

MAZZOTTI
power - solutions - productivity

IBIS
3180 LP

TANK
CAPACITY **3150 L**

CLEARANCE AND TRACK



BOOM STAINLESS STEEL AND AIR ASSISTED

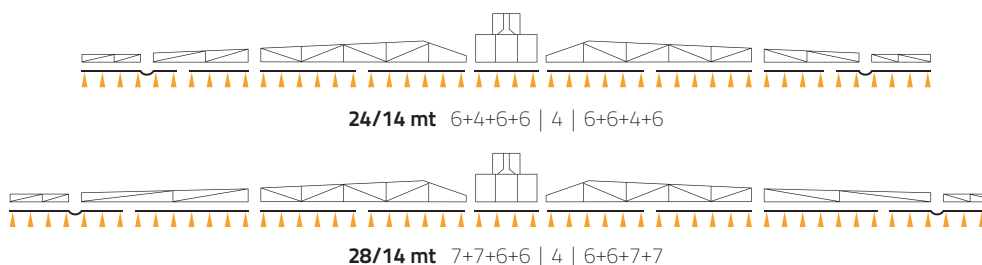
The Ti-M booms come also with stainless steel arms, totally free from any form of corrosion and oxidation, which, after some time, might weaken the boom structure.

the equipment with air assistance is also available for both steel and stainless steel booms. Adjustment of the turbine rotations from the cab allows to measure out the air on the base of the treatment needs and according to the adjustment angle of air outlet, allowing to contrast drift effect.

The 3180 LP is equipped with Ti-M lattice booms. The Ti-M series supports standard variable geometry arms with nitrogen accumulator and an efficient self-levelling system, allowing, along with the cushioned parallelogram and the wheel-independent suspensions, high working speed in safe conditions.

The booms independent folding system allows to overcome hurdles during work, and the safety joint protects the boom in case of impact.

The nozzles are always fully protected inside the boom structure. To avoid damage during transport, arms and central frame are hydraulically locked, becoming integrated with the selfpropelled and his suspension system.



WHEELS DRIVE

IBIS 3180 it comes with 2 rear driving wheels or 4 driving wheels, to move forward in extreme soil conditions. the 4-driving-wheel equipment includes a Poclain smart-drive anti-skid system which guarantees a constantly optimal drive.



The TERA display allows an efficient check of every function related to the engine, in real time. Ergonomic joystick and computer both at your fingertips, and a new console for comfortable and immediate management of the machine operations. Slow motion cruise control to adjust and maintain the working speed set for the work.



GROUND COMMANDS

All operation functions are contained in the right side compartment, which includes all the setting for filling and washing. the fast emptying premixer includes the washing nozzles container.

An external console operate hydraulically the lifting of the premixer, as well as all settings related to the motor rpm and the water pump of 280 L/min. With the high clearance setting, a convenient ladder is provided and positioned, when not used, in the compartment.



OPZIONAL



Hydraulic hose reel with centrifugal filling pump. Fast and simultaneous filling operation for both the main tank and the circuit washer, with a maximum pump capacity of 500 lt per minute, allowing extremely fast filling.



Hose reel with spray gun, working at 15-bar nozzle, for washing the machine. It is connected with the main water pump, using washing circuit water.



Hose reel with compressor for cleaning radiators and all parts which may need it.



Norac boom automatic leveling system with 3 sonic sensors. The system acts both on the pistons of variable geometry and parallelogram lifting, maintaining leveled the boom. The system allows you to set the sensor reading leaves, ground or by averaging in between.



Rear/front wheels and Hydraulic motor protection.



Wide choice of tires among which 270/95 R42 (1565X284) or 320/95 R38 (1500X315).

IBIS 3180 LP

Engine	John Deere PowerTech PSS 4 cylinders 4.5L 129 Kw (175 hp), Tier 4F AD BLUE or 6.8L 129 W (173 HP) T3a
Cooling	Water
Transmission	Hydrostatic
Hydrostatic pump	Sauer
Traction to wheel	Poclain motors
Traction	2 WD / 4 WD (*)
Antislipping device	Smart drive Poclain (only 4WD)
Shift gear	2
Speed	0-40 km/h
Gradeability	33%
Braking	Hydrostatic on the rear wheels or on the all 4 wheels
Parcking brakes	Rear wheels
Suspensions	On the 4 wheels
Tracking adjustment	Manual
Tracking	2250 - 2500 - 2700 - 2800 - 3000 mm
Standard clearance	1500 mm
Clearance on request	1700 / 1800 mm
Standard tires	270/95 R38
Steering wheels	Front wheels
Turning radius int/est	4150 / 6400 mm
Main water tank	Max 3150 lt

Fresh water tank	290 lt
Hand wash tank	15 lt
Fuel tank	151 lt
Hydraulic Oil Tank	135 lt
Premixer	40 lt Hydraulic lifting
Cabin	Pressurized, ergonomic consolle, Level 4 as standard
Carbon filters	Yes
Radio	Yes
Night working light	Yes
Ladder	Hydraulic
Booms	24 - 28 mt
Air assisted availability	Yes
Spraying computer	Bravo 400s or JD Gen 4 monitor
Water pump	280 lt/min 20 bars
Boom equipment	Variable geometry, self levelling hydraulic lock, independent folding arms, trijet jets with anti-drift fan nozzles
Dimensions	2850 x 7600 x 4000 mm
Total weight indicative	6300 Kg
Pitch	3880 mm
Weight distribution full water open boom	Front 45% - Rear 55%

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