

AR30PRO-2C TECHNICAL DATA SHEET (airless road marking machine)

Dimensions: 160x68x h105 cm; Weight: 150 Kg



Photo doesn't show standard machine.

Gasoline engine:

- power 6 HP
- self-winding pull start

Hand push (It's possible to equip the line striper with HMC or HMC-C, the hydraulic motorized chariot. Look at optional)

Parking brake on rear wheel

Swivel front wheel, to stripe very sharp curves. It can be locked or unlocked during the work by a lever on handlebars. Steering hardness is adjustable by proper regulator

Telescopic pointer for easily following pre-marking or precisely matching existing line

Handlebars with adjustable height

Holder for 2 paint buckets (max. diam. 32 cm)

Airless double diaphragm pump:

- max. working pressure 210 bar
- max. vol. flow 2 x 5,9 l/min
- with 2 valves for independent regulation of 2 heads

2 removable paint guns: can be used as manual guns (for stenciling) or as automatic guns controlled by lever (for line). Standard nozzles for 10-20 cm line. (Line width can be ranged from 5 cm to 30 cm by changing nozzle and adjusting gun height. Striper can be also equipped for Cold Spray Plastic, 1:1, external mixing. Look at optional)

Gun support with wheel: to follow the road

