



PNEUMATIC SYSTEM FOR OLIVE HARVESTING

Campagnola engine-driven compressors

QUALITY IS IN THE AIR



CAMPAGNOLA

Why choose a Campagnola engine-driven compressor

1

Protection of the moving parts

According to the EC Machine Directory, all the moving parts have to be well protected, in order to avoid any risk of accidental contact of the operator with belts, pulleys or flywheels.

2

Connecting pipes

Campagnola has chosen shaped copper pipes, in order to guarantee a better heat dispersion and, consequently, better machine performance.

3

Fittings and couplings

They allow the quick connection or disconnection between air hose and tools. Campagnola has chosen the best suppliers to ensure long-lasting fittings and couplings.

4

Wheels

They have to be adequate for the machine transport and movements and for its weight. Campagnola has chosen 'full' tyres to avoid punctures.

5

Safety and pilot valves/unloaders

In case of machine disfunction they prevent risk of breakage of the moving parts. They are adjusted individually during the engine-driven compressor workshop testing.

6

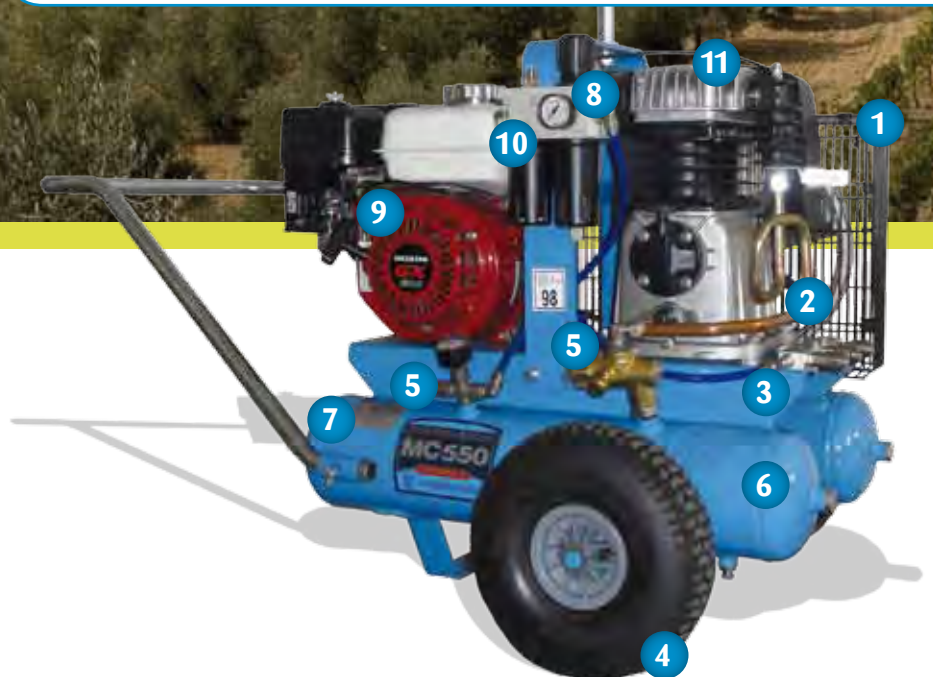
Air tank

The severe rules about the pressure containers require the certification of all the air tanks, shown by the manufacturer by means of a welded plate and a certificate. The air tanks of the Campagnola engine-driven compressors are homologated at 12 or 15 bar maximum pressure, which has to be higher than the machine safety valve pressure value. The safety and the pilot valves/unloaders of the Campagnola engine-driven compressors are adjusted to 11 bar. When this pressure level is exceeded, they open automatically, letting the air out. To equip a compressor with a non-homologated air tank is very dangerous: In case of accident no insurance company would cover the damages, and an unscrupulous manufacturer would never assume the responsibility. Always check that the required working pressure for a correct use of the tool is lower than the homologated maximum pressure. The shears need 10 bar, so any Campagnola air tanks are homologated for 12 bar and the safety valves are adjusted at 11.

7

CE marking

According to the CE Machine Directory, all the agricultural machinery manufacturers have to append the CE marking onto their products, in order to show that they assume all responsibilities and that the items comply with all standards required in the manufacturing process. Exhaust gas emissions, noise, vibrations, protections and instructions for the proper use of the machine have to comply with the required standards. Campagnola, after testing the proper use of the machine, assumes all responsibilities for its products and guarantees that they comply with the regulations.



NEW HOBBY AIR

NEW HOBBY AIR WITH GX 120
HONDA GASOLINE ENGINE, 4 HP

MC 310

MC 310 WITH GX 120 HONDA
GASOLINE ENGINE, 4 HP

8

Pressure gauges

In order to allow the pressure check, Campagnola only uses glycerine gauges. One of the gauges shows the exact pressure of the air tank, the other one the pressure of the working tools.

9

Engine

Campagnola equips its compressors either with 4-stroke gasoline engines or with diesel ones, from 4 to 11 HP, produced by the best manufacturers in the world. HONDA has certified all its engines assembled on Campagnola machines.

