

PRECIMET

GREENHOUSE EQUIPMENT



***WORLDWIDE SUPPLIER
FOR EVERY GROWER***

www.precimet.pl



Horticulture supplier since 1992

internationally renowned manufacturer of equipment for professional horticulture

- *production according to current directives and harmonised standards*
- *modern factory facilities and professional team of specialists*
- *over 30 years experience - since 1992*
- *clear rules of cooperation and flexibility*
- *long-term investments and relations*
- *individual approach to every client*
- *own design and engineering*
- *warranty and post-warranty service*
- *customer after-sales service*



www.precimet.pl

TABLE OF CONTENTS

PRECILIFT S-350 HYDRAULIC CROP CARE TROLLEY	4-5
PRECILIFT P-350 HYDRAULIC CROP CARE TROLLEY	6-7
AllTrack H STEERABLE HYDRAULIC CROP CARE TROLLEY	8-9
AllTrack M STEERABLE ELECTRIC CROP CARE TROLLEY	10-11
AllTrack S STEERABLE ELECTRIC CROP CARE TROLLEY	12-13
WHE-471 HYDRAULIC CROP CARE TROLLEY	14-15
WNE-402 ELECTRIC CROP CARE TROLLEY	16-17
HARVEST TROLLEY CUCUMBERS-TOMATOES Wdz-09	18-19
HARVEST TROLLEYS STRAWBERRIES	20-21
SPRAYING ROBOT AST 02HR	22-23
HIGH PRESSURE SPRAYING TROLLEY	24-25
MOBILE VERTICAL SPRAYING MAST FOR VEGETABLES	26-27
MOBILE SPRAYING MAST FOR FLOWERS AND STRAWBERRIES	28-29
WASHING MACHINE MS-03	30-31
MIXER FOR LIQUID AND LOOSE FERTILIZERS	32-33
TOMATO HOOKS	34-35



PRECILIFT S-350

PRECIMET
horticulture industry

HYDRAULIC TROLLEY FOR CROP CARE & CULTIVATION with MAINTENANCE FREE DRIVE UNIT



Dimensions platform (mm): **480x1990**

Min. height (mm): **530**

Max. height (mm): **3350**

Weight (kg): **510**

www.precimet.pl

HYDRAULIC PIPE RAIL TROLLEY

FOR CROP CARE & CULTIVATION with MAINTENANCE FREE DRIVE UNIT

New mobile pipe rail crop care trolley with equipped with 2 scissors with single hydraulic cylinder for lifting mechanism up to 3.35m high and two middle wheels which will make your operations on the concrete paths very easy and convenient

Technical specifications:

Dimensions platform	480 x 1990 mm
Min. height	530 mm
Max. height	3350 mm
Weight	510 kg
Traction battery	2 x 12V, 110Ah
Gearmotor	24 V / 350 W

Platform:

- wide entrances at two sides of the trolley (work platform),
- easy access on the working platform,
- safe entrances and safety railings,
- solid switches,
- toolbox built-in,
- rounded edges = no more plants being harmed
- dual USB socket built-in

Hydraulic scissors:

- stable double hydraulic scissors powered by 1 hydraulic cilinder
- high speed up and down (up to 20cm/min),
- long life of the electric motor, valves and relay (soft start & stop function)
- long life of the hydraulic power unit
- low energy consumption
- low maintenance cost

Driving wheels

- wide wheels to protect the concrete path
- maximum speed up to 90m/min (in turbo mode),

Chassis:

- easy access to the battery, and controls,
- full traction battery (life cycle 1000-1200 charges),
- extra operating panel integrated in chassis (battery indicator, charging plug, scissor up, and down switches, battery disconnecting switch, battery indicator)

Compliant with the EN-280:2015 regulations:

- dual axis tilt sensor with audible alarm,
- load sense system for detecting an overload of the work platform,
- easy access to the manual lowering valve for the work platform at the bottom,
- emergency stop at work platform,
- electronic dynamic brake,
- status indicator



Maintenance free single drive unit



Built in USB socket for external fan and/or mobile phone charging



Wide entrances at two sides of the trolley (work platform)



BDS operating panel, integrated in the chassis

PRECILIFT P-350

PRECIMET
horticulture industry

HYDRAULIC TROLLEY

FOR CROP CARE & CULTIVATION
with DUAL - MAINTENANCE FREE DRIVE UNIT



Dimensions platform (mm): **480x1990**

Min. height (mm): **530**

Max. height (mm): **3350**

Weight (kg): **510**

www.precimet.pl

HYDRAULIC PIPE RAIL TROLLEY

FOR CROP CARE & CULTIVATION with DUAL - MAINTENANCE FREE DRIVE UNIT

New mobile pipe rail crop care trolley with dual system electric drive 24VDC, equipped with 2 scissors with single hydraulic cylinder for lifting mechanism up to 3.35m high and two driven middle wheels which will make your operations on the concrete paths very easy and convenient,

Technical specifications:

Dimensions platform	480 x 1990 mm
Min. height	530 mm
Max. height	3350 mm
Weight	510 kg
Traction battery	2 x 12V, 110Ah
Gearmotors	24 V / 350 W x 2 pcs

