



# SPAPPERI

COSTRUZIONE MACCHINE AGRICOLE

medicinal/aromatic herbs  
division



## OFFICIALI TRANSPLANTER: MODEL FOR THE SELECTION OF THE TRANSPLANTER

### 1. CONTACT

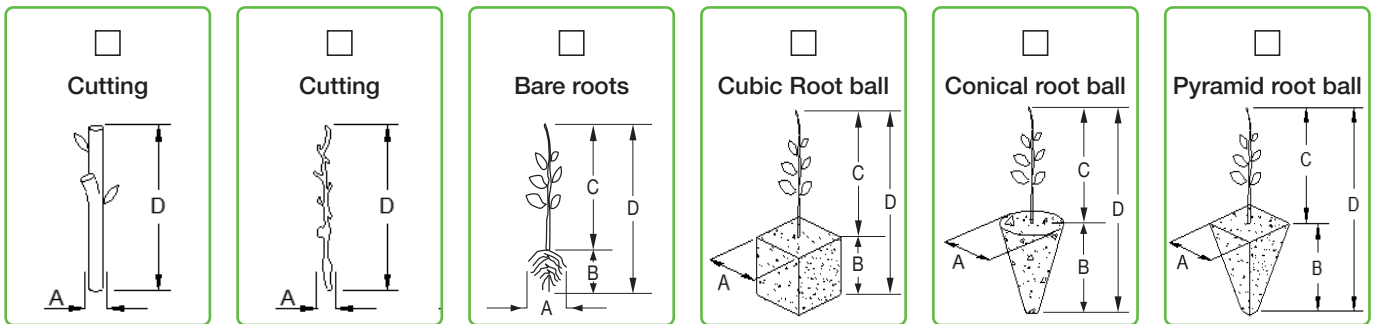
Customer / Company: \_\_\_\_\_

E-mail: \_\_\_\_\_ Mob. \_\_\_\_\_

### 2. TYPE OF PLANT

TYPE OF CULTURE: \_\_\_\_\_

FEATURES AND DIMENSIONS: A: \_\_\_\_\_ [mm.] B: \_\_\_\_\_ [mm.] C: \_\_\_\_\_ [mm.] D: \_\_\_\_\_ [mm.]

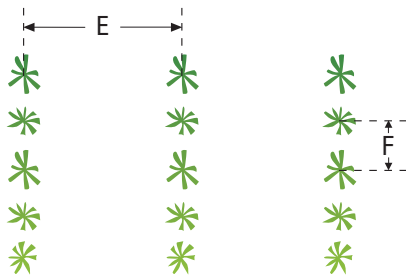


### 3. FEATURES AND DIMENSIONS

#### SPACING OF PLANTS

SINGLE Row    Nr. Rows \_\_\_\_\_

INTER-ROW E: \_\_\_\_\_ [cm.]    INTER-PLANT F: \_\_\_\_\_ [cm.]



#### TYPE OF TRANSPLANT

Transplant in open field

Transplant on ridges

RIDGE HEIGHT: \_\_\_\_\_ [cm.]

RIDGE WIDTH: \_\_\_\_\_ [cm.]

Transplant on green house

**TYPE OF SOIL**

- Clay and strong soil
- Sandy and light soil

**4. FEATURES OF TRACTOR**

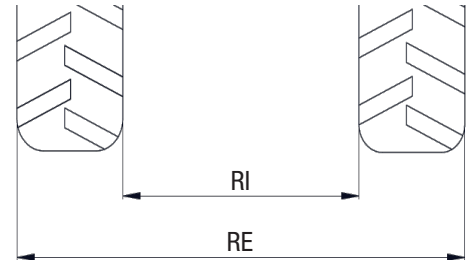
Internal rear wheels measurement **RI:** \_\_\_\_\_ [cm.]

External rear wheels measurement **RE:** \_\_\_\_\_ [cm.]

