of delivery make these wheel balancers the most complete in their category.

Benefits:

- Truck, car and motorcycle balancing mode
- Efficient: Wide range of balancing programs including ALU: 4 dedicated to truck, 9 to car and 2 to motorcycle wheels
- Menu-guided function keys for data entry and program set-up
- Automatic measurement cycle
- Manual aluminum gauge to position adhesive balancing weights
- Split program
- Static unbalance optimization program
- Pneumatic lift to ease the clamping of heavy wheels up to 160 kg
- Equipped with truck, light truck and passenger car adaptors
- Available with digital display (MT 788)

Inflating cage – for a safe inflating process

The inflation cage is a device that provides an effective solution for the problem of safety during tyre inflation. It allows operation on all types of truck wheels, but can also be used for car and van tyres. The special type of perforated mesh enclosing the structure minimises the shock wave which might be generated due to tyre burst.

Electronic inflating system:

On request, the inflation cage can be equipped with an electronic system which allows a standalone inflating process. The main feature is that once the necessary pressure has been set and the process started, the pressure gauge completes the operation unassisted, leaving the operator free to carry out other tasks.

Tubeless tyre inflator:

On request and in combination with the electronic inflating system or standalone system, the inflating cage can be equipped with a blast inflating system. The side opening allows this operation to be carried out easily inside the box, with no reduction of operator safety.

Scope of delivery – MT 788/795T:

PN: 1 695 636 500



- Universal flange for car and truck wheels

PN: 1 695 652 870
PN: 1 695 654 377
PN: 1 695 606 500



- Pliers - Weight sample 60gr - Gauge

Technical data

	MS 70	MS 75	MS 78 / 78 RC	MS 80 / 80 RC
Rim size	14" - 26"	14" - 40" (24" - 60")*	14" - 40" (24" - 60")*	14" - 40" (24" - 60")*
Min clamping diameter	125 mm	105 mm	115 mm	115 mm
Max. tyre diameter	1,600 mm	2,290 mm	2,280 mm	2,900 mm
Max. tyre width	795 mm	810 mm	1,190 mm	1,460 mm
Max. wheel weight	1,500 kg	1,200 kg	1,200 kg	2,800 kg
Max. bead breaking force	3.1 t	3.7 t	3.7 t	4.1 t
Hydraulic control unit motor	1,5 Hp	1,5 Hp	1,5 Hp	2,5 - 3,5 Hp
Chuck rotation speed	Single 6 rpm	Double 1 v - 4,5 rpm 2 v - 9 rpm	Double 1 v - 4,5 rpm 2 v - 9 rpm	Double 1 v - 4,5 rpm 2 v - 9 rpm
Power supply	3 ~ 400 V, 50 - 60 Hz 3 ~ 230 V, 50 - 60 Hz 1 ~ 230 V, 50 - 60 Hz	3 ~ 400 V, 50 - 60 Hz 3 ~ 230 V, 50 - 60 Hz	3 ~ 400 V, 50 - 60 Hz 3 ~ 230 V, 50 - 60 Hz	3 ~ 400 V, 50 - 60 Hz 3 ~ 230 V, 50 - 60 Hz
Air supply	–	–	8 / 10 bar	–
Dimensions (W x H x D)	1640 x 1250 x 1400 mm	1900 x 1750 x 1750 mm	2150 x 1750 x 1930 mm	2800 x 2080 x 2700 mm
Weight	575 kg	882 kg	1020 kg	1750 kg

* with extensions

	MT 788/795T
Rim width	up to 20"
Max. wheel width	650 mm
Rim diameter	10 – 26,5"
Max. wheel diameter	up to 1,200
Max. wheel weight	160 kg truck / 70 kg car
Power supply	1 – 230 V, 50-60 Hz
Balancing speed	100 rpm (truck mode) 167 rpm (car mode, 50 Hz) 200 rpm (car mode, 60 Hz)
Compressed air supply	8 – 12 bar
Capacity	160 kg
Max. height	1,950 mm
Max. depth	1,350 mm
Width	2,000 mm
Weight	183 kg

	Inflating Cage
Weight	166 kg
External dimensions (WxHxD)	1,600 mm x 1,580 mm x 800 mm
Internal dimensions (WxHxD)	1,500 mm x 1,500 mm x 700 mm
Pression of pneumatic circuit	10 bar

Accessories

Accessories truck tyre changers



OTR - Split ring wheels clamp



Tubeless roller



Pneumatic bead depressor

Accessories MS 70



Light alloy wheel protection for 26" (4 pcs.)

Accessories MS 75



Light alloy wheel protection for 52" (4 pcs.)



Center hole adaptor from 80 mm (4 pcs.)



Caterpillar adaptors (4 pcs.)

Accessories MT 788/795T



Adaptor Fisher/Dayton



Extension 56" kit (4 pcs.)



Adaptors for thick rims (4 pcs.)



Kit demo box for truck

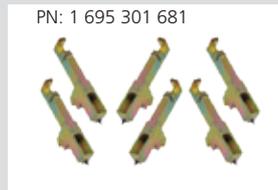
Accessories MS 78/80



Light alloy wheel adaptors 56" (6 pcs.)



Center hole adaptor from 80 mm (6 pcs.)



Caterpillar adaptors (6 pcs.)



Three arm flange for light truck



Extensions Kit (6 pcs.)



Adaptors for thick rims (6 pcs.)



Centering cone (168.5 - 194.5 mm)

Inflating Cage



Tubeless inflation device



Electronic inflating system

Scope of delivery truck tyre changers



Heavy duty lever



Heavy duty pliers

Beissbarth brake testers for trucks

BD-series Truck for 13 t and 18 t axle load:

- Hydraulic load simulation
- Four-wheel support (4 x 4)
- New ICperform software
- Supports the connected workshop: PC ready, Connected Repair, ASA-Livestream
- Coated rollers with strong grip
- Mechanical components with hot-dip galvanization – for lasting protection against corrosion

- Lifting device for load simulation (lifting height: 200 mm)
- Neatly integrated into the roller housing
- Increases the brake-cylinder pressure to the 1.7 bar demanded
- Controlled via remote control right from the driver cab
- Suitable for almost all trucks and trailers
- Especially recommended for empty/lightweight lorries



Lifted roller set



New! Software ICperform: for intuitive and fast use

- Optimum display of all relevant measured values
- Easy to handle
- Faster brake testing
- Print and database functions
- Connection with other test devices within the test lane

Local distributor:

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Subject to technical modification and changes to scope of delivery.
Pictures may sometimes show special accessories or configurations.
Please contact your Beissbarth dealer for a binding up-to-date quotation.

