



PREMIS

300 - 400 - 600 - 800



www.tecnoma.com

Tecnomat 
Green'novation solutions



THE CHASSIS

- Polyester coating and epoxy primer
- Cat I and II linkage for 300 & 400 ℓ and cat II linkage for 600-800 ℓ
- Tractor and compact tractor coupling
- Stainless steel bolts and nuts



Three dimensional tank maintain



Optimal and smart assembling

THE APPLICATION

Tanks

Light compact and resistant tanks, rotomoulded with high density polyethylene.

- Main tank :
 - 300, 400, 600 or 800 ℓ
 - 1 rotative washing nozzles for complete flushing
 - External tank gauge
 - Tank agitation valve
- Rinsing tank :
 - 40 ℓ for 300 and 400 ℓ version
 - 80 ℓ for 600 and 800 ℓ version
- Hand wash tank :
 - 15 ℓ



Robust proven chassis

PREMIS 800 ℓ tank



Main tank interior features

Tank : a complete equipment



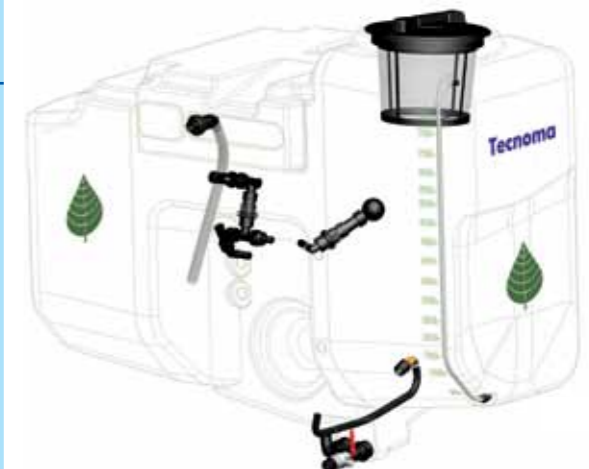
The TECNOMA know-how for your : service and security

- Chassis designed for intensive use
- Chassis designed for a three dimensional tank for increased longevity
- High quality paint process to resist chemical attacks : shot blasting, epoxy liquid paint and polyester powder paint
- Hitching for all type of tractors : agricultural or specialized



The TECNOMA know-how for your : service, and ensures your security and protection of the environment

- Accessories and equipment integrated in the PREMIS shape : design, protection and easy cleaning
- Smooth tank wall : limited waste residues and easy cleaning
- Specific shape in case of overflow
- Smart assembly of the different tanks for complete integration and compactness for a limited weight offset
- 1 rotative washing nozzle to rinse the main tank





Easy operating area

From the implementation to the application and up to the waste management, the PREMIS offers accessible and linked manual valves located on the same side of the machine.

- Filling with coupling Ø 300 mm for the main tank and Ø 140 mm for the rinsing tank
- Full tank drain by manual valve

Options :

- Filling injector
- Spirovit
- Filling hose with strainer
- Induction hopper

Pump and filtration : TECNOMA standards with well known performance

All TECNOMA sprayers are fitted with a piston-diaphragm pump to ensure a stable flow at a wide volume and pressure range.

- PM150 (60 l/min) piston diaphragm pump with a regulation by pressure regulator (Premis version)
- PM210 (105 l/min) piston diaphragm pump for Premis Regular and Premis Regular EV
- Simple PTO shaft
- Self priming pump and ability to go up to 15 bars
- 500 microns filling strainer



Induction hopper



Integrated pump and centralized operating area



THE REGULATION

PREMIS Regulation : regulation by pressure manual adjustment

The pressure regulator is located between pump and nozzles. The user needs to adjust manually the regulator to obtain the required working pressure. The pressure level is based on the rate of application and the selected nozzle. Once the adjustment is done, the pressure is stable. If the engine RPM moves, the pressure keeps the same level.

- Ø 64 mm pressure gauge
- Option : in-cab controls (on/off) by means of joystick.

PREMIS REGULAIR Regulation : regulation by manual pressure adjustment with pneumatic regulator

The pressure regulator spring is swapped with an air valve which is inflated to the required pressure. Once the pressure is adjusted, it keeps the same level and the regulator automatically compensates the section cut off without any calibrated return adjustment.

- Ø 64 mm pressure gauge
- Option : in cab controls (on/off) by means of joystick or electric pressure adjustment in cab.

PREMIS REGULAIR EV Regulation : regulation by manual pressure adjustment with pneumatic regulator and boom sections control by solenoid valves in the cab

- Option : electric pressure adjustment in cab.



Premis version : manual pressure regulator



Version Premis Regular : régulateur pneumatique





SPRAYING EQUIPMENT

10 meters hose and hand lance

50 meters hose and hand lance

AZUR BOOM (AZ)

- Steel and aluminium profiles
- Rear cross folding
- Manual height adjustment
- 3 working width : 7, 9 and 10 m
- Nozzle holders integrated in the boom : Rapid'Fix Monostop and one RFX red nozzle
- Transport width : 2,49 m

Options :

- Winch lift for height adjustment
- Trimatic (Nozzle holder for 3 nozzles)

TA BOOM

- Steel manual boom
- Manual rear horizontal folding
- Foldable front/rear arms in case of obstacles
- 4 working width : 7, 9, 10 and 12 m
- 2 sections for 7 and 10 meters version and 3 sections for the 12 meters version
- Nozzle holders integrated in the boom : Rapid'Fix Monostop and one RFX red nozzle
- Transport width : 2,49 m

Options :

- Albatross suspension
- lift for height adjustment and suspension by spring
- Hydraulic lift for height adjustment and suspension by nitrogen accumulator
- Trimatic (Nozzle holder for 3 nozzles)



Rampe GC (only for PREMIS 800 l version)

- Steel manual boom
- Manual rear cross folding
- Automatic locking for the outer arms
- 2 working width : 12 and 15m
- 3 sections for 12m version and 4 sections for the 15m version
- Rotoflex swivel to avoid hoses being pinched in the articulated parts
- Stainless steel pipes fitted with PENTAJET c/w DCV
- Choice of 2 nozzles within the NOZAL range and one blind cap
- Albatross suspension for the 15 m version
- Transport width : 2,40 m for the 12 m boom and 2,55 m for the 15 m version

Options :

- Albatross suspension for the 12 m version
- Lift for height adjustment and suspension by spring
- Hydraulic lift for height adjustment and suspension by nitrogen accumulator
- Tilt correction

Hydraulic GC boom (for the PREMIS 800l)

- Steel boom
- Rear cross folding with automatic hydraulic lock : Driven from an hydraulic DA (Double acting spool valve)
- Hydraulic winch lift : driven by an hydraulic SA (Simple acting spool valve)
- 2 working width : 12 and 15 m
- 3 sections for the 12 m version and 4 sections for the 15 m version
- Stainless steel pipes with PENTAJET c/w DCV
- Choice of 2 nozzles within the NOZAL range and one blind cap
- Albatross suspension for the 12 and 15m version

Options :

- Tilt correction
- Pre-select hydraulics (SC)





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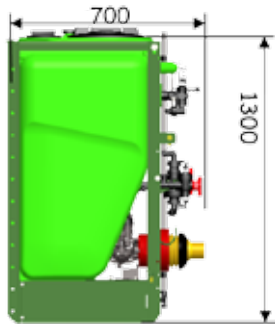


WEIGHT AND DIMENSIONS

PREMIS	Weight
PREMIS 300 ℓ w/o boom	115 kg
PREMIS 400 ℓ w/o boom	125 kg
PREMIS 600 ℓ w/o boom	165 kg
PREMIS 800 ℓ w/o boom	180 kg



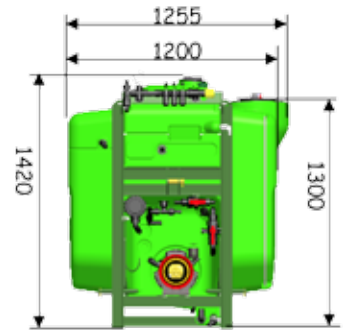
300 ℓ



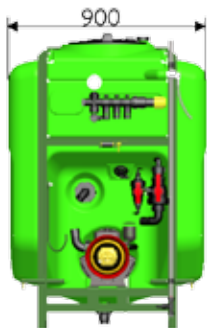
300 et 400 ℓ



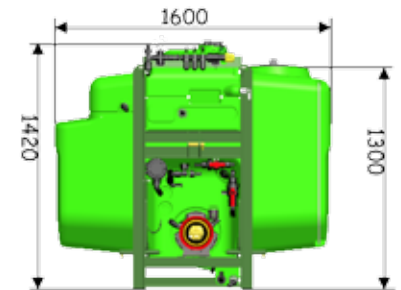
600 et 800 ℓ



600 ℓ



400 ℓ



800 ℓ



TECNOMA SERVICE

A worldwide network

Genuine parts available on CD and all the NOZAL nozzles range. www.nozal.fr

Dealer stamps

