



Agricultural Machinery

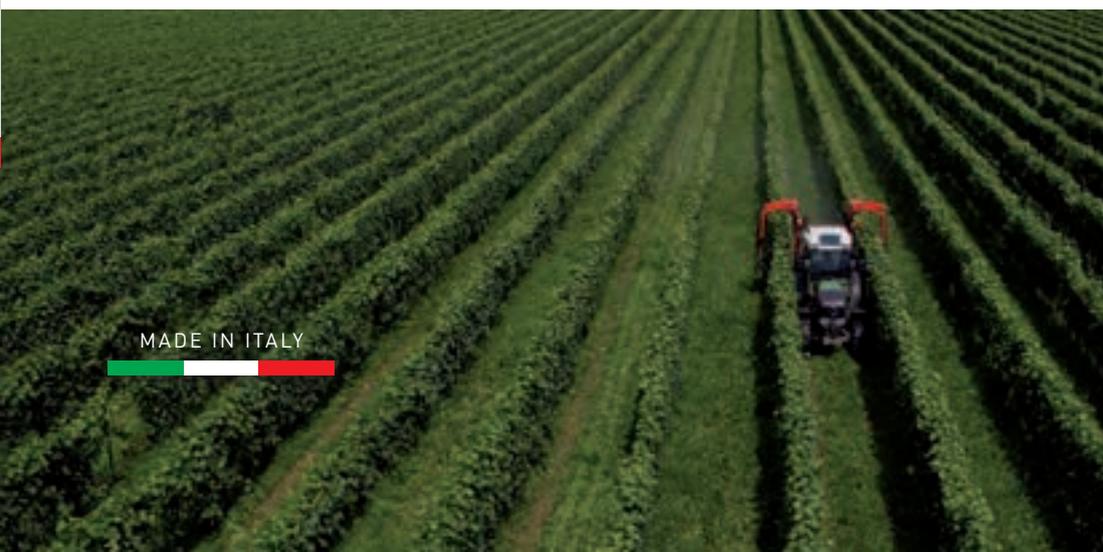
# HIGH SPEED PNEUMATIC DELEAFER FOR VINEYARDS



PRECISION AIR SYSTEM

FUNCTIONING: The air that is produced by a compressor arrives into the two rotors, hits the leaves in the area around the grapes in all its deepness. In this way a selective deleafing of the fruit zone can be performed.

**The OLMi deleafer is the only one that allows a grape cleaning in an early stage.**



MADE IN ITALY



EASY TO USE

## MOD. 400-F

**Front** Pneumatic deleafer with 1 front blowing head , compressor unit on the hind of the tractor on the 3 point hitching, 3 hydraulic movements with electrohydraulic joystick, frame tilting of 30°, cardan.

- ⚡ Min. required tractor power: 50 HP
- ⊖ PTO: 540 rpm
- ⚙ Working speed: from 4 to 6 Km/h depending on the working conditions.
- ⌈ Working height: adjustable from 30 to 60 cm
- ⊗ Working pressure: from 0,5 to 0,9 bar (adjustable with the tractor's PTO)



## MOD. 400-R

**Hind** pneumatic deleafer with 1 blowing head, 3 hydraulic movements with electro-hydraulic joystick , frame tilting of 30°, cardan, leaning skid, 3 point hitching in the back of the tractor.

- ⚡ Min. required tractor power: 50 HP
- ⊖ PTO: 540 rpm
- ⚙ Working speed: from 4 to 6 Km/h depending on the working conditions.
- ⌈ Working height: adjustable from 30 to 60 cm
- ⊗ Working pressure: from 0,5 to 0,9 bar (adjustable with the tractor's PTO)



## MOD. 430-F

**Front** Pneumatic deleafer with 1 reversible front blowing head , ( from left to right and back) compressor unit on the hind of the tractor on the 3 point hitching, 4 hydraulic movements with electrohydraulic joystick, frame tilting of 30°, cardan.

- ⚡ Min. required tractor power: 50 HP
- ⊖ PTO: 540 rpm
- ⚙ Working speed: from 4 to 6 Km/h depending on the working conditions.
- ⌈ Working height: adjustable from 30 to 60 cm
- ⊗ Working pressure: from 0,5 to 0,9 bar (adjustable with the tractor's PTO)



## MOD. 430-R



**Hind** pneumatic deleafer with 1 reversible, from left to right ( 180°), blowing head, 4 hydraulic movements with electro-hydraulic joystick, frame tilting of 30°, cardan, leaning skid, 3 point hitching in the back of the tractor.

- ⚡ Min. required tractor power: 50 HP
- ⊕ PTO: 540 rpm
- 🌀 Working speed: from 4 to 6 Km/h depending on the working conditions.
- ⊥ Working height: adjustable from 30 to 60 cm
- ⊙ Working pressure: from 0,5 to 0,9 bar (adjustable with the tractor's PTO)



## MOD. 450-F

**Front** over row pneumatic leaf remover, with 2 over row blowing heads, deleafer on a complete row, compressor unit on the back of the tractor on the 3 point hitching, 4 hydraulic movements with electro-hydraulic joystick, 30° frame tilting, cardan.



- ⚡ Min. required tractor power: 80 HP
- ⊕ PTO: 750 rpm or 1000 rpm depending on the tractor
- 🌀 Working speed: from 4 to 6 Km/h depending on the working conditions.
- ⊥ Working height: adjustable from 30 to 60 cm
- ⊙ Working pressure: from 0,5 to 0,9 bar (adjustable with the tractor's PTO)



## MOD. 450-R



**Hind** over row pneumatic deleafer, with 2 blowing heads, work on a complete row, pendulum frame, with self guiding to the leaves wall, 4 hydraulic movements with electro-hydraulic joystick, leaning skids, 30° frame tilting, cardan, 3 point hitching on the back of the tractor.

- ⚡ Min. required tractor power: 80 HP
- ⊕ PTO: 750 rpm or 1000 rpm depending on the tractor
- 🌀 Working speed: from 4 to 6 Km/h depending on the working conditions.
- ⊥ Working height: adjustable from 30 to 60 cm
- ⊙ Working pressure: from 0,5 to 0,9 bar (adjustable with the tractor's PTO)



## MOD. 470-F

**Front** pneumatic deleafener with 2 bilateral blowing heads, compressor unit on the 3 point hitching on the back of the tractor, 4 hydraulic movements with electro-hydraulic joystick, 30° frame tilting, with cardan and leaning cart on wheels.



- ⚡ Min. required tractor power: 80 HP
- ⊖ PTO: 750 rpm or 1000 rpm depending on the tractor
- 🌀 Working speed: from 4 to 6 Km/h depending on the working conditions.
- ⊥ Working height: adjustable from 30 to 60 cm
- ⊙ Working pressure: from 0,5 to 0,9 bar (adjustable with the tractor's PTO)



## MOD. 470-R

**Hind** pneumatic deleafener with 2 bilateral heads, 5 hydraulic movements with electrohydraulic joystick, 30° frame tilting, leaning skids, cardan, 3 point hitching on the back of the tractor.



- ⚡ Min. required tractor power: 80 HP
- ⊖ PTO: 750 rpm or 1000 rpm depending on the tractor
- 🌀 Working speed: from 4 to 6 Km/h depending on the working conditions.
- ⊥ Working height: adjustable from 30 to 60 cm
- ⊙ Working pressure: from 0,5 to 0,9 bar (adjustable with the tractor's PTO)



## MOD. 510-F

**Front** over row pneumatic leaf remover, double row, 4 blowing heads, work on 2 complete rows, (2x2), 6 hydraulic movements with electro-hydraulic joystick, 30° frame tilting, compressor unit on the back of the tractor on the 3 point hitching, cardan and oil cooler kit.



- ⚡ Min. required tractor power: 100 HP
- ⊖ PTO: 750 rpm
- 🌀 Working speed: from 4 to 5 Km/h depending on the working conditions.
- ⊥ Working height: adjustable from 30 to 60 cm
- ⊙ Working pressure: from 0,5 to 0,9 bar (adjustable with the tractor's PTO)



## MOD. 510-R



**Hind** over row pneumatic deleafer, double row, 4 blowing heads (2x2), work on 2 complete rows, pendulum frame, self centering guidance on the leaves wall, 6 hydraulic movements with electrohydraulic joystick, leaning wheels and skids, 30° frame tilting, cardan, hind 3 point hitching, with oil cooler kit. High operational yield.