Power \_\_\_\_\_ [HP]

Lifting system hook category (I, II, II, IV) \_\_\_\_\_

GPS system **BRAND:** \_\_\_\_\_



**MODEL:** \_\_\_\_\_

**5. MAIN OPTIONALS**

- Fertilizer spreader
- Watering box
- Watering in continuous
- Support dripline reel
- Tray holder
- Additional tray holder

**6. OPTIONALS**

- Fertiliser spreader
- Manual disk row tracer
- Hydraulic disk row tracers
- Local fertiliser distributor
- Dripline burying/laying device
- Rubber roller per element (twindrive only)

**7. NOTES**

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Date: \_\_\_\_\_

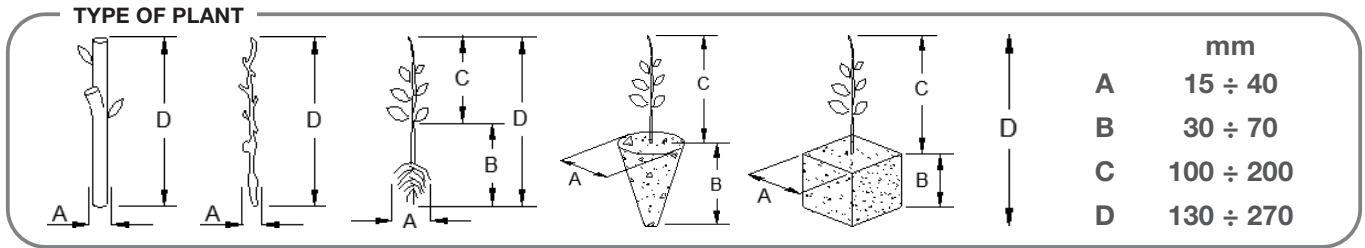
\_\_\_\_\_  
(Signature for order confirmation)

# TRANSPLANTER TU 40 TWINDRIVE

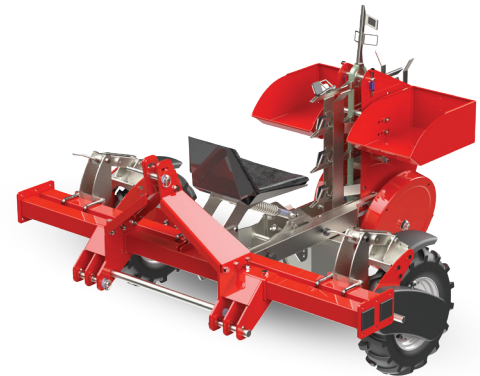
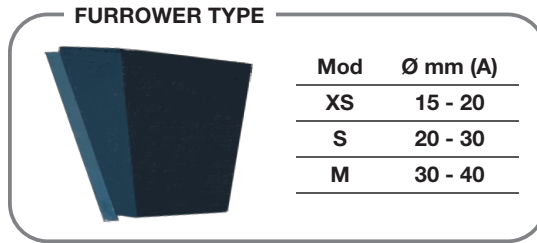
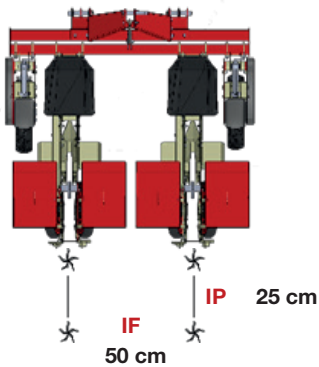
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TU universal transplanter suitable for transplanting cuttings, bare-root and cube seedlings. Transmission type TWINDRIVE with a pair of side drive wheels and drive bar. Machine equipped with oscillating and independent transplant elements with adjusting spring. The spring compression system makes the penetration of the furrower effective and constant, as well as ensuring the correct pressure on the ridger wheels. Easily adjustable ridger wheels ensure correct transplant depths.



