

MSH
MACFARMER

CONSTRUCTION COMPRESSOR
HYDRAULIC DRIVE
TO BE POSITIONED ON THE TRACTOR LINKAGE



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Developed by specialized engineers and in collaboration with professionals of the agriculture sector (farmers, equipment distributors, etc.), the MSH Macfarmer is the first compressor designed for agricultural activities.

THE POWER OF A CONSTRUCTION COMPRESSOR, WITHOUT A THERMAL MOTOR, & CONNECTED TO THE HYDRAULIC CIRCUIT OF TRACTORS

To operate, the MSH Macfarmer compressor:

- is positioned on the tractor linkage;
- is connected to the tractor hydraulic circuit;
- plugs into an electrical socket on the tractor.

The compressor can supply up to 2500 L/min (90 cfm) of compressed air at 7 bar (100 psi), which is as much as a construction compressor.

AN IDEAL COMPRESSOR FOR DRY CLEANING AND OTHER USES



**DRY
CLEANING**



**BALLAST
WEIGHT**



**TOOL
TRANSPORT**



**TYRE
PRESSURE**



**USE OF
DEMOLITION
TOOLS**



**USE OF
PROJECTION
TOOLS**



**USE OF
PNEUMATIC
TOOLS**



**PIPE
PURGING**



WHY IS THE MSH MACFARMER THE RIGHT CONSTRUCTION COMPRESSOR FOR AGRICULTURAL WORK?

€ OPTIMISED RETURN ON INVESTMENT FOR AGRICULTURAL USE

- New equipment at low investment cost
- Reduced maintenance cost
- Availability of compressed air on the tractor
- Travel optimization

💪 RELIABILITY AND DURABILITY

- MAC3 know-how: the guarantee of a design that optimizes performance and reliability
- Hydraulic drive technology = extended life
- Not additional heat engine

+ Moteur hydraulique *Danfoss*

🌱 LOW CARBON FOOTPRINT

- French design and manufacture
- The compressor does not generate any polluting gases (hydraulic drive)
- Limits travel needs: the compressor is always with the tractor

💡 ERGONOMICS OF USE

- Compressor hitched to the tractor = time saving
- Versatility of use
- No air reserve: the MSH compressor delivers the air directly





Reduce the risk of fire through quick and effective cleaning by limiting the accumulation of dust

80 : This is the number of combine harvesters victims of fire each year in France



Simplify maintenance actions thanks to compressed air cleaning

unlike high-pressure water cleaners which create areas of humidity



Extend the life of agricultural equipment by eliminating dirt and limiting the development of humidity or rust



Limit the spread of weeds from one plot to another in order to reduce the risk of transferring parasites from one field to another

**WHY CLEAN
YOUR EQUIPMENT
WITH THE MSH
CONSTRUCTION AIR
COMPRESSOR BY
MAC3?**



**DRY
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MSH: ADVICE FROM THE PROS

« This compressor is ideal for carrying out daily blowing maintenance operations on harvesting machines. Thanks to the MSH, cleaning can be done in the field in order to return with a clean machine. »

THOMAS PASCAL - AGRICULTURAL MACHINERY MECHANIC
CONCESSIONNAIRE DELOR - RIEUTORT DE RANDON (48)

« The MAC3 compressor makes it possible to respond efficiently to the cleaning needs of harvesting machines on farms, CUMA or ETA. Its performance allows it to perform the same applications as a thermal site compressor. This product responds perfectly to the problems of the agricultural world. »

OLIVIER BOUDON - AGRICULTURAL EQUIPMENT DEALER
CONCESSIONNAIRE DELOR - RIEUTORT DE RANDON (48)

« The MAC3 compressor is the machine that was missing on the agricultural equipment market. Its strengths are its ease of use and its flow rate for cleaning. It is ideal for both day-to-day operations and even during the wintering of machines. »

MAXIME CHARRET - FARM MANAGER
EARL DU TEMPLE DE MERCURE - ORCINES (63)

« We used the hydraulic compressor to blow our harvesting machines (balers, forage harvesters, combine harvesters). A surprising result! A concentrate of power! Great concept! A machine to have! »

PATRICE & CHRISTOPHE THIOULOUSE - ETA MANAGERS
SARL THIOULOUSE FILS - BEL-AIR-VAL-D'ANCE (48)

MSH TECHNICAL CHARACTERISTICS

POWER

Characteristics of the agricultural machine to have the maximum air flow of the compressor*

MAX AIR FLOW AT 7 BAR (100 psi)	2500 L/min (90 cfm)
HYDRAULIC FLOW	80 L/min (3 cfm)
HYDRAULIC PRESSURE	190 bar (2756 psi)

* If the agricultural machine does not have the necessary hydraulic flow, the compressor will work properly, with a lower air flow.



Hydraulic engine



CONNECTION

- ◆ Mechanical connection: 3-point hitch (cat. 2, 3N and 3*)
- ◆ Hydraulic connection: standard ISO A 1/2" hydraulic socket
- ◆ Electrical connection: 3-pin electrical socket (12V - 25A)

* Only for attachment to the rear of a tractor.

DIMENSIONS AND WEIGHT

- ◆ Weight of the compressor alone (without options): 371 kg (685 lb)
- ◆ Compressor dimensions alone (length x width x height): 990 x 639 x 900 mm (39 x 25 x 35,5 in)








MSH STANDARD CONFIGURATION

In its standard configuration, the MSH is delivered with a chassis allowing its handling by forklifts.



-  **REEL**
20 meters of compressed air hose
-  **NET ROLL SUPPORT**
or baler twine
-  **STORAGE CHEST**
2 chest of 20L each
-  **WRAP NET SUPPORT**
-  **CUSTOMISABLE COLOURS**

OPTIONS

MSH OPTIONS



MAC3

THE FRENCH BRAND



Founded in 2011, MAC3 is the French brand specializing in compressors and pneumatic tools. MAC3 reinvents compressed air technologies every day to offer innovative products that anticipate future needs.

MAC3 compressed air solutions, made in France, are distinguished by a design that respects people and the environment, values dear to the company.



MAC3 specializes in the design, manufacture and marketing of 3 families of products in the field of compressed air:

- Solutions for construction and public works (mobile site compressors, pneumatic tools, sandblasting and plastering equipment)
- Solutions for industry (compressors with electric motors, dryers and industrial engineering solutions)
- And now hydraulic compressors for agricultural works.

MAC3's factory and headquarters are located near St-Etienne, in Loire (42), and bring together all the services necessary for its industrial activity.

COMPRESSED AIR SOLUTIONS





COMPRESSED AIR SOLUTIONS



10 allée du canal
ZC des Landes
42160 Saint-Cyprien
FRANCE

Tel : +33 (0)4 77 02 13 08
Fax : +33 (0)4 77 02 20 28
contact@mac3.fr
www.mac3.fr



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