

HD600

GENERAL DESCRIPTION

The HD600 tyre changer is Corghi's response to the needs of **large road transport groups and mobile service centres**.

Designed and built for fleets and truck and bus maintenance services, it is **compact and lightweight and therefore ideal for jobs on customers' premises**.

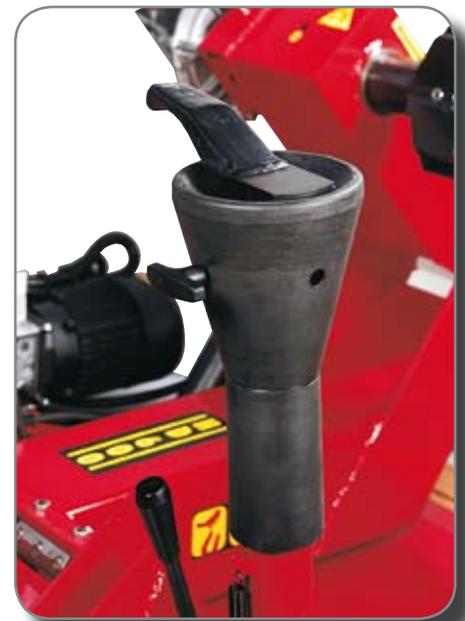
It is electrohydraulically operated and the controls are all located together on a low-voltage portable unit. It works with the wheel kept in vertical position, and wheels are clamped by means of the **special spindle with hand-operated mechanical clamping system**.

The HD600 uses a **special roller** for all mounting, demounting and bead breaking operations, and is fitted with a specific tool for tube-type and supersingle wheels.

The roller arm has three working positions to work on the tyre's inside or outside bead.



Wheel clamping by means of hand-operated mechanical clamp



Special tool for tube-type and supersingle wheels



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MAIN FEATURES

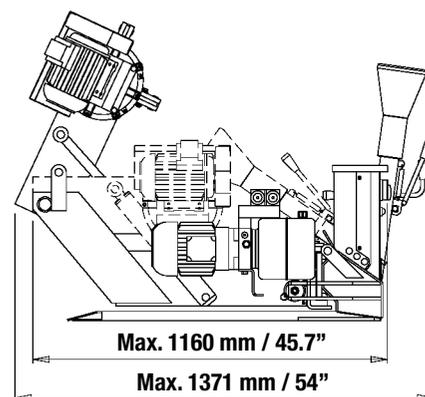
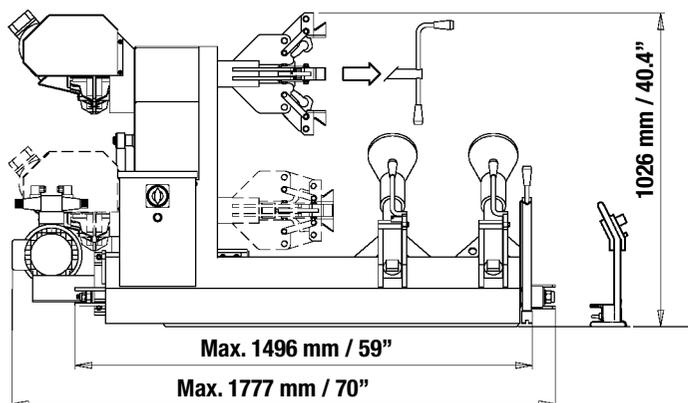
- **Semiautomatic tyre changer** for truck and bus wheels
- Surprisingly **compact and lightweight** in relation to its performance
- **Electrohydraulic** operation
- Portable control unit separate from the machine
- Wheel clamped by means of hand-operated **mechanical clamp**
- Roller tool for mounting, demounting and bead breaking
- Three-position roller arm with manual clamping
- Complete with special tool for tube-type and supersingle wheels



Bead breaking on outside of tyre



Demounting by means of roller



TECHNICAL DATA

tool arm	
demount mode	with roller/lever
lengthways stroke	19.7" (500 mm)
travel/working lengthways speed	manual
bead breaking maximum	
lengthways force on inside	3375 lb _f (15000 N)
bead breaking maximum	
lengthways force on outside	4725 lb _f (21000 N)
clamping	manual
radial stroke	NO/FIX
clamping positions	3
spindle	
hydraulic lengthways stroke	26.4" (670 mm)
travel working lengthways	2"/s (52 mm/s)
clamping system	manual turntable
rotation motor	1.1 kW
rotation speed	6 rpm
rotation torque	1254.6 ft/lbs (1700 Nm)
clamping element	4 clamps
clamping capacity	from 13" to 26"
maximum tyre diameter	51.2" (1300 mm)
maximum tyre width	23.6" (600 mm)
maximum wheel weight	2204.6 lbs (1000 kg)
wheel central hole minimum Ø	5.5" (140 mm)
spindle shaft minimum working height	13.8" (350 mm)
power unit	
Stand-by function	NO
operation	electrohydraulic
electric motor	1.1 kW
adjustable hydraulic pressure	1450 PSI (110 bar)
oil tank	1.6 gallons (6 l)
control module	
command transmission	by cable
electrical voltage	24 V
weight	17.6 lbs (8 kg)
power supply	
electrical 3ph	230/400 V - 2.2 kW
noise level in operating conditions	≤ 70 db (A)
weight	860 lbs (390 kg)

