

MEGA AIR SYSTEM



- Stainless steel air coming with 18 blades to ensure homogeneous air volume distribution on both fan sides
- Triple air ducting system, which prevents the collision between fastest air produced in the upper part of propeller and slower generated in the central part. This system increases the efficiency
- Duraluminium propeller hub with steel sleeve to prevent wear due to friction with the clutch
- 8 adjustable helical pitch blades that regulate energy / power absorption, reducing noise level and fuel consumption.
- Pale made of nylon and fiberglass. Lightweight, resistant, rigid and unalterable to corrosion
- Stainless steel air cowling
- Mañez Lozano gearbox with two speeds and a neutral, able to transmit big power
- Alluminium iron clutch that makes a soft and progressive start
- Stainless steel pipes

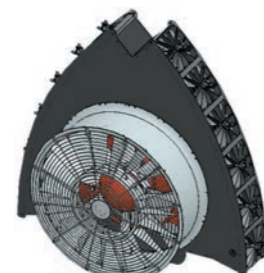


DINAMIC

The Ø820 and Ø920 fans specifically designed for olive and almond trees incorporate a triple air ducting and 8 adjustable blades that provide high efficiency for low consumption.



TWISTER S5



TWISTER S6

S5 and S6 TWISTER FAN are equipped with diffusers that produce a spiral-shaped turbulent airflow that gives movement to the leaf mass. This system avoids the formation of leaf screens, and optimizes the penetration inside the tree.

MEGA



mañez lozano

Passion, experience, compromise and innovation



MEGA

AIR SYSTEM CHARACTERISTICS

FAN	BLADES	SPEED	NOZZLE HOLDERS	CLUTCH	AIR DUCTS	HP	RANGE (m)	
Ø mm	nº	gear			nº	RPM 540	LAT.	VERT.
920	8	1	18	✓	2	40	7	6
920	8	2	18	✓	2	51	9	8
920TW	8	1	30/36	✓	3	40	7	6
920TW	8	2	30/36	✓	3	51	9	8



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DISTRIBUTOR:

STANDARD EQUIPMENT

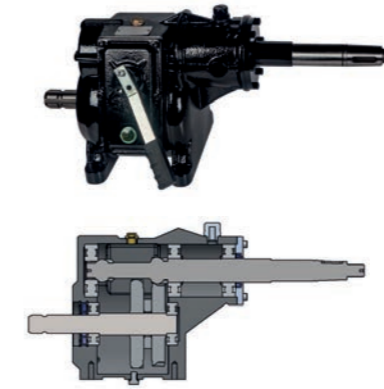
- Double structural tube frame
- Telescopic drawbar
- Side step for reaching tank filler lid
- Jockey wheel for parking sprayer
- Fiberglass tank with level indicator and internal baffles tank
- Fiberglass tank for hand wash and system rinse
- Products mixer
- Cleaning robot inside the main tank
- Hydraulic stirrer
- Mañez Lozano high pressure piston pump with reduction shaft
- ON/OFF electric control unit
- Through tank pto class 4 SAE G7
- Tractor PTO category 4 SAE G7



The Mañez & Lozano reductor shaft pump is specially designed for atomizers. This pump is mounted with a reduction and through shaft: the through shaft allows to directly transmit the revolutions of the tractor joint shaft to the air system, and reduction decreases revolutions of the pump crankshaft, lowering the power absorption and, therefore, both the fuel consumption and wear of the pump.

Control command with double switch to increase or decrease pressure (optional) and two switches to activate or deactivate the left and right solenoid valves.

MEGA



MAÑEZ LOZANO GEARBOX

- Parallel axes with two speeds and neutral
- Cast iron housing of great robustness
- Transmission ratio for slow speed 1: 3.5 and 1: 4.4 for fast speed
- Oil bath lubricated gear
- Easy access and maintenance
- Mechanism able to support strong power



VOLUMETRIC CONTROL COMMAND

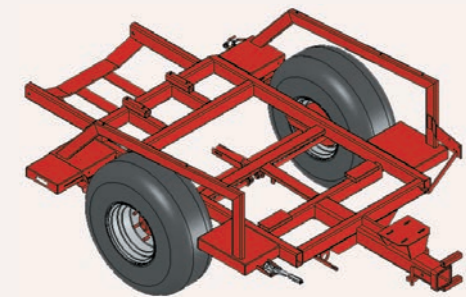
- It is able to apply required l/ha for each treatment depending on forward speed (DPA) and distance between rows
- 3.2 TFT color display (320x240), which allows to visualize all the functions at same time
- Identification of electrical failures indicated by alarms on the screen
- Agenda that allows to work on 50 different orchards and 15 different treatments



SISTROMATIC CONTROL COMMAND

- Ultrasonic sensors to detect trees
- Counters of plants and trees in real time
- Control of input and output delays
- 3.2 TFT color screens (320x240) with backlit keyboard
- Identification of electrical faults using on-screen alarms

MEGA FRAME



- Designed for large farms and difficult terrain
- Double structural tube frame
- Better stability on sloping or uneven terrain
- Additional lateral tank attachments
- Ultrasound system protector wings
- Recommended use on semi-standard tractors (wheel arch following the tractor)

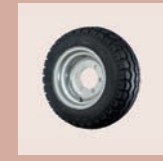
TECHNICAL SPECIFICATIONS

TANK CAPACITY (Liters)			SHAFT-DRIVE-TYRES			WEIGHT	DIMENSIONS		
MAIN	HAND-WASH	SYSTEM-RINSE	SHAFT	DRIVE	TYRES	KG	A	B	C
2000	15	200	60X1600	161-6T	11.5/80-15.3"	750	189	319	185
2500	15	250	60X1600	161-6T	11.5/80-15.3"	800	194	319	196
3000	15	300	70X1600	161-6T	13.0/65-18"	950	199	348	203
4000	15	400	70X1700	161-6T	400/60-11.5"	1500	220	372	223

OPTIONAL EQUIPMENT



ARTICULATED DRAWBAR TO TRACTOR HOOK



340/55-16" WHEELS



ARTICULATED DRAWBAR TO TRACTOR ARMS



ANTI-LEAF GRILL



LEAF FLAP



PRESSURE REGULATOR ELECTRONIC VALVE KIT



HYDRAULIC BRAKES



TRONIC VOLUMETRIC CONTROL KIT



LIGHTING INSTALLATION



SISTROMATIC CONTROL KIT



PARABOLIC CROSSBOW



PREMIXER



STAINLESS STEEL AIR CONVEYOR