**MINIMUM TRANSPLANTATION MEASURES**



**REGULAR EQUIPMENT** • TF fixed frame with hooks I and II Cat • Element with oscillation and adjustable compression spring • Mechanical transmission TWINDRIVE • Chain distribution system for pincers with 40 links (excluding pincers) • Ridging wheels of diameter 600 mm with easy adjustment of width (between the wheels) and height for the optimization of the depth of transplantation • Standard plant tray holder • Padded seat with backrest • **gear kit for adjustment of inter-plant distance.**

*The regular equipment does not include the equipment on request as pincers and furrower.*

**EQUIPMENT ON REQUEST** • Furrower available in various sizes and customizable on the basis of plants • Pincers for primary selection of the inter-plant.

|                    |    | TU40 100    | TU40 300    |
|--------------------|----|-------------|-------------|
| Elements           | nr | 1           | 3           |
| Fixed frame TF     | cm | 200         | 400         |
| Inter-rows minimum | cm | -           | 50          |
| Inter-rows maximum | cm | -           | 180         |
| Weight             | kg | 290         | 570         |
| Power              | Hp | 30-40       | 60-70       |
| Cod                |    | 315 200 100 | 315 400 300 |

**TRANSPLANTATION MEASURES**

Minimum inter-rows (IF) 50 cm

| Nr. Pincers | Inter plant (IP) |
|-------------|------------------|
| 4           | 60 - 180         |
| 5           | 50 - 150         |
| 8           | 30 - 95          |
| 10          | 25 - 75          |

*Table for the selection of the INTER-PLANT variable range depending on the gear*

| Cod.                      | Description | Use    |
|---------------------------|-------------|--------|
| <b>OPTIONS ON REQUEST</b> |             |        |
| 00315 00 05               | Pincers     | Nr X E |
| 00315 00 45               | Furrower XS | 1 X E  |
| 00315 00 46               | Furrower S  | 1 X E  |
| 00315 00 47               | Furrower M  | 1 X E  |

| Cod.                      | Description   | Use   |
|---------------------------|---|-------|
| <b>ADDITIONAL OPTIONS</b> |   |       |
| 00300 20 07               | Kit fertilizer spreader for Twindrive transmission with iron box and adjustable dispenser for row | 1 X E |
| 00300 30 29               | Holder for 1 driplines coil for frame (excluding subsoiling device)                               | 1 X E |
| 00300 30 30               | Holder for 2 driplines coils for frame (excluding subsoiling device)                              | 1 X E |
| 00300 30 43               | Simple dripline laying/burying device for frame (excluding reel holder)                           | 1 X E |

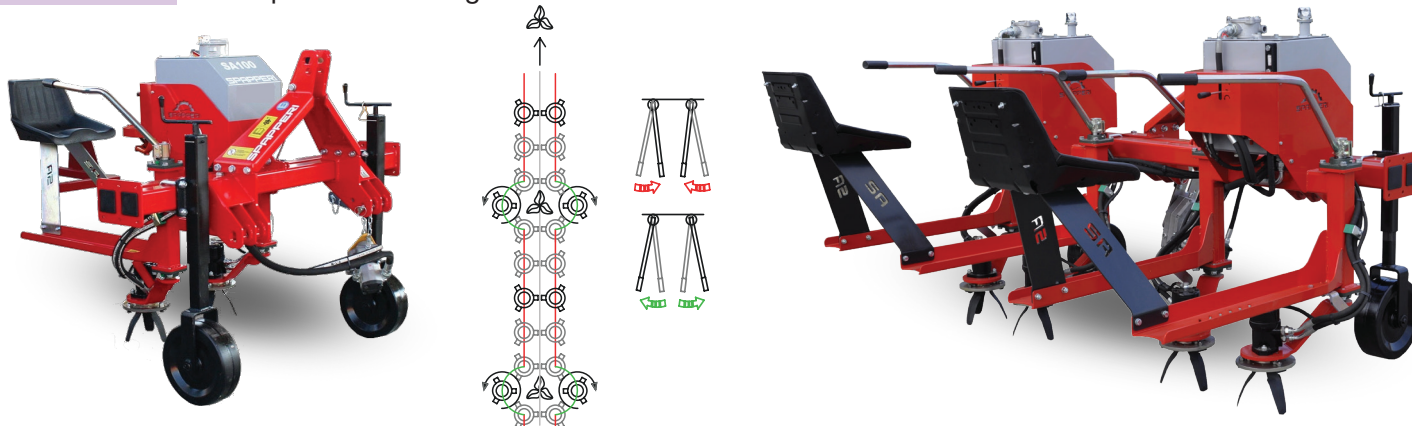


## Inter-plant vertical weeder.

Semi-automatic equipment with independent elements for weeding between plants of any type of cultivation in rows.