- ⚡ Min. required tractor power: 100 HP
- ⊕ PTO: 750 rpm
- ⌚ Working speed: from 4 to 5 Km/h depending on the working conditions.
- I Working height: adjustable from 30 to 60 cm
- ⊖ Working pressure: from 0,5 to 0,9 bar (adjustable with the tractor's PTO)



## MOD. PERGOLA



**Hind** pneumatic deleafer PERGOLA type, designed for pergola vineyards, 1 blowing head with 4 rotors, 4 hydraulic movements with electro-hydraulic joystick, leaning skids, 30° frame tilting, cardan, 3 point hitching on the back of the tractor.

- ⚡ Min. required tractor power: 80 HP
- ⊕ PTO: 750 rpm
- ⌚ Working speed: 2,5Km/h depending on the working conditions.
- I Working height: adjustable from 30 to 60 cm
- ⊖ Working pressure: from 0,5 to 0,9 bar (adjustable with the tractor's PTO)



## MOD. 460-F FOR TABLE GRAPES



**Front** pneumatic deleafer with 2 bilateral heads cardan, electro-hydraulic joystick for hydraulic movements, with 2 piston kit for 90° head tilting in order to work on table grapes and small pergola vineyards. Compressor unit on the back of the tractor on the 3 point hitching system, 6 hydraulic movements with electrohydraulic joystick, 30° frame tilting, with support cart on wheels.

- ⚡ Min. required tractor power: 80 HP
- ⊕ PTO: 750 rpm or 1000 rpm depending on the tractor
- ⌚ Working speed: from 4 to 6 Km/h depending on the working conditions.
- I Working height: adjustable from 30 to 60 cm
- ⊖ Working pressure: from 0,5 to 0,9 bar (adjustable with the tractor's PTO)



# ACCESSORIES

3 POINT  
FRONT  
HITCHING



OIL  
COOLER  
KIT



LEANING  
WHEELS



ERGONOMIC  
JOYSTICK  
WITH BUTTONS



ADDITIONAL  
FLOW  
DIVIDER



PERFORMED  
WORK

## ADVANTAGES

The pneumatic defolier Olmi, allows for optimal grape development, increasing quality, resulting in improved product health and quality wine.

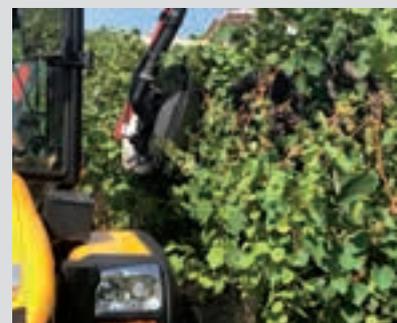
- Does not harm grapes during any period of use
- Since OLMi leaf remover does not work in contact with vegetation, it allows to work in any kind of vineyard.
- Short application times.

## POST-FLOWERING

- Grapes cleaning, removal of flowering residue, and all impurities on grapes
- Improves the penetration and efficacy of treatments, consequently reducing the amount of treatments with considerable costs savings
- Improves ventilation within the grapes, preventing the formation of moisture that is harmful for the fruit development.
- Prevents from Botrytis.
- Early stage leaves removal prevents from sun burning.

## IN PRE-HARVEST

- Facilitates manual harvesting with a saving of time of 30%, while with mechanical harvesting it eliminates moisture in the fruiting area and so a greater cleanliness of the crop can be reached, also fungicides and other impurities in the tanks of the harvesters can be reduced. Even in this phase the defoliator does not harm the grapes.



# OLMI

OLMI S.R.L.

Registered office: Via Serramassone, 9A 14055 Costigliole d'Asti (AT)

Production site: Via Cocito, 23 14040 Castelnuovo Calcea (AT) Tel. 0141-966268

[www.olmiagrivitis.it](http://www.olmiagrivitis.it) - [info@olmiagrivitis.it](mailto:info@olmiagrivitis.it)



follow us:

