

## **COSTRUZIONE MACCHINE AGRICOLE**

## arboreal division









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

1. CONTACT  Customer / Compa	ny:				
E-mail:			Mob	•	
2. TYPE OF PLANT TYPE OF CULTURE:					
FEATURES AND DIMEN	SIONS: A: _	[mm.] E	:: [mm.]	C: [mm.]	D: [mm.]
Cutting	Cutting	Bare roots  C  D  A	Cubic root ball	Conical root ball	Cylindrical root ball
3. TYPE OF TRANS	SPLANTER				
SPACING OF PLANTS			! ! <del></del>	E ——▶	
☐ Single row	INTER-PLANT F: _	[cm.]	*	T .	*
☐ Multiple rows	Nr. Rows INTER-ROW E: INTER-PLANT F:	[cm.]	** ** ** **	*	* - * - * * * * *
TYPE OF TRANSPLAN	IT				
Depth of transplant	P:	[cm.]			
WIDTH OF STAKES	l:	[cm.]			L
DEPTH OF STAKES	H:	[cm.]			

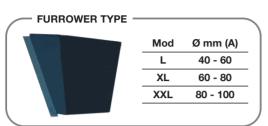
LENGTH OF STAKES L: \_\_\_\_\_[cm.]

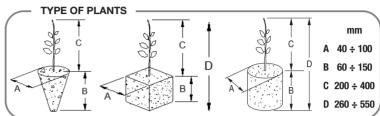


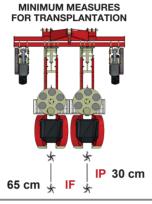
	TYPE OF SOIL				
	☐ Clay and strong soil	☐ Sandy and light	soil		
	☐ Flat	☐ Hilly			
4.	CHARACTERISTICS O	F THE TRACTOR			
	Internal rear wheels measu	rement RI:	[cm.]		
	External rear wheels measu	urement RE:	[cm.]		
	Tractor Power[	HP]		-	RI
	Lifting system hook categor	ry (I, II, II, IV)		-	RE
	GPS system BRAND:			MODEL:	
5.	MAIN OPTIONAL GPS				
	☐ GPS system for inter-pla	nt management		tem for inter-plant and inter- lded the translating frame)	row management
	☐ Fertiliser spreader ☐	Dripline burying/layi	ng device	☐ Subsoiling device	☐ Disc row tracers
6.	NOTES				
	Date:				
				(Signature for or	der confirmation)



Transplanter suitable for transplanting all nursery plants with large root ball with heights of 50 / 60 cm. Its strong point is the customization of the furrower specific for plants with cubes or pots with a diameter of 10 cm. The adjustable recoil wheels ensure excellent depth of transplantation. The spring compression system makes the penetration of the spreader effective and constant in soils previously worked and refined, as well as ensuring the correct pressure on the wheels.









**REGULAR EQUIPMENT** • Fixed frame TF with hooks for I and II Cat. • Mechanical transmission TWINDRIVE • Gears kit for inter-plant adjustment • Furrower opening blade • Adjustable compression spring • Pressure wheels of diameter 600 for easy adjustment of width (between wheels) and height of the optimization of the depth of transplant • Tray holder box • Operator seat with padding and backrest.

The standard equipment does not include the ACCESSORIES ON REQUEST, that is, the manifold and rotary distributor.

ACCESSORIES ON REQUEST • Furrower available in various sizes and customizable on the basis of the plants

• Rotary distributor with 6 cups available for plants with conical, cylindrical and cubic plates.