Platform:

- wide entrances at two sides of the trolley (work platform),
- easy access on the working platform,
- safe entrances and safety railings,
- solid switches,
- toolbox built-in,
- rounded edges = no more plants being harmed
- dual USB socket built-in

Hydraulic mechanism:

- stable double hydraulic scissors powered by 1 hydraulic cilinder
- high speed up and down (up to 20cm/min),
- long life of the electric motor, valves and relay (soft start & stop function)
- long life of the hydraulic power unit
- low energy consumption
- low maintenance cost

Driving wheels

- wide wheels to protect the concrete path
- maximum speed up to 90m/min (in turbo mode),

Chassis:

- easy access to the battery, and controls,
- full traction battery (life cycle 1000-1200 charges),
- extra operating panel integrated in chassis (battery indicator, charging plug, scissor up, and down switches, battery disconnecting switch, battery indicator)

Compliant with the EN-280:2015 regulations:

- dual axis tilt sensor with audible alarm,
- load sense system for detecting an overload of the work platform,
- easy access to the manual lowering valve for the work platform at the bottom,
- emergency stop at work platform,
- electronic dynamic brake,
- status indicator



Dual - maintenance free drive unit



Dual drive system controlled via joystick



Wide entrances at two sides of the trolley (work platform)



BDS operating panel, integrated in the chassis

AllTrack H

PRECiMET
horticulture industry

STEERABLE HYDRAULIC TROLLEY

CROP CARE & CULTIVATION



Dimensions platform (mm): **400x1100**

Min. height (mm): **740**

Max. height (mm): **3175**

Weight (kg): **380**

www.precimet.pl

STEERABLE HYDRAULIC TROLLEY FOR CROP CARE & CULTIVATION

A steerable crop care trolley on rubber wheels with a hydraulic adjustment of the working platform is designed for crop cultivation in greenhouses, where tomatoes are grown at a considerable height (max. 4,0m). Designed for greenhouses without pipe rail system (heating pipes).

Technical specifications

Dimensions platform	400 x 1100 mm
Min. height	740 mm
Max. height	3175 mm
Weight	380 kg
Traction battery	2 x 12V, 110Ah
Traction motor	24V/333W

Platform:

- smooth motion control via 2-axis joystick
- stable double hydraulic scissors powered by 2 hydraulic cylinders - high speed up and down
- stepless drive speed adjustment
- smooth start and stop of the trolley
- contactless foot switch
- drive unit overload protection system
- thermal protection of control unit
- clear LED display (battery charge indicator and status of the control unit)
- emergency STOP buttons
- safe platform railings

Driving wheels

- special rubber wheels with pneumatic tyres for driving on the flat surfaces
- maximum speed up to 42 m/min

Chassis:

- joystick control enables driving on flat terrain surfaces without a pipe rail system
- heavy duty construction
- extra operating panel integrated in chassis (battery indicator, charging plug, emergency switch)

Additional:

- High frequency battery charger (fully automated!) 230V/50Hz – 24VDC/12A: Standard IP67

**SAFE, COMFORTABLE, AND EASY CROP CARE
ON THE HEIGHT IN GREENHOUSES
WITHOUT PIPE RAIL SYSTEM**



Control panel with joystick



Safe platform railings



Deep tread rear tires with high blocks for better traction and grip



Steerable wheels at the front

AllTrack M

PRECiMET
horticulture industry

STEERABLE ELECTRIC TROLLEY CONSTRUCTION & INSTALLATIONS

Dimensions platform (mm): **400x1100**

Min. height (mm): **700**

Max. height (mm): **2400**

Weight (kg): **280**



www.precimet.pl

STEERABLE ELECTRIC TROLLEY FOR CROP CARE & CULTIVATION

A steerable crop care trolley on rubber wheels with a manual adjustment of the working platform is designed for crop cultivation in greenhouses, where tomatoes are grown at a considerable height (max. 4,0m). Designed for greenhouses without pipe rail system (heating pipes).

Technical specifications

Dimensions platform	400 x 1100 mm
Dimension chassis	90 x 200 cm with wheels
Min. height	700 mm
Max. height	2400 mm
Weight	280 kg
Traction battery	2 x 12V, 110Ah
Traction motor	24V/333W

Platform:

- smooth motion control via 2-axis joystick
- manual height adjustment of work platform
- stepless drive speed adjustment
- smooth start and stop of the trolley
- contactless foot switch
- drive unit overload protection system
- thermal protection of control unit
- clear LED display (battery charge indicator and status of the control unit)
- emergency STOP buttons
- safe platform railings

Driving wheels

- special rubber wheels with pneumatic tyres for driving on the flat surfaces
- maximum speed up to 42 m/min

Chassis:

- joystick control enables driving on flat terrain surfaces without a pipe rail system
- heavy duty construction
- extra operating panel integrated in chassis (battery indicator, charging plug, emergency switch)

Additional:

- High frequency battery charger (fully automated!) 230V/50Hz – 24VDC/12A: Standard IP67

