

AG Double T.T.L



>>> General description

The AG DOUBLE T.T. L tyre changer is one of the most efficient, complete products on the market thanks to the array of **automated** functions it offers. **Reliability, versatile and construction quality** are the key features of this product, which has always achieved impressive sales success.

It is an automatic tyre changer suitable for mounting and demounting tubeless tyre van, truck and bus wheels, supersingle wheels and wheels with rim loop.

It is **electrohydraulically** operated and the controls are all located together on a low-voltage portable unit.

The hydraulic turntable has top-range design features and uses choice materials. It assures **excellent clamping** during the delicate wheel clamping, bead breaking and tyre demounting functions.

The tool arm is **fully automated and moves in synchrony with the spindle carriage** (although in the opposite direction) for quicker operation.

The nodular cast iron tool support has an overhanging **bead breaker disc mounted on tapered roller bearings to ensure durability and smooth travel**. The disc's unusual shape has been specifically developed to allow the best possible penetration between the rim edge and tyre bead; what's more, its rounded external profile prevents damage to or jamming against the tyre wall. The tool used is of tried and tested shape, and has an effective protective coating.

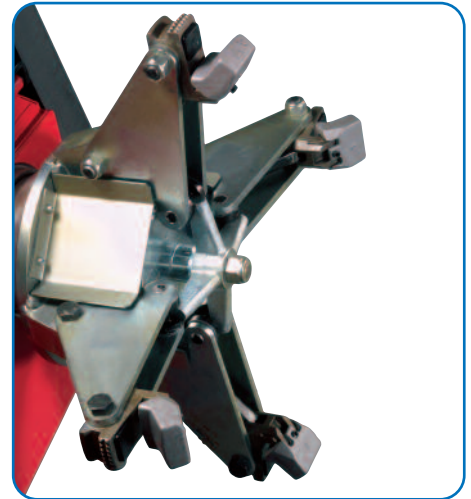
This product is approved by:



»»» Main characteristics

- **Automatic tyre changer** suitable for tubeless tyre van, truck and bus wheels, supersingle wheels and wheels with rim loop.
- **Electrohydraulic** operation
- Portable control unit separate from the machine
- Wheel clamping by means of **hydraulic turntable**
- Machined steel tool arm
- **Fully automated** tool arm
- **Synchronised travel** of tool arm and spindle carriage
- Manual tool rotation
- **Overhanging bead breaker disc mounted on tapered roller bearings**
- With pressure gauge for monitoring the hydraulic pressure

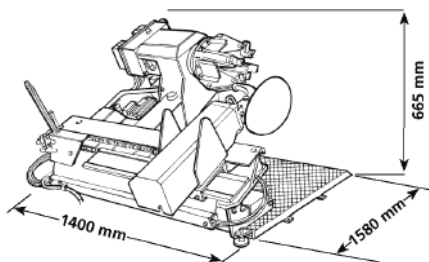
tool arm	demount mode	with lever
	lengthways stroke	545 mm
	lengthways speed	65 mm/s
	working lengthways speed	65 mm/s
bead breaking maximum lengthways force on inside		21600 N
bead breaking maximum lengthways force on outside		20100 N
	radial stroke	190 mm
	rotation	automatic
	clamping	automatic
	clamping positions	1
spindle carriage	hydraulic lengthways stroke	540 mm
	lengthways speed	65 mm/s
	working lengthways speed	65 mm/s
spindle	clamping system	hydraulic turntable
	rotation motor	1.5 kW
	rotation speed	7 rpm
	rotation torque	2943 Nm
	clamping element	4 (clamps)
	clamping capacity	from 14" to 25"
	clamping positions	1
	maximum clamping force	40000 N
	maximum hydraulic pressure	125 bar
	maximum tyre diameter	1280 mm
maximum tyre width	700 mm	
maximum wheel weight	350 kg	
wheel central hole minimum Ø	120 mm	
spindle shaft minimum working height	370 mm	
power unit	Stand-by function	NO
	operation	electrohydraulic
	electric motor	2.2 kW
	adjustable hydraulic pressure	from 80 to 120 bar
	oil tank	8.5 l
control module	command transmission	by cable
	electrical voltage	24 V
	weight	8 kg
power supply	electrical 3ph	230/400 V -4 kW
noise	level in operating conditions	≤ 70 db (A)
weight		568 kg



▶ The tool arm moves along the base for easier tool positioning during work.



▶ The power unit is separate from the machine and can be placed in the position required on each occasion.



Technical Data

Technical data

	HD 1000	AG DOUBLE T.T.L.	HD600
tool arm	demount mode	with lever	with roller/lever
	lengthways stroke	545 mm	500 mm
	lengthways speed	65 mm/s	manual
	working lengthways speed	65 mm/s	manual
	bead breaking maximum lengthways force on inside	21600 N	15100 N
	bead breaking maximum lengthways force on outside	20100 N	21000 N
	radial stroke	190 mm	NO/Fix
	rotation	manual	manual
	clamping	manual	manual
	clamping positions	1	3
spindle carriage	hydraulic lengthways stroke	540 mm	670 mm
	lengthways speed	65 mm/s	52 mm/s
	working lengthways speed	65 mm/s	52 mm/s
spindle	clamping system	hydraulic turntable	manual turntable
	rotation motor	1.3/1.85 kW	1.1 kW
	rotation speed	2 speeds (4 - 8 rpm)	6 rpm
	rotation torque	4120/2943 Nm	1700 Nm
	clamping element	4 (clamps)	4 (clamps)
	clamping capacity	from 11" to 56"	from 13" to 26"
	clamping positions	3	1
	maximum clamping force	42000 N	-
	maximum hydraulic pressure	100 bar	-
	maximum tyre diameter	2200 mm	1300 mm
	maximum tyre width	980 mm	600 mm
	maximum wheel weight	800 kg	1000 kg
	wheel central hole minimum Ø	100 mm	140 mm
	spindle shaft minimum working height	385 mm	350 mm
power unit	Standby function	NO	NO
	operation	electrohydraulic	electrohydraulic
	motor	1.5 kW	1.1 kW
	adjustable hydraulic pressure	from 60 to 100 bar	from 80 to 120 bar
	oil tank	7.6 l	6 l
control module	command transmission	by cable	by cable
	electrical voltage	24 V	24 V
	weight	8 kg	8 kg
power supply	electrical 3ph	230/400 V -3.6 kW	230/400 V -2.2 kW
noise	level in operating conditions	≤ 70 db (A)	≤ 70 db (A)
weight		568 kg	390 kg