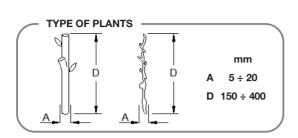
		TCM 100	TCM 200	TCM 300	TCM 400
Elements	nr	1	2	3	4
Fixed frame TF TF	cm	200	250	300	400
Inter-rows minumum	cm	-		65	
Inter-rows maximum	cm	-	180	115	110
Weight	kg	280	385	490	600
Power	Нр	30-40	40-50	50-60	60-70
Cod		331 201 106	331 201 206	331 201 306	331 201 406

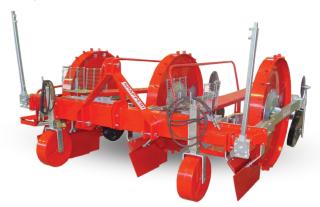
	Description	Use
Cod.	ACCESSORIES ON REQUEST	
00331 00 10	Furrower L	1 X E
00331 00 20	Furrower XL	1 X E
00331 00 30	Furrower XXL	1 X E
00331 00 40	Customized furrower	1 X E
00331 01 01	Rotary distributor with 6 cups for cubic plant	1 X E
00331 01 02	Rotary distributor with 6 cups for conical and cylindrical plant	1 X E
	Description	Use
Cod.	ADDITIONAL OPTIONS	
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

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Mechanical transplanting machine designed for the transplantation of graft holders, plant cuttings and nursery vine shoots, for various implants such as grapevines, poar, cypress, bay, roses, etc...





**REGULAR EQUIPMENT** • Fixed frame with lateral support wheels for manual depth adjustment working • Pressure/ridge wheels with easy camber, convergence and height adjustment for better adaptation to different types of soil • Rear ridger discs adjustable in height and convergence • Independent operator seat. The standard equipment does not include the ACCESSORIES ON REQUEST as the clamps, that is, the retractable calipers. **ACCESSORIES ON REQUEST** • Clamps for the selection on the inter-plan (see the table below).

Configuration with twin-	row	TT 100	TT 200	TT 300	
Elements	nr	1	2	3	
Fixed Frame TF	cm	160	200	300	
Inter-rows minimum	cm	-	70		
Inter-row maximum	cm	-	130	115	
Weight	kg	310	490	685	
Power	Нр	30-40	50-60	70-80	
Cod		360 001 100	360 001 200	360 001 300	

Configuration with twin row		TTB 200	TTB 400	
Elements	nr	2	4	
Fixed Frame TF	cm	200	400	
Inter-rows minimum	cm	30		
Inter-rows maximum	cm	70		
Inter-bina minimum	cm	-	100	
Inter-bina maximum	cm	-	190	
Weight	kg	490	960	
Power	Нр	50-60	90-100	
Cod		360 001 201	360 001 401	

MEASUR	EMENT OF TRANSPLANTER				
minim	minimum inter-row (IF) 70 cm				
Nr. Clamps	Inter-plant (IP)				
1	367 cm				
2	180 cm				
3	120 cm				
6	60 cm				
10	36 cm				
12	30 cm				
15	24 cm				
20	18 cm				
30	12 cm				
60	6 cm				

Table for inter-plant selection

	Description	Use
Cod.	ACCESSORIES ON REQUEST	
00360 00 01	Clamps	Nr X E
	Description	Use
Cod.	Description ADDITIONAL OPTIONS	Use
Cod.	•	Use 1 X E

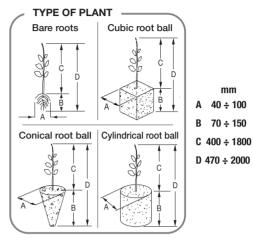




#### Transplanter for medium/large tree plants

Designed for precise transplants of tree plants with a height up to 180/200 cm both with bare roots and in pots with diameter up to 10 cm or greater (on request). **Possibility of transplantation combined with the brace.** 





#### Available in the following models

Mod. TN100 TF: transplanting element with quick coupling on fix frame

**REGULAR EQUIPMENT** • Special fix frame TF220 with hook for II and III cat. and side support wheels • Element with quick connection to the frame • Parallelogram for adaptation of the element to the ground,

- Pressure wheels for closing the groove Ø 600 mm with easy adjustment of the width (between the wheels) and height for an adjustment of the transplant depth Rear ridger discs adjustable in height and convergence
- Manual working depth adjustment Inter-plant distance control with electromechanical transmission wheel Double operator seat with padding and backrest.

