

SELF PROPELLED SPRAYER **PAO 3500**

Evolutioning
together.

OMBU

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Máquinas Agrícolas OMBU S.A. | Remolques OMBU S.A.

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GESTION
DE LA CALIDAD
RI 9000 - 989 / RI 9000 - 990



Powering future.

OMBU
Máquinas agrícolas & Remolques

Evolutioning together.

Technical features.



New steering column and integrated set – armrest.



General specifications

- Wheels:** 12.4 x 46" radial tires
- Maximum height:** 4,10m
- Maximum width in transport position:** 3,8m
- Gauge:** 2,62 m
- Clearance:** 1,55 m
- Maximum boom height:** higher position: 2,3m
Lower position: 0,80m
- Working widths available:** 28m, 30m, 32m, 34m, 36m y 38m. Optional: carbon fiber wings till 48 m.
- Fuel tank capacity:** 275 litres
- Product tank capacity:** 3500 litres
- Water tank capacity:** 280 litres

Spraying system

Product tank filling average time: 16 minutes
Nozzel holder: brand ARAG | Quintuple type for 35 cm distance – Simple for 52.5 cm distance.
Spraying line: nozzles placed at 35 cm or 52,5 cm.
28 m boom – 5 sections
30 m / 32 m boom – 9 sections
34 m – 36 m – 38 m boom – 11 sections
Steering assisted with Load Sensing
Hydraulic agitation system

Spraying pump:

Brand HYPRO, model 9303C-HM5C w/556 litres/minute hydraulic motor

Loading pump:

Brand HYPRO, model 9342P-HM5C-5SPR w/780 litres/minute hydraulic motor control with PWM valve

Hydraulic system's pumps:

- 52 litres hydraulic pump for the activation of the spraying pump.
- 38 litres hydraulic pump for the activation of the steering, ladder, side locks, rear hitch, boom height lock, opening / folding at 45° and filling pump.

ENGINES

Cummins 6BTA 5.9 174 HP at 2500 rpm
Cummins 6BTA 5.9 152 HP at 2500 rpm

TRANSMISSIONS

Manual: EATON Fs4205 5 shifts gearbox
EATON differential relation 43/7
w/high – low electronic command.

Automatic: Allison 5 shifts gearbox
EATON differential relation 39/6 w/high – low electronic command and PoweShift.

Transmission chains: 1 ½" reinforced

TANK

Material: polyethylene
Capacity: 3500 litres
Clean water tank capacity: 280 litres
Average filling time: 16 minutes
Easy and comfortable operation commands.
Mixer for products loading.
Hydraulic agitation system.

CABIN

- Made in steel structure and fiber glass parts
- Pressurized cabin with activeted carbon filter set.
- Great open view.
- Adjustable steering column to reach the better driving position.
- Integrated seat and armrest equipped with pneumatic suspension and regulations.
- Armrest equipped with joystick to activate functions and Power Shift selector.
- Hanging pedals.
- 7" touch screen including the general information, on-off lights and hydraulic functions.
- Hydraulic functions can be operated from the touch screen or key-can placed on the side panel.
- Air conditioning and heater system.
- USB and 12 V attachment placed on the armrest.
- Auxiliary seat.



Brakes system composed by 4 discs and two pistons callipers.



Side wing lock system to avoid accidental openings.



Loading system and spraying pump operation placed on the same side of the machine. Independent circuits.