### Available in the following models

**Mod SA M:** hand-operated weeding machine

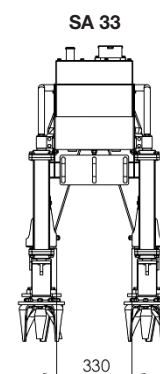


**REGULAR EQUIPMENT** • Fixed frame TF with connection for I and II Cat. and height adjustable side support wheels • Parallelogram for adaptation of the element to the ground • Independent hydraulic system with pump unit / multiplier, 40-litres tank and hydraulic motors with direct connection to the cutters • Vertical cutters with three hoes diameter 25 cm • Padded seat with backrest • Manual cutters opening and closing controls • Manually operated valve for reversing the direction of rotation of the rotary tillers.

### Available in the following versions

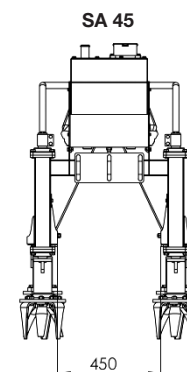
**AII. SA 33 M:** element with maximum width between the rotary tiller of 33 cm

|                     |    | SA133M      | SA233M      | SA333M      | SA433M      |
|---------------------|----|-------------|-------------|-------------|-------------|
| Elements            | nr | 1           | 2           | 3           | 4           |
| Fixed frame TF      | cm | 160         | 200         | 250         | 300         |
| Inter- rows minimum | cm | -           | 50          |             |             |
| Inter- row maximum  | cm | -           | 150         | 100         | 84          |
| Weight              | kg | 285         | 455         | 625         | 810         |
| Power               | Hp | 20-30       | 30-40       | 50-60       | 70-80       |
| Cod                 |    | 670 000 100 | 670 000 200 | 670 000 300 | 670 000 400 |



**AII. SA 45 M:** element with maximum width between the rotary tiller of 45 cm

|                     |    | SA145M      | SA245M      | SA345M      | SA445M      |
|---------------------|----|-------------|-------------|-------------|-------------|
| Elements            | nr | 1           | 2           | 3           | 4           |
| Fixed frame TF      | cm | 160         | 200         | 250         | 300         |
| Inter- rows minimum | cm | -           | 62          |             |             |
| Inter- row maximum  | cm | -           | 138         | 94          | 80          |
| Weight              | kg | 286         | 456         | 626         | 811         |
| Power               | Hp | 20-30       | 30-40       | 50-60       | 70-80       |
| Cod                 |    | 670 000 101 | 670 000 201 | 670 000 301 | 670 000 401 |



| Cod.        | Description  | Use   |
|-------------|--|-------|
|             | <b>ADDITIONAL OPTIONS</b>  |       |
| 00670 00 10 | Rear wheels adjustable stabilizers   | 1 X M |
| 00670 00 15 | Double rear tilting wheels stabilizers   | 1 X M |
| 00670 00 23 | Kit for lifting and repositioning the dripline   | 1 X E |
| 00670 00 33 | Hydraulic movement of the element  | 1 X E |
| 00670 25 32 | Rotary tiller Plus: 160cc hydraulic motors and vertical cutters with 30 cm diameter 4 hoes | 1 X E |