The regular equipment does not include the ACCESSORIES ON REQUEST as the furrower.

**ACCESSORIES ON REQUEST** • Furrower available in various sizes and customizable on the basis of the plants, also for combined transplant with a stakes.

		TN 100 TF
Elements	nr	1
Fixed frame TF	cm	220
Inter-rows minimum	cm	-
Inter-rows maximum	cm	-
Weight	kg	900
Power	Нр	90-100
Cod		368 000 100



Mod	Ø mm (A)
L	40 - 60
XL	60 - 80
XXL	80 - 100

	Description	Use
Cod.	ACCESSORIES ON REQUEST	
00368 10 13	Furrower L	1 X M
00368 10 14	Furrower XL	1 X M
00368 10 15	Furrower XXL	1 X M
00368 10 00	Furrower personalised	1 X M
00368 15 13	Furrower L for transplantation combined with stakes	1 X M
00368 15 14	Furrower XL for transplantation combined with stakes	1 X M
00368 15 15	Furrower XXL for transplantation combined with stakes	1 X M
00368 15 00	Furrower personalized for transplantation combined with stakes	1 X M

	Description	Use
Cod.	ADDITIONAL OPTIONS	
00368 20 01	Pre-set for GPS/RKT kit for inter-plant adjustment and control	1 X M
00100 30 10	GPS/RKT kit for inter-plant adjustment and control*	1 X M



Mod. TN100 TSL: transplanting element with quick coupling on a sliding frame.

Recommended for precision transplantation that requires a cross-check of the guideline and the diagonal line of the planting pattern.

**REGULAR EQUIPMENT** • Special sliding frame TSL220 with coupling for II and III cat. and side support wheels • Element with quick connection to the frame • Parallelogram for adaptation of the element to the ground • Pressure/ridger wheels for closong the groove of closing the groove Ø 600 mm with easy adjustment of the width (between the wheels) and height for an adjustment of the transplant depth • Rear ridger discs adjustable in height and convergence • Manual working depth adjustment • Double operator seat • Pre-set to GPS/RKT system for inter-plant and inter-row distance adjustment.

The regular equipment does not include the ACCESSORIES ON REQUEST as the furrower.

**ACCESSORIES ON REQUEST** • Furrower available in various sizes and customizable on the basis of the plants, also for combined transplant with a stakes.

		TN 100 TSL
Elements	nr	1
Sliding frame	cm	220
Inter-rows minimum	cm	-
Inter-rows maximum	cm	-
Weight	kg	900
Power	Нр	90-100
Cod		368 001 100



Mod	Ø mm (A)
L	40 - 60
XL	60 - 80
XXL	80 - 100

	Description	Use
Cod.	ACCESSORIES ON REQUEST	
00368 10 13	Furrower L	1 X M
00368 10 14	Furrower XL	1 X M
00368 10 15	Furrower XXL	1 X M
00368 10 00	Furrower personalised	1 X M
00368 15 13	Furrower L for transplantation combined with stakes	1 X M
00368 15 14	Furrower XL for transplantation combined with stakes	1 X M
00368 15 15	Furrower XXL for transplantation combined with stakes	1 X M
00368 15 00	Furrower personalized for transplantation combined with stakes	1 X M

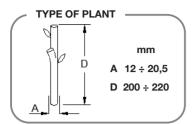
	Description	Use
Cod.	ADDITIONAL OPTIONS	
00100 30 30	GPS/RKT kit for inter-plant and inter-row adjustment and control*	1 X M



(\*) for control units and for connecting machines to your GPS/RTK and/or automatic steering systems of the tractor, newly installed or partly pre-existing, technical verification is required during the offer.



Hydraulic transplanting machine for cuttings with the possibility of transplanting even on mulched soils.







**REGULAR EQUIPMENT** • TF fixed frame with I and II Cat. • 2 metal basket containers per element • Double operator seat, with padding and backrest • Element with coupling for II and III cat.