**SAFE, COMFORTABLE, AND EASY CROP CARE
ON THE HEIGHT IN GREENHOUSES
WITHOUT PIPE RAIL SYSTEM**



Control panel with joystick



Safe platform railings



Deep tread rear tires with high blocks for better traction and grip



Steerable wheels at the front

AllTrack S

PRECiMET
horticulture industry

STEERABLE ELECTRIC TROLLEY

CONSTRUCTION & INSTALLATIONS



Dimensions platform (mm): **400x1100**

Min. height (mm): **700**

Max. height (mm): **1930**

Weight (kg): **325 / 330***

www.precimet.pl

STEERABLE ELECTRIC TROLLEY FOR CROP CARE & CULTIVATION

Smaller version of Alltrack Series steerable crop care trolleys on rubber wheels with a manual adjustment of the working platform is designed for crop cultivation in greenhouses at a height max. 3,60 m. Designed for greenhouses without pipe rail system (heating pipes)

Technical specifications

Min. height	700 mm
Max. height	1930 mm
Width (overall)	750 / 900 mm*
Weight	325 / 330 kg*
Traction battery	2 x 12V, 110Ah
Traction motor	24V/333W

Platform:

- smooth motion control via 2-axis joystick
- manual lift of the work platform is supported by 3 air cylinders
- stepless drive speed adjustment
- smooth start and stop of the trolley
- contactless foot switch
- drive unit overload protection system
- thermal protection of control unit
- clear LED display (battery charge indicator and status of the control unit)
- emergency STOP buttons
- safe platform railings

* versions on 75 and 90 cm width - available on request

**SAFE, COMFORTABLE, AND EASY CROP CARE
ON THE HEIGHT IN GREENHOUSES
WITHOUT PIPE RAIL SYSTEM**

Driving wheels

- special rubber wheels with pneumatic tyres for driving on the flat surfaces
- maximum speed up to 42 m/min

Chassis:

- joystick control enables driving on flat terrain surfaces without a pipe rail system
- heavy duty construction
- extra operating panel integrated in chassis (battery indicator, charging plug, emergency switch)

Additional:

- High frequency battery charger (fully automated!) 230V/50Hz – 24VDC/12A: Standard IP67



Deep tread rear tires with high blocks for better traction and grip



Control panel with joystick



Safe platform railings



Steerable wheels at the front

WHE-471

PRECIMET
horticulture industry

HYDRAULIC TROLLEY

FOR CROP CARE & CULTIVATION



Dimensions platform (mm): **465x1700**

Min. height (mm): **575**

Max. height (mm): **2930**

Weight (kg): **380**

www.precimet.pl

HYDRAULIC PIPE RAIL TROLLEY FOR CROP CARE & CULTIVATION

Hydraulic pipe rail trolley for crop care & cultivation in modern & professional greenhouses, 2 scissors hydraulic mechanism for lifting 3m high, 4 wheels for manoeuvring, lifted by hydraulic mechanism.

Technical specifications

Dimensions platform	465x1700 mm
Min. height	575 mm
Max. height	2930 mm
Weight	380 kg
Traction battery	2 x 12V, 110Ah
Gearmotor	24V/333W

Platform:

- easy and safe entrance and railings on the working platform
- solid operating switches and battery indicator
- strong and unbreakable speed regulator
- rounded edges so that no plant damages
- protection against platform overload
- emergency lowering system of the work platform
- tool box included

Hydraulic scissors:

- stable double hydraulic scissors powered by 2 hydraulic cylinders - high speed up and down
- long life of the electric motor, valves and relay (soft start & stop function)

Driving wheels

- wide cast iron wheels to protect the concrete path
- maximum speed up to 60 m/min

Chassis:

- front & rear strong bumpers with rounded corners
- full traction battery (life cycle 1000-1200 charges)
- extra operating panel integrated in chassis (battery indicator, charging plug, scissor up and down switches, emergency switch)

Additional:

- High frequency battery charger (fully automated!) 230V/50Hz – 24VDC/20A

Options:

- tilt sensor
- brake actuator
- PPD-2 electronics board protected against moisture



Vandal resistant panel with convenient buttons



Built-in moisture-proof induction contactless foot-switch



Protecting steel bumpers with rounded corners



Extra operating panel integrated in chassis with battery indicator

WNE-402

PRECIMET
horticulture industry

ELECTRIC TROLLEY **CROP CARE & CULTIVATION**



Dimensions platform (mm): **465x1700**

Min. height (mm): **570**

Max. height (mm): **2300**

Weight (kg): **260**

www.precimet.pl

ELECTRIC PIPE RAIL TROLLEY - high quality at a low price! CROP CARE & CULTIVATION

Pipe rail trolley with manual regulating platform is designed for crop cultivation in greenhouses, where tomatoes are grown on considerable height (max. 4,0m). Made completely to the customers wishes and desires.