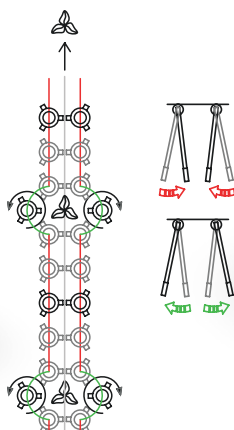
# INTER-PLANT WEEDER - SA H

medicinal/aromatic herbs division



Available in the following models

**Mod SA H:** hydraulic-operated weeding machine

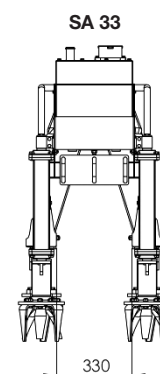


**STANDARD EQUIPMENT** • Fixed frame TF with connection for I and II Cat. and height adjustable side support wheels • Parallelogram for adaptation of the element to the ground • Independent hydraulic system with pump unit / multiplier, 40-litre tank and hydraulic motors with direct connection to the cutters • Heat exchanger for hydraulic circuit • Vertical cutters with three hoes diameter 25 cm • Padded seat with backrest • Hydraulic control integrated with the main circuit for opening and closing cutters • Manual control valve for reversing the direction of rotation of the cutters.

Available in the following versions

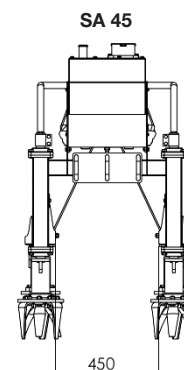
**All. SA 33 H:** element with maximum width between the rotary tiller of 33 cm

|                     |    | SA133H      | SA233H      | SA333H      | SA433H      |
|---------------------|----|-------------|-------------|-------------|-------------|
| Elements            | nr | 1           | 2           | 3           | 4           |
| Fixed frame TF      | cm | 160         | 200         | 250         | 300         |
| Inter- rows minimum | cm | -           | 50          |             |             |
| Inter-rows maximum  | cm | -           | 150         | 100         | 84          |
| Weight              | kg | 335         | 555         | 775         | 1010        |
| Power               | Hp | 20-30       | 40-50       | 60-70       | 70-80       |
| Cod                 |    | 671 000 100 | 671 000 200 | 671 000 300 | 671 000 400 |



**All. SA 45 H:** element with maximum width between the rotary tiller of 45 cm

|                     |    | SA145H      | SA245H      | SA345H      | SA445H      |
|---------------------|----|-------------|-------------|-------------|-------------|
| Elements            | nr | 1           | 2           | 3           | 4           |
| Fixed frame TF      | cm | 160         | 200         | 250         | 300         |
| Inter- rows minimum | cm | -           | 62          |             |             |
| Inter-rows maximum  | cm | -           | 138         | 94          | 80          |
| Weight              | kg | 336         | 556         | 776         | 1011        |
| Power               | Hp | 20-30       | 40-50       | 60-70       | 70-80       |
| Cod                 |    | 671 000 101 | 671 000 201 | 671 000 301 | 671 000 401 |



| Cod.        | Description  | Use   |
|-------------|--|-------|
|             | <b>ADDITIONAL OPTIONS</b>  |       |
| 00670 00 10 | Rear wheels adjustable stabilizers   | 1 X M |
| 00670 00 15 | Double rear tilting wheels stabilizers   | 1 X M |
| 00670 00 23 | Kit for lifting and repositioning the dripline   | 1 X E |
| 00670 00 33 | Hydraulic movement of the element  | 1 X E |
| 00670 25 32 | Rotary tiller Plus: 160cc hydraulic motors and vertical cutters with 30 cm diameter 4 hoes | 1 X E |

Trailed-mounted harvesting machine with hydraulic drive. Harvester composed of belt for continuous unloading on the rear/lateral trailer.



**REGULAR EQUIPMENT** • Frame with integrated 3-point attachment for I and II Cat hooks. • Hydraulic frame for the alignment of the cutting head during the collection and the reduction of the space, during the transport, with system of rotation at 180° hrs manual • Crop discharge belt with hydraulic tilt adjustment • Hydraulic cylinder for cutting height adjustment • Complete auxiliary hydraulic system.

|                        |              |               |
|------------------------|--------------|---------------|
|                        |              | <b>MP 100</b> |
| Tractor power required | Hp           | 60÷80         |
|                        | PTO giri/min | 540           |
| Inter- rows minimum    | mm           | 800           |
| Working speed          | Km/h         | 3 ÷ 4         |
| Weight                 | Kg           | 790           |
| Cod.                   |              | 230 000 100   |



Rotation system at 180°



Trailed-mounted harvesting machine with hydraulic drive. Harvester composed of conveyor belt for unloading the products on the rear platform. Ideal for collection in big bags/bins or bulk product.



