

General description

The DV 120 pneumatic bead presser has been produced to **simplify the demounting and mounting of wheels with a large distance between the**

drop centre and the shoulder. It allows easier bead positioning, providing much smoother operation and saving the operator a great deal of effort. Designed to improve conditions for work on rims and tyres, nowadays it has become an essential tool for tyre professionals in search of a versatile, safe **pneumatic bead presser** capable of working on all types of rim. The thrust is generated by a double-acting pneumatic cylinder operated by a hand lever.



Main characteristics

- Lever-operated **pneumatic bead presser**
- **Operates on all kinds of rim**
- Easily portable, lightweight and compact
- Pressure generated by a double-acting pneumatic cylinder



➤ New DV120 tyre bead presser support clamp (for application on the HD range only)



➤ New DV120 during operation procedure

Technical data

maximum opening	120 mm
shoe force	708 kg
operation	pneumatic
operating pressure	from 8 to 10 bar

Technical data

	HD1000	AG DOUBLE T.T.L.	HD600
tool arm	demount mode lengthways stroke lengthways speed working lengthways speed bead breaking maximum lengthways force on inside bead breaking maximum lengthways force on outside radial stroke rotation clamping clamping positions hydraulic lengthways stroke lengthways speed working lengthways speed clamping system rotation motor rotation speed rotation torque clamping element clamping capacity clamping positions maximum clamping force maximum hydraulic pressure maximum tyre diameter maximum tyre width maximum wheel weight wheel central hole minimum Ø spindle shaft minimum working height	with lever 545 mm 65 mm/s 65 mm/s 21600 N 20100 N 190 mm automatic automatic 1 540 mm 65 mm/s 65 mm/s hydraulic turntable 1.5 kW 7 rpm 2943 Nm 4 (clamps) from 14" to 25" 1 40000 N 125 bar 1280 mm 700 mm 350 kg 120 mm 370 mm NO electrohydraulic 2.2 kW from 80 to 120 bar 8.5 l by cable 24 V 8 kg 230/400 V -4 kW ≤ 70 db (A) 568 kg	with roller/lever 500 mm manual manual 15100 N 21000 N NO/Fix manual manual 3 670 mm 52 mm/s 52 mm/s manual turntable 1.1 kW 6 rpm 1700 Nm 4 (clamps) from 13" to 26" 1 -
spindle carriage	hydraulic lengthways stroke lengthways speed working lengthways speed clamping system rotation motor rotation speed rotation torque clamping element clamping capacity clamping positions maximum clamping force maximum hydraulic pressure maximum tyre diameter maximum tyre width maximum wheel weight wheel central hole minimum Ø spindle shaft minimum working height	1 495 mm 50 mm/s 50 mm/s hydraulic turntable 1.3/1.85 kW 2 speeds (4 - 8 rpm) 4120/2943 Nm 4 (clamps) from 11" to 56" 3 42000 N 100 bar 2200 mm 980 mm 800 kg 100 mm 385 mm NO electrohydraulic 1.5 kW from 60 to 100 bar 7.6 l by cable 24 V 8 kg 230/400 V -3.6 kW ≤ 70 db (A) 855 kg	1 540 mm 65 mm/s 65 mm/s hydraulic turntable 1.5 kW 7 rpm 2943 Nm 4 (clamps) from 14" to 25" 1 40000 N 125 bar 1280 mm 700 mm 350 kg 120 mm 370 mm NO electrohydraulic 2.2 kW from 80 to 120 bar 8.5 l by cable 24 V 8 kg 230/400 V -4 kW ≤ 70 db (A) 568 kg
spindle	clamping system rotation motor rotation speed rotation torque clamping element clamping capacity clamping positions maximum clamping force maximum hydraulic pressure maximum tyre diameter maximum tyre width maximum wheel weight wheel central hole minimum Ø spindle shaft minimum working height	hydraulic turntable 1.5 kW 7 rpm 2943 Nm 4 (clamps) from 14" to 25" 1 40000 N 125 bar 1280 mm 700 mm 350 kg 120 mm 370 mm NO electrohydraulic 2.2 kW from 80 to 120 bar 8.5 l by cable 24 V 8 kg 230/400 V -3.6 kW ≤ 70 db (A) 855 kg	manual turntable 1.1 kW 6 rpm 1700 Nm 4 (clamps) from 13" to 26" 1 -
power unit	operation motor adjustable hydraulic pressure oil tank command transmission electrical voltage weight electrical 3ph level in operating conditions	electrohydraulic 1.1 kW from 80 to 120 bar 6 l by cable 24 V 8 kg 230/400 V -2.2 kW ≤ 70 db (A) 390 kg	electrohydraulic 1.1 kW 110 bar 6 l by cable 24 V 8 kg 230/400 V -2.2 kW ≤ 70 db (A) 390 kg
control module	command transmission electrical voltage weight electrical 3ph level in operating conditions	by cable 24 V 8 kg 230/400 V -4 kW ≤ 70 db (A) 568 kg	by cable 24 V 8 kg 230/400 V -2.2 kW ≤ 70 db (A) 390 kg
power supply	electrical 3ph level in operating conditions	230/400 V -4 kW ≤ 70 db (A) 568 kg	230/400 V -2.2 kW ≤ 70 db (A) 390 kg
noise	level in operating conditions	≤ 70 db (A)	≤ 70 db (A)
weight		568 kg	390 kg