Technical specifications

Dimensions platform	465x1700 mm
Min. height	570 mm
Max. height	2300 mm
Weight	260 kg
Traction battery	2 x 12V, 90Ah
Gearmotor	24V/370W

Functions and drive unit features:

- manual height adjustment of work platform
- stepless drive speed adjustment
- smooth start and stop of the trolley
- contactless foot switch
- drive unit overload protection system
- thermal protection of control unit
- battery charge indicator
- clear LED display (battery charge indicator and status of the control unit)
- emergency STOP buttons

Additional:

- High frequency battery charger (fully automated!)
230V/50Hz – 24VDC/20A

Driving wheels

- wide cast iron wheels to protect the concrete path
- maximum speed up to 60 m/min

Chassis:

- front & rear strong bumpers with rounded corners
- full traction battery (life cycle 1000-1200 charges)
- extra operating panel integrated in chassis (battery indicator, charging plug, emergency switch)
- very easy manoeuvring in the greenhouse and from path to path

Scissors mechanism:

- stable single manual adjusted scissors mechanism
- very easy to operate (no tool needed)
- air springs support lifting and lowering the work platform



Protecting steel bumpers with rounded corners



Vandal resistant panel with convenient buttons



Extra operating panel integrated in chassis with battery indicator



Simple manual stairs adjustment

WDZ-09

PRECIMET
horticulture industry

HARVEST TROLLEY

HARVESTING AND TRANSPORTATION



Dimensions length (cm): **155-240**

Max platform load (kg): **150-384**

Amount of layers: **1-3**

Individual arrangement

www.precimet.pl

HARVEST TROLLEY HARVESTING AND TRANSPORTATION

Technical specifications

Dimensions length	155-240 cm
Max platform load	150-384 kg
Amount of layers	1-3

Advantages:

- light, stable and secure steel construction
- anticorrosive protection
- fitted moving wheels, simplifying manoeuvring around the greenhouse
- undercarriage designed for driving both along heating pipes and on flat surface
- durability and reliability
- possibility of different versions and individual design
- hand operated

Description

- Harvesting trolleys are designed for tomato or cucumber or paprika harvest into crates or boxes. The suspension system allows both rolling along the heating pipe system and free manoeuvring on the greenhouse connector.
- WDZ trolleys features plastic wheel hubs or aluminium hubs and rubber tires as also has a middle manoeuvring wheel in some models. On a customer request WDZ trolleys may be fitted with hooks and catches for lining them up.
- The carrying capacity of the trolleys are different and depends on chosen model and additional features, as for example electronic weight, additional handles, racks. Trolleys can be equipped in various kind and amount of racks (1-3) made with aluminium plate, steel profiles or roller conveyor.

WDZ-09 versions



Should You have any special request, just let us know. We will try to meet your expectations.

Strawberry trolley



HARVEST TROLLEY

HARVESTING AND TRANSPORTATION



Dimensions length (cm): **1391**

Dimensions height (cm): **1123**

Amount of layers: **2-3**

Individual arrangement

www.precimet.pl

Strawberry trolley

HARVEST TROLLEY HARVESTING AND TRANSPORTATION

Technical specifications

Dimensions length	1391 cm
Dimensions height	1123 cm
Amount of layers	3

Harvesting:

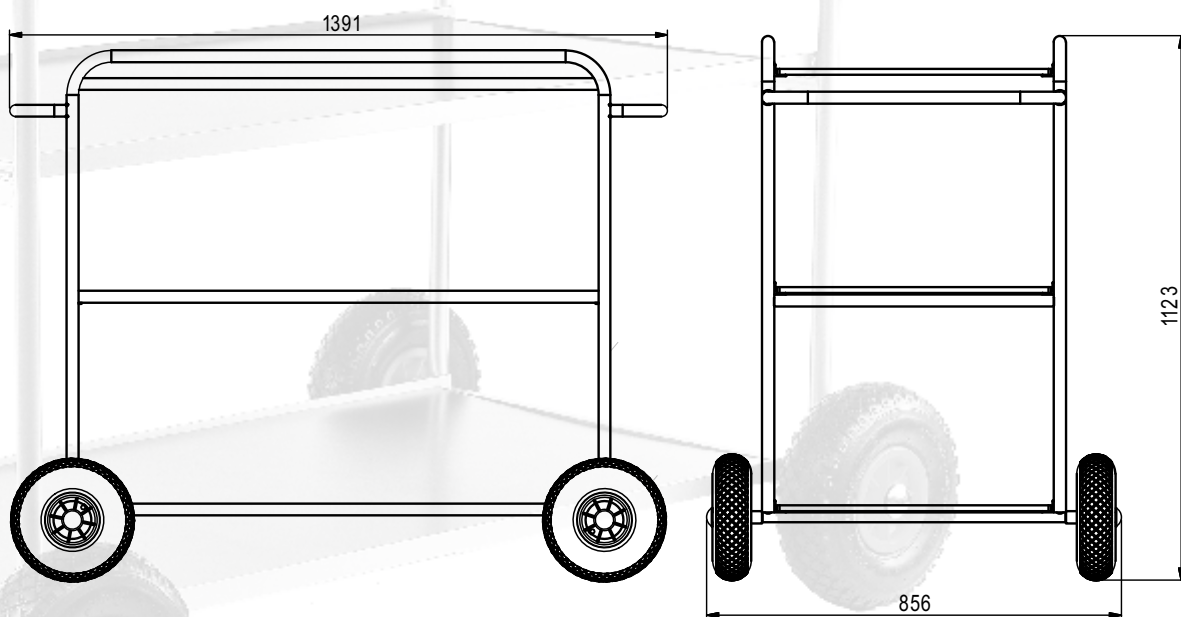


Description

- Trolley for harvesting strawberries, raspberries, blueberries and other small fruits in baskets and boxes in greenhouse;
- A modern design, stable wheels, 3 levels for convenient setting of boxes with collected fruit;
- Height of the trolley designed for comfortable work of the user;
- Trolley is made of anti-corrosive steel.