**REGULAR EQUIPMENT** • Frame with integrated 3-point attachment for I and II Cat hooks. • Rear platform dim 2.6 X 1.2 m, foldable for road transport • Double overlapping belt for product unloading with anti-wind function, width 50 cm, resealable for road transport • Hydraulic cylinder for the adjustment of the cutting height • OMNIA cutting head suitable for any type of officinal cultivation in rows.



|                        |              | MI 100      |
|------------------------|--------------|-------------|
| Tractor power required | Hp           | 45÷60       |
|                        | PTO giri/min | 540         |
| Inter- rows minimum    | mm           | 800         |
| Working speed          | Km/h         | 2 ÷ 3       |
| Weight                 | Kg           | 830         |
| Cod.                   |              | 230 000 130 |

### CUTTING HEAD



Manual locking system for road transport, time required 2 minutes, 1 operator.

### Mod OMNIA

Cutting head equipped with 2 lateral helical cones for lifting and conveying the plants, without tearing, on the 2 corrugated belt that narrow the mass towards the 60 cm wide bi-blade cutter bar with interchangeable knives, complete with side support wheels. Adjustable cutting height from 100 to 700 mm.

High productivity self-propelled harvesting machine for medicinal/aromatic herbs, suitable for medium extensions.



**REGULAR EQUIPMENT** • Motor: Power 74 KW (100 HP) • Battery: 12V -140 Ah • Hydraulic system with tandem pump 64cc 350 bar max, cooling system via heat exchanger, hydraulic tank capacity 140 liters • Conveyor belt: single width of 2000 mm. Complete with side protection anti-fall • Steel box with opening of the door with hydraulic control. Capacity about 10 mc. • Exhaust system through floor feed, • Complete cabin with air conditioning.

*The does not include the equipment on request as the cutting heads.*

**REGULAR EQUIPMENT** • Available ASPO or OMNIA cutting head

| Cod.        | Description     |
|-------------|-----------------|
| 515 000 141 | Harvester RE141 |

### Available 2 cutting heads:

#### Mod. ASPO

Cutting head equipped with aspo and bi-blade cutter bar. Adjustable cutting height from 200 to 700 mm.

#### Mod OMNIA

Cutting head equipped with 2 lateral helical cones for lifting and conveying the plants, without tearing, on the 2 corrugated belt that narrow the mass towards the 60 cm wide bi-blade cutter bar with interchangeable knives, complete with side support wheels. Adjustable cutting height from 200 to 700 mm.

| Cod.                        | Description                               | Use   |
|-----------------------------|---|-------|
| <b>EQUIPMENT ON REQUEST</b> |   |       |
| 00515 00 20                 | Cutting head Mod. ASPO 2000 width 2000 mm | 1 X M |
| 00515 00 05                 | Cutting head Mod. OMNIA                   | 1 X M |

### TECHNICAL SPECIFICATION

**Transmission:** Hydrostatic reversible transmission with forward/reverse lever

**Steering:** Hydraulic on front axle.

**Brakes:** Hydraulic on rear axle

**Wheels:** N 4 wheels with tyres 340/65 R20

**Track width:** 2120 mm

**Wheelbase:** 2680 mm

**Maximum width:** 2550 mm

**Maximum length:** 7060 mm

**Maximum height (not during unloading):** 3830 mm

**Maximum discharge height:** 3000 mm

**Discharge time:** 2 minutes

**Maximum road speed:** 23.5 Km/h

**Working speed:** 8 Km/h

**Machine weight:** 5.300 Kgs.



Self-propelled harvesting machine for medicinal/aromatic herbs with high productivity, suitable for high extensions.