10

Lubricator/regulator/ decantation filter unit

To guarantee the highest reliability, the Campagnola pneumatic tools need "clean" air at a fixed working pressure, combined with the right quantity of lubricating oil. All the engine-driven compressors are fitted with a 1/4" or 3/8" lubricator/regulator/filter unit, which are adjusted during the compressor workshop testing.

11

Compressor head blocks

Campagnola has chosen the coaxial, double-cylinder, one-stage or two-stage models.



MOTO.0305



210



1



25



-



9/11



57x74x53,5



2



36



MOTO.0200



310



1



2X9



-



11



66x45x70



2



54



MC 520

MC 520 WITH GX 200 HONDA
GASOLINE ENGINE, 6.5 HP



MC 550

MC 550 WITH GX 200 HONDA
GASOLINE ENGINE, 6.5 HP



MC 600

MC 600 WITH GX 200 HONDA
GASOLINE ENGINE, 6.5 HP
one-stage or two-stage models,
available with diesel engine











code **MOTO.0426**

 L/min	 air/L	 bar max	
520	2X11	11	5
		 cm	 kg
2	1	73x75x63	73

code **MOTO.0420**

 L/min	 air/L	 bar max	
537	2X11	11	5
		 cm	 kg
2	1	73x75x63	73

code **MOTO.0470**

 L/min	 air/L	 bar max	
595	2X11	11	6
		 cm	 kg
3	1	75x90x85	100



Wheeled engine-driven compressor

The towed engine-driven MC compressors have a well-balanced frame and twin air tanks to reduce the anti-condensed-water effect. They are fitted with a pneumatic self-regulating device, which stresses the engine only during the air tank recharge, this way reducing:

- parts wear-and-tear
- fuel consumption
- noise and exhaust gases





**NEW HOBBY
AIR KIT**



**PROFESSIONAL
KIT MC 310**



**PROFESSIONAL
KIT MC 310 DUO**



**PROFESSIONAL
KIT MC 520**



**PROFESSIONAL
KIT MC 550**

HARVESTING KIT

New Hobby Air Kit Honda GX 120, 4 HP	Professional Kit MC 310 Honda GX 120, 4 Hp	Professional Kit MC 310 DUO Honda GX 120, 4 Hp	Professional Kit MC 520 Honda GX 160, 5.5 Hp	Professional Kit MC 550 Honda GX 200, 6.5 Hp
<p>The kit is composed of:</p> <ul style="list-style-type: none"> • New Hobby Air compressors with Honda GX 120 gasoline engine, 4 HP • 1 x Olistar Tuono olive harvester • 1 x 20 m polyurethane hose, Ø 6x8, with fittings 	<p>The kit is composed of:</p> <ul style="list-style-type: none"> • 1 x MC 310 compressor with Honda GX 120 gasoline engine, 4 HP • 1 x Olistar Tuono olive harvester • 1 x 20 m polyurethane hose, Ø 6x8, with fittings 	<p>The kit is composed of:</p> <ul style="list-style-type: none"> • 1 x MC 310 compressor with Honda GX 120 gasoline engine, 4 HP • 2 x Olistar Tuono olive harvesters • 2 x 20 m polyurethane hoses. Ø 8x10, with fittings 	<p>The kit is composed of:</p> <ul style="list-style-type: none"> • 1 x MC 520 compressor with Honda GX 200 gasoline engine, 6.5 HP • 2 x Olistar Tuono olive harvesters • 2 x aluminium telescopic extension poles (T2 and T3) • 2 x 20 m polyurethane hoses. Ø 8x10, with fittings 	<p>The kit is composed of:</p> <ul style="list-style-type: none"> • 1 x MC 550 compressor with Honda GX 200 gasoline engine, 6.5 HP • 2 x Olistar Tuono olive harvesters • 2 x aluminium telescopic extension poles (T2 and T3) • 2 x 20 m polyurethane hoses. Ø 8x10, with fittings
KITS.0115	KITS.0116	KITS.0138	KITS.0135	

All the engine-driven compressors have to be tested before being sent to the customer. A Campagnola operator checks, in a fitted cabin, the resistance of all the parts under pressure and the engine starting and stopping, adjusting the rpm according to the manufacturer's instructions, regulates the safety and pilot valves/unloaders and the filter/regulator/lubricator unit, controls the proper assembly of the mechanical static or dynamic parts, checks the lubricating oil levels, attaches the very important use&maintenance manual corresponding to the compressor model, puts the sticker displaying the machine features, the serial number and the year of manufacturing and sticks the CE marking. Read the manual carefully in order to use the engine-driven compressor in the proper way. For any further explanation the Campagnola Service Staff is always at your disposal. Always ask for proof of purchase, such as invoice or receipt, and keep it safe together with the warranty coupon that is enclosed in the use and maintenance manual, as these items will be requested for any warranty claim.