The regular equipment doe not include the ACCESSORIES ON REQUEST as the injector clamps.

**ACCESSORIES ON REQUEST** • Number of clamps for the selection of the inter-plant, see table below.

TRANSPLANTATION MEASURES			
Inter row (IF) min. 50 cm			
Nr. Clamps Inter plant (IP)			
4	100 cm		
5	80 cm		
8	50 cm		
10	40 cm		
16	25 cm		

		TP 100	TP 200
Elements	nr	1	2
Fixed frame TF	cm	160	250
Inter-rows minimum	cm	-	50
Inter-rows maximum	cm	-	90
Weight	kg	750	1350
Power	Нр	80-90	100-110
Cod		350 001 100	350 001 200

	Description	Use
Cod.	ACCESSORIES ON REQUEST	
00300 20 10	Injector clamps	Nr X E

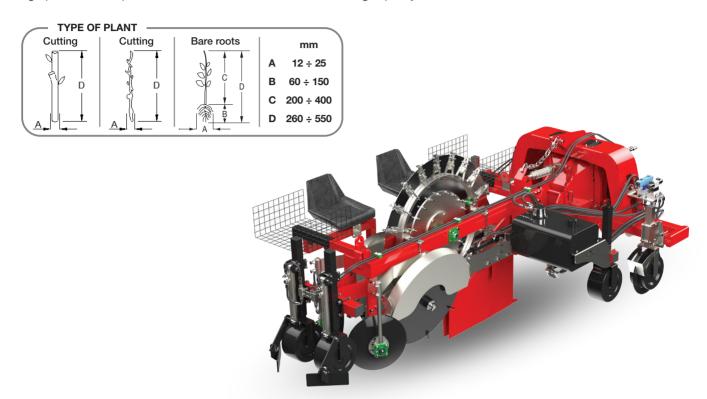
	Description	Use
Cod.	ADDITIONAL OPTIONS	
00300 10 11	Front pressure rollers in iron	1 X M
00300 20 11	Manual lifting disc tracers	1 X M
00300 20 13	Disc trackers with hydraulic lift	1 X M





Transplanting machine with rotary system with clamps designed for transplanting of bare root vine shoots, cuttings, for both flat and sloping land.

High performance production model, flexible, versatile and high quality.



#### Available in the following models

Mod. TH100 TF: transplanting element with quick coupling on fixed frame

**REGULAR EQUIPMENT** • Fixed frame TF 220 with coupling for II and III Cat. and side support wheels • Element with quick coupling and rigid connection to the frame • Pressure wheels for closing the groove Ø 750 mm • Rear ridger discs adjustable in height and convergence • Independent hydraulic system complete with oil tank 60 L, pumps, multiplier, and solenoid valve for ejector • Double operator seat, with padding and backrest • Hydraulic rear support wheels for adjustment of the depth of of the transplanter and for compaction and final arrangement of the ground • Inter-plant distance control with electromechanical transmission wheel.

		TH 100 TF
Elements	nr	1
Fixed frame TF	cm	220
Inter-rows minimum	cm	-
Inter-rows maximum	cm	-
Weight	kg	1500
Power	Нр	120-150
Cod		370 000 100

	Description	
Cod.	ADDITIONAL OPTIONS	
00370 30 29	Hose layer carrier kit for 1 coil (excluding subsoiling devices)	1 X M
00370 30 31	Simple dripline laying/burying device for frame (excluding reel holder)	1 X M
00370 20 01	Pre-set for GPS/RKT kit for inter-plant adjustment and control	1 X M
00100 30 10	GPS/RKT kit for inter-plant adjustment and control*	1 X M

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#### arboreal division

Mod. TH100 TSL: transplanting element with quick coupling on a sliding frame.

Recommended machine for precision transplantation that requires a cross-check of the direct and diagonal line of the planting pattern.