**REGULAR EQUIPMENT** • Engine: Power 105 KW (142 HP) • Battery: 12V -140 Ah • Hydraulic system with tandem pump 64cc 350 bar max, cooling system via heat exchanger, hydraulic tank capacity 180 liters  
 • Conveyor belt composed of 2 overlapping belts 200 cm wide, windproof, with hydraulic control operating speed adjustment • Cab complete with air conditioning • Steel box, with hydraulic opening rear door. Capacity about **20-22 cubic meters** • **Rear stabilizer feet with rear hydraulic control, complete with level for safe discharge** • Stem exhaust system with 3 catenaries (2 lateral plus 1 central) motorized.  
*The regular equipment does not include equipment on request as the cutting heads.*  
**EQUIPMENT ON REQUEST** • Available ASPO or OMNIA cutting head.

| Cod.        | Description     |
|-------------|-----------------|
| 515 000 241 | Harvester RE241 |

### Available 2 cutting head

#### Mod. ASPO

Cutting head equipped with aspo and bi-blade cutter bar. Adjustable cutting height from 200 to 700 mm.

#### Mod HEAD OF CUTTING

Cutting head equipped with 2 lateral helical cones for lifting and conveying the plants, without tearing, on the 2 corrugated belt that narrow the mass towards the 60 cm wide bi-blade cutter bar with interchangeable knives, complete with side support wheels. Adjustable cutting height from 200 to 700 mm.

| Cod.        | Description                         | Use   |
|-------------|-------------------------------------|-------|
|             | <b>EQUIPMENT ON REQUEST</b>         |       |
| 00515 00 20 | Head Mod. ASPO 2000 - width 2000 mm | 1 X M |
| 00515 00 25 | Head Mod. ASPO 2500 - width 2500 mm | 1 X M |
| 00515 00 30 | Head Mod. ASPO 3000 - width 3000 mm | 1 X M |
| 00515 00 05 | Head Mod. OMNIA                     | 1 X M |

### TECHNICAL SPECIFICATION

- Transmission:** Hydrostatic reversible transmission with forward/reverse lever
- Steering:** Hydraulic on front axle.
- Brakes:** Hydraulic on rear axle
- Wheels:** N 4 wheels with Tyres 440/65 R20
- Track width:** 1500 mm
- Wheelbase:** 2970 mm
- Maximum width:** 2530 mm
- Maximum length:** 9500 mm
- Maximum height (not during unloading):** 3870 mm
- Maximum discharge height:** 3000 mm
- Discharge time:** 3 minutes
- Maximum road speed:** 20 Km/h
- Working speed:** 6 Km/h
- Machine weight:** 8,000 Kgs.





## INFORMATION

### NOMENCLATURE

**REGULAR EQUIPMENT:** Basic equipment of which the machine is made, does not include the equipment on request and accessories Outfitting









**ACCESSORIES ON REQUEST:** Accessories required by the customer according to their needs, mandatory to complete the basic functionalities of the machine and the consequent order

**EQUIPMENT ACCESSORIES:** Accessories required by the customer according to their needs not mandatory to the basic machine operation, optional when ordering

**Nr X E :** available use is of a certain number of pieces for each element

**1 X E :** available use is one piece for each element

**1 X M :** available use is of one piece for each machine

|                        |   |   |   |   |
|------------------------|---|---|---|---|
| <b>MACHINE COLOR</b>   |    |    |    |    |
|                        | <b>RED</b><br>RAL 3020  | <b>LIGHT GREY</b><br>RAL 7045   | <b>DARK GREY</b><br>RAL 7016  | <b>BLACK</b><br>RAL 9005  |
| <b>CHARACTERISTICS</b> |  |  |  |  |
|                        | <b>Fast tuning</b>  | <b>Long resistance</b>  | <b>Good waterproof</b>  | <b>Good thermal insulation</b>  |

### INFORMATION

Medicinal/aromatic line technical/commercial overview, original texts in Italian from which the translations for the texts of foreign catalogues; in case of interpretative dissonance, this is the original that makes the text.

Technical data, measurements, photos and characteristics are reported in "good faith" and for information purposes; they are therefore not binding.

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*Edition: April 2022*



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