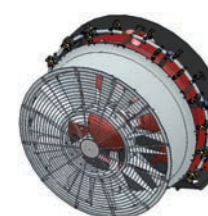


# SUPER AIR SYSTEM



- Stainless steel air coming with 18 blades to ensure homogeneous air volume distribution of air on both 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.
- Propeller with duraluminium 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 neutral, able to transmit big power.
- Alluminium iron clutch that allows a soft and progressive start and stop.
- Stainless steel pipes.



Ø820 and Ø920 special olive tree fan, have triple air ducting and 8 adjustable blades with low power consumption and high performance

DINAMIC



TWISTER S5



TWISTER S6

Twister S5 and Twister S6 incorporate twister diffuser. They generates spiral turbulent air flow, allowing to move the leaves and preventing shielding effect and getting best penetration inside the tree

FAN	BLADES	SPEED	NOZZLE HOLDERS	CLUTCH	AIR DUCTS	HP	RANGE (m)	
Ø mm	n°	gear			n°	RPM 540	LAT.	VERT.
820	8	1	16	✓	2	27	5	4
820	8	2	16	✓	2	38	7	6
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

AIR SYSTEM CHARACTERISTICS

# SUPER MANUAL SUPER SISTROMATIC



Poligono Industrial Norte, s/n  
46230 ALGINET (Valencia) España

Tels: (+34) 96 175 05 18 Fax: (+34) 96 172 18 40  
(+34) 96 175 12 66

[ml@manezylozano.com](mailto:ml@manezylozano.com)  
[www.manezylozano.com](http://www.manezylozano.com)

DISTRIBUTOR:



**mañez lozano**

Passion, experience, compromise and innovation



# SUPER MANUAL SUPER SISTROMATIC



## STANDARD EQUIPMENT

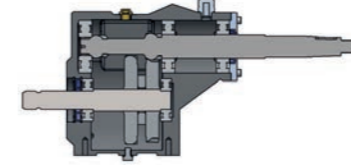
- Double structural tube frame
- Telescopic drawbar
- Side step for reaching tank filler lid
- Jockey wheel for parking sprayer
- Fiberglass tank with level indicator and internal baffles tank
- Fiberglass tank for hand wash and system rinse
- Multiple filtering system
- Product mixer
- Cleaning robot inside 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 reducer and through shaft: the through shaft allows us to directly transmit the revolutions of the tractor joint shaft to the air system, and the reduction decreases the revolutions of the pump crankshaft, lowering the power absorption and, therefore, both the fuel consumption and wear of the pump.

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

## SUPER



### 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

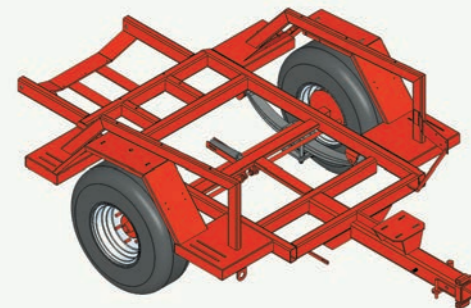
- It is able to apply required l/ha for each treatment depending on forward speed (DPA) and distance between rows
- 3.2 TFT color display (320x240), which allows to visualize all the functions at same time
- Identification of electrical failures indicated by alarms on the screen
- Agenda that allows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

## SUPER 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
1500	15	150	50x1700	161-6T	10.0/75-15.3"	400	650	299	160
2000	15	200	60x1600	161-6T	11.5/80-15.3"	450	750	319	185
2500	15	250	60x1600	161-6T	11.5/80-15.3"	550	800	319	196
3000	15	300	70x1600	161-6T	13.0/65-18"	600	950	348	203
4000	15	400	70x1700	161-6T	400/60-11.5"	900	1500	372	223

## OPTIONAL EQUIPMENT



ARTICULATED DRAWBAR TO TRACTOR HOOK



PRESSURE REGULATOR ELECTRONIC VALVE KIT



ARTICULATED DRAWBAR TO TRACTOR ARMS



TRONIC VOLUMETRIC CONTROL KIT



LEAF FLAP



SISTROMATIC CONTROL KIT



UPPER PLATFORM



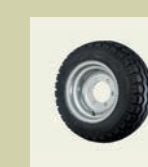
STAINLESS STEEL AIR CONVEYOR



PARABOLIC CROSSBOW



PREMIXER



SUPERIOR MODEL WHEEL