**REGULAR EQUIPMENT** • Special frame TSL 220 for element translation with coupling for II and III Cat. and side support wheels • Element with quick coupling and rigid connection to the frame • Pressure wheels for closing the groove Ø 750 mm • Rear ridger discs adjustable in height and convergence • Independent hydraulic system complete with oil tank 60 L, pumps, multiplier, and solenoid valve for ejector • Double operator seat, with padding and backrest • Hydraulic rear support wheels for adjustment of the depth of transplanting and for compaction and final arrangement of the ground.

Pre-set for GPS/RKT kit for inter-plant and inter-row adjustment and control.

		TH 100 TSL
Elements	nr	1
sliding frame	cm	220
Inter-rows minimum	cm	-
Inter-rows maximum	cm	-
Weight	kg	1530
Power	Нр	120-150
Cod		370 001 100

	Description	Use
Cod.	ADDITIONAL OPTIONS	
00370 30 29	Hose layer carrier kit for 1 coil (excluding subsoiling devices)	1 X M
00370 30 31	Simple dripline laying/burying device fro frame (excluding reel holder)	1 X M
00100 30 30	GPS/RKT kit for inter-plant and inter-row adjustment and control*	1 X M



(\*) for control units and for connecting machines to your GPS/RTK and/or automatic steering systems of the tractor, newly installed or partly pre-existing, technical verification is required during the offer.



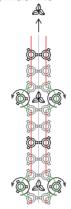
#### Inter-plant vertical weeder. Semi-automatic.

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







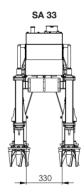


**REGULAR EQUIPMENT** • Fixed frame TF with connection for I and II Cat. and height adjustable side support wheels • Parallelogram for adaptation of the element to the ground • Independent hydraulic system with pump unit / multiplier, 40-litres tank and hydraulic motors with direct connection to the 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

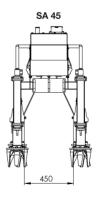
All. SA 33 M: element with maximum width between the rotary tiller of 33 cm

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



All. 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-rows maximum	cm	-	138	94	80
Weight	kg	286	456	626	811
Power	Нр	20-30	30-40	50-60	70-80
Cod		670 000 101	670 000 201	670 000 301	670 000 401

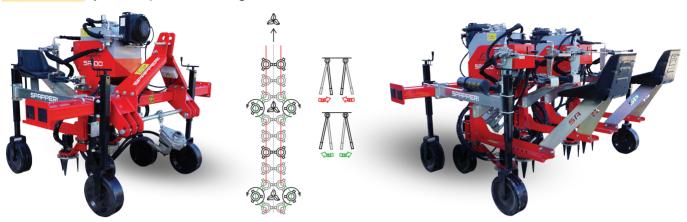


	Description	Use
Cod.	ADDITIONAL OPTIONS	
00670 00 10	Rear wheels adjustable stabilizers	1 X M
00670 00 15	Double rear tilting wheels stabilizers	1 X M
00670 00 23	Kit for lifting and repositioning the dripline	1 X E
00670 00 33	Hydraulic movement of the element	1 X E
00670 25 32	Rotary tiller Plus: 160cc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



#### Available in the following models

Mod SA H: hydraulic-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-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	Нр	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	Нр	20-30	40-50	60-70	70-80
Cod		671 000 101	671 000 201	671 000 301	671 000 401



	Description	Use
Cod.	ADDITONAL OPTIONS	
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



#### 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:** A cesories required by the customer according to their needs, mandatory to complete the basic functionalities of the machine and the consequent order

**ADDITIONAL OPTIONS:** 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





RED RAL 3020



LIGHT GREY RAL 7045



DARK GREY RAL 7016



BLACK RAL 9005

#### **CHARACTERISTICS**



Fast tuning



Long resistance



Good waterproof



Good termal

#### INFORMATION

Arboree line technical/commercial overview, original texts in Italian from which the translations for the texts of foreign catalogues; in case of interpretative dissonance, the Italian version is the original.

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