Ajustment possibilities

- Ideal for all types of floors - possibility of adjustment different kind of wheels - rubber wheels for greenhouse without tube heating and plastic wheel hubs or aluminium hubs and rubber tires for rolling along the heating pipe system;
- Possible different amount of layers on request.



Should You have any special request, just let us know. We will try to meet your expectations.

AST-02HR

PRECIMET
horticulture industry

SPRAYING AUTOMAT

PIPE RAIL TROLLEY



Spraying productivity (m²/h): **3000-3500**

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

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

Weight (kg): **330**

www.precimet.pl

AST-02HR

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 ² /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)

PS-300

PRECIMET
horticulture industry

HIGH-PRESSURE SPRAYING TROLLEY FOR GREENHOUSES



Dimensions (mm): **1815 x 888**

Pump capacity (l/min): **15 / 21**

Tank volume (l): **300**

Weight (kg): **170**

www.precimet.pl

GREENHOUSE HIGH-PRESSURE SPRAYING TROLLEY FOR GREENHOUSE SPRAYING

The PS-300 is an advanced high-pressure sprayer with a 300l tank designed for small, and medium-sized greenhouses. PS-300 can be used in indoor, and outdoor crop protection, and treatment.

Two pumps to choose from: 150bar/15l, and 100bar/21l. Available with an electric motor in standard, and petrol engine upon request.

Technical specifications:

Dimensions (LxWxH)	1815x 888x 1455 mm
Current supply	4 kW, 230/400V
Weight (without hose)	170 kg
Pump capacity	15 l / 21 l
Working pressure	150 / 100 bar
Tank capacity	300 L

Specifications:

- 4kW three-phase electric motor connected to the pump by a coupling and a vibration damper,
- with time counter for calculating total work time of equipment
- efficient 3-way valve with smooth pressure regulation, pressure gauge and by-pass function,
- protection against "bubble" of liquid returning to the tank through a by-pass,
- solid hose drum with a 180-degree rotation function (-90 / 0 / + 90) with a lock,
- drum is equipped with a blockade that prevents the hose from unrolling itself,
- rolls supporting the guiding of the hose during unwinding and winding up,
- durable and bearing wheels have a positive effect on lightness during transport inside the greenhouse,
- steel frame protected against corrosion

Pump:

- 2 pumps to choose from: 150 bar - 15 l / min and 100 bar - 21 l / min,
- protection against "bubble" of liquid returning to the tank through a by-pass,
- fine filter on the pump supply,
- pumps only with brass heads

Tank:

- capacity of 300 l.
- tank inlet with a filter,
- tank cover with a vent valve,
- very smooth inner walls of the tank facilitate cleaning and keeping it clean,
- an additional clean water tank, e.g. for washing hands,
- function of mixing the working liquid inside the tank
- valve for emptying residual working liquid / rinse

Options:

- optionally can be equipped with electric hose reel
- petrol engine upon request



Additional clean water tank, e.g. for washing hands



Pump with brass heads and 4kW three-phase electric motor



Efficient 3-way valve with smooth pressure regulation



Solid hose drum with rotation function and blockade against unrolling

SPRAYING MAST

PRECiMET
horticulture industry

MOBILE VERTICAL SPRAYING MAST LM-01/02 FOR SPRAYING GREENHOUSE VEGETABLES

Dimensions trolley (mm): **1334 / 821**

Min. / max. mast height (cm): **140 / 340**

Spraying masts: **1 / 2**

Weight (kg): **30 - 50**



www.precimet.pl

SPRAYING MAST

MOBILE VERTICAL SPRAYING MAST FOR SPRAYING GREENHOUSE VEGETABLES

Mobile vertical spray mast (so-called tree) for spraying greenhouse vegetables. Equipped with a double spraying nozzles system: conical and flat.

Professional spraying of greenhouse plants with regard to high precision and effectiveness of spraying while maintaining high work efficiency!

