

**AST-02HR**

**PRECIMET**  
*horticulture industry*

# SPRAYING AUTOMAT

## PIPE RAIL TROLLEY

Spraying productivity (m<sup>2</sup>/h): **3000-3500**

Min. / max. mast height (cm): **140 / 420**

Max. speed (m/min): **60**

Weight (kg): **330**



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## SPRAYING AUTOMAT PIPE RAIL TROLLEY

Mobile spray trolley with hose reel mechanism, double spray masts: main mast 18-24 adjustable nozzles (9-12 double nozzles in main mast+ extensions) and additional mast (6 double nozzles) for front & back of path + wall, SIEMENS PLC controller, full traction battery.

### Technical specifications

Min./max. mast height	140 cm / 420 cm
Max. speed while driving/spraying	60 m/min; 36 m/min
Dimensions trolley	1400/1800/CC+170
Spraying productivity	3000-3500 m <sup>2</sup> /h
Pump capacity (pressure)	40 bar
Weight of trolley	330 kg
Traction battery	2 x 12V, 110Ah

### The body

- compact design and easy to manoeuvre with automated wheels
- electric hose reel max. 120 m
- high quality electric valves from BRAGLIA
- front & rear strong bumpers
- easy access to the battery
- full traction battery (life cycle 1000-1200 charges)
- all lids are made of stainless steel

### Programmer

- PLC controller from SIEMENS
- up to 12 different programs available (recipes)

### Driving wheels

- wide cast iron wheels to protect the concrete path

### Spraying masts

- 2 spraying masts
- front mast with 6 double conical nozzles with pressure regulation
- main mast with 18-24 double nozzles (conical & double flat nozzles)
- all nozzles can be adjusted
- all nozzles can be switched off
- all nozzles are TEE-JET

### Options

Special "knee" to achieve better results in crop protection during spraying under the leaves.

Battery exchange set BS-110 – 2 slots.

Mobile battery station – include:

- 1 extra battery pack
- high frequency battery charger (fully automated!)  
110V/230V/50Hz 24VDC/20A



PLC controller from SIEMENS  
with touch panel



Maximum pressure 60 bar



Hose quick connector



24 double nozzles  
(conical & double flat nozzles)