Technical specifications

Min./max. mast height (cm)	140 / 340
Dimensions cart (mm)	1334/821/CC+93
Recommended pump capacity	36 l with 50 bar
Weight of cart	about 30-40 kg

The body

- compact design and easy to manoeuvre
- made of stainless steel

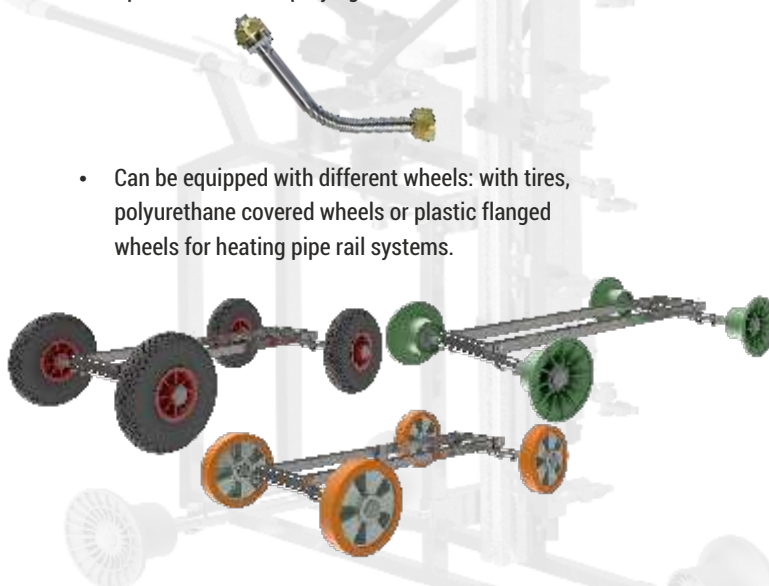
Equipment

	LM-01	LM-02
manometer	—	✓
pressure regulator	—	✓
3-way selecting valve	—	✓
filter	—	✓
trigger gun	✓	✓
mast with height adjustment	✓	✓
adjustable axles	✓	✓

Options

- Special elbow for spraying under the leafes

- Can be equipped with different wheels: with tires, polyurethane covered wheels or plastic flanged wheels for heating pipe rail systems.

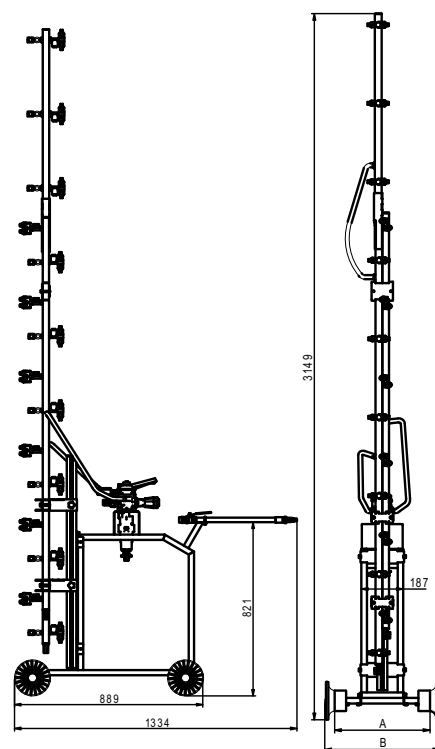


General info

- Construction of mast made with acid-proof steel
- Bracket with height adjustment allows optimum adjustment of the spray height (range)
- Individual adjustable nozzles can be set in three positions. Each of them can be closed separately.
- Nozzles are made of a material resistant to chemicals, with ceramic inserts ensuring durability.
- Spacing of the rings with the rim can be easily adjusted to suit different heating pipe systems.

Spraying masts

- LM-02 with 2 spraying masts, front and main
- 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
- LM-01 with 1 spraying mast, only for path spraying



SPRAYING MAST

PRECIMET
horticulture industry

MOBILE SPRAYING MAST LM-03 FOR SPRAYING GREENHOUSE FLOWERS

Trolley's length/width (mm): **982 / 600**

Horizontal spraying: **Yes**

Vertical spraying: **Yes**

Weight (kg): **30**



www.precimet.pl

SPRAYING MAST



MOBILE SPRAYING MAST LM-03 FOR SPRAYING GREENHOUSE FLOWERS

Mobile spray mast (so-called tree) for spraying greenhouse flowers or other plants with necessity spraying on above with vertical and horizontal spraying booms. Professional spraying of greenhouse plants with regard to high precision and effectiveness of spraying while maintaining high work efficiency!

Technical specifications

Width / height spraying mast (cm)	170 / 280
Dimensions cart (mm)	982 / 600* on rubber wheels
Recommended pump performance	36 l with 50 bar
Weight of cart	about 40 kg

The body

- compact design and easy to manoeuvre
- made of stainless steel

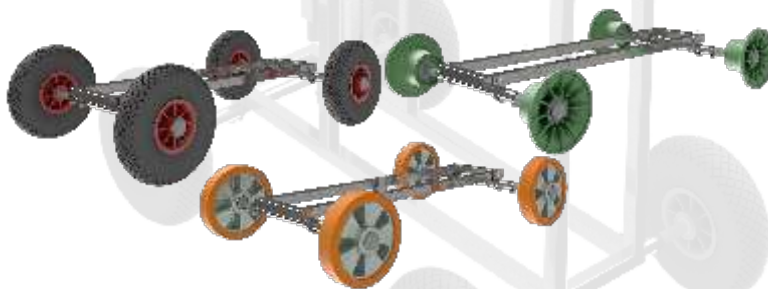
Equipment

- manometer
- pressure regulator
- 3-way selecting valve
- filter
- trigger gun
- mast with height adjustment
- adjustable axles

Options

- Special elbow for spraying under the leaves

- Can be equipped with different wheels: with tires, polyurethane covered wheels or plastic flanged wheels for heating pipe rail systems.

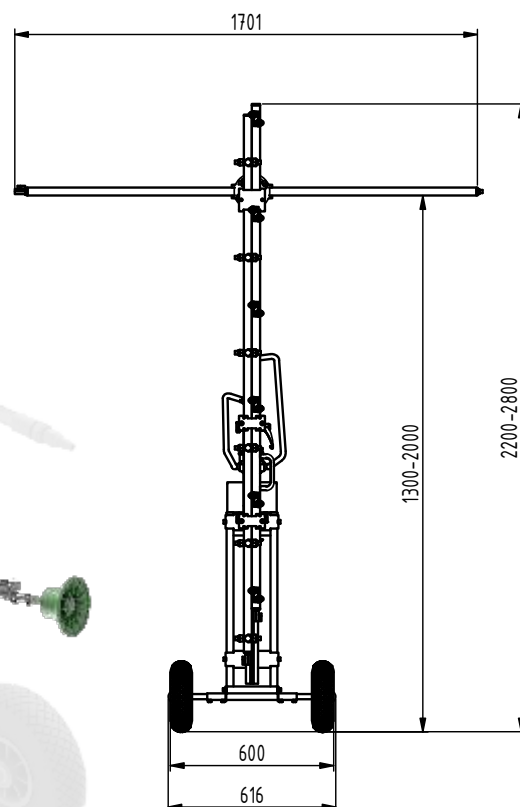


General info

- Construction of mast made with acid-proof steel
- Individual adjustable nozzles can be set in three positions. Each of them can be closed separately.
- Nozzles are made of a material resistant to chemicals, with ceramic inserts ensuring durability.
- Spacing of the rings with the rim can be easily adjusted to suit different heating pipe systems.

Spraying masts

- 3 spraying beams: 2x vertical (straight and main spraying) and horizontal
- horizontal mast with 6 double conical nozzles with pressure regulation
- main vertical 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



PRECIMET H. C. E. ul. Pomorska 555, 92-735 Łódź, Poland
tel.: +48 422 080 422, e-mail: sales@precimet.pl

www.precimet.pl

MS-03

PRECIMET
horticulture industry

WASHING MACHINE

CRATE WASHER FOR AGRICULTURAL INDUSTRY



Machine dimensions LxW (cm): **4400 / 1590**

Washing capacity per 1 hour app.: **600 crates**

Weight dry machine (kg): **530**

Power supply: **400V**

www.precimet.pl

WASHING MACHINE

CRATE WASHER FOR AGRICULTURAL INDUSTRY

MSO-03 washing machine was designed for industrial crates washing. It features a stand-alone, compact, welded structure enclosed in a housing made of acid-resistant Cr-Ni steel.

The washer consists of the main washing unit with closed water cycle and rinsing unit. The guides situated on both sides keep a crate in the right position during washing.

Best washing and hygienic results with easy operation!

Technical specifications

Machine dimensions	4400/1450/1590 cm
Weight dry machine	530 kg
Washing capacity per 1 hour	600 crates of 5 kg
Tank capacity	app. 700 l
Transporting speed	4,7 m/s
Power consumption	1,22 A
Power supply	400 V

Main advantages

- compact design
- made of Cr-Ni acid-resistant steel
- washing water closed cycle (saves a lot of water)
- access door to the washing chamber for cleaning the machine
- automatic crates transport (optional)
- effective washing water filtering system with a system of steel mesh sieves
- washing jets – made of acid-resistant steel with a clog-preventing system

Washer

- consists of the main washing unit and rinsing unit
- washing jets are easily dismantled while the construction prevents their clogging
- guides situated on both sides keep a crate in the right position during washing
- crate guides in the washing unit can be easily adjusted to the crates dimensions
- washing jets are also made of stainless steel, which makes them much more durable than plastic jets

Heating unit

- Number of heat: 6 (1+2)
- Power per a heater: 4,5 kW
- Total power: 27,0 kW
- Power supply: 3x230 V
- Adjustable temp.: YES (factory setting: 50 C deg)

Additional information

- Total power: ~33,0 kW
- Protection: IP 44
- Protection class: I
- Noise level: <=70dB*
- *measured 1 m from the machine, at the height of 1.6 m.
- Temperature: + 5°C to + 40°C
- Humidity: <85%
- CE Certificate



Protecting inlet PVC curtains



Acid-resistant steel washing jets



Adjustable steel outlet guides

MN-20

PRECiMET
horticulture industry

MIXER **for liquid and loose fertilizers**

Type MN-20



Space requirement (cm): **120-100**

Rotation speed (rpm): **93**

Level of security: **IP 54**

Weight (kg): **18**

www.precimet.pl

MIXER FOR LIQUID AND LOOSE FERTILIZERS

Type MN-20

Purpose of usage

Mixers of MN-20 series are intended for mechanical mixing of the medium (liquid and loose fertilizers) for agricultural, horticultural and greenhouse purposes.

General info / description

- light, stable and safe steel structure
- anti-corrosion protection
- safety ensured by the execution in accordance with the EN-280: 2015 standards
- should be used on standard 1000 l IBC pallet containers covered with a steel basket.
- bar, that is holding the agitator is screwed to the upper frame of the steel basket, which allows for unambiguous mounting of the agitator on the tank

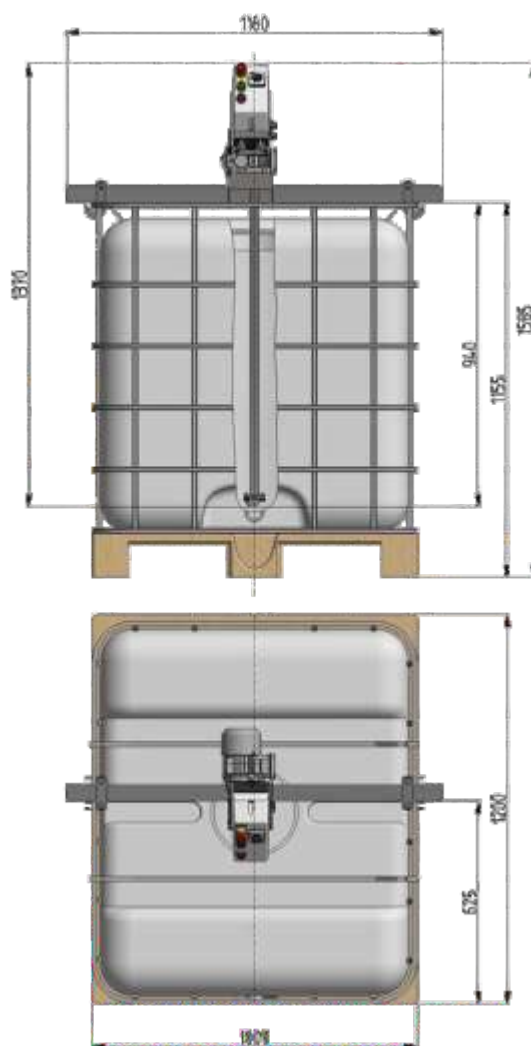


Important information

Steel basket with the tank is not included in the scope of delivery

Do not use mixers:

- in flammable and explosive environments,
- for mixing flammable solutions and liquids,
- for mixing water in pools, ponds, etc.



If you have any special requests, please do not hesitate to contact us. We will try to meet your expectations.

MyTomatoHooks

PRECiMET
horticulture industry

TOMATO HOOKS



Sizes (cm): **14, 18, 22, 24**

Twine: **PP and ECO**

Free-fall: **3 types**

Steel wire (mm): **3**

www.precimet.pl



TOMATO HOOKS FOR HIGH WIRE GROWING IN GREENHOUSES

Hooks are designed for modern tomato growing in a greenhouse in prolonged cultivation of tomatoes. The shape of our hooks has been appropriately designed to guarantee the necessary mechanical strength needed to bear weight of the plant during the growing season.

Free-fall

The hooks are wound on specially designed winders, with the possibility of separating free bundles in 3 systems:

- with a double bundle separated on a **flexible elastic band**
- with a double bundle so-called retractable bundle (**Zero-Hook**)
- with a **single bundle**

Wire

The wire used is a **special-purpose wire of the highest quality**. Its structure, chemical composition, mechanical strength and a special polished zinc coating ensure effective protection against corrosion.

- Our hooks are durable, do not deform, and their smooth anti-corrosive coating does not lead to damage, thanks to which MyTomatoHooks do not corrode or damage the rope during the growing

Shape of the hook

The shape of our hooks has been appropriately designed with the use of advanced CAD software to guarantee the necessary mechanical strength needed to bear the weight of the plant during the growing season.

Dimensions

4 sizes available: 14cm, 18cm, 22cm, 24cm

Hanging twine

We use **polypropylene twine** in 4 colours: white, blue, yellow, green from renowned European suppliers with such a parameters:

- 1000 m/kg
- 1100 m/kg
- 1200 m/kg

As also **ecological (biodegradable) twine** from EU producers according to wishes of our clients.

Packaging

We use cardboard boxes with adequate strength, and each cardboard box has an individual label with information about the content, order, etc.

Many years of experience allowed us to develop a packaging method so that the hooks never tangle, and their use was quick and easy.



Packaging



with Bio-twine
winded with elastic band



with retractable bundle (Zero-Hook)



with flexible elastic band




PRECIMET

***HORTICULTURE
EQUIPMENT***

PRECIMET H.C.E. Sp. z o.o.

ul. Pomorska 555,
92-735 Łódź, Poland
tel.: +48 422 080 422
faks: +48 42 672 57 11
www.precimet.pl
sales@precimet.pl
www.mytomatohooks.com
info@mytomatohooks.com



***We invite to cooperation
individual customers
and dealers***



www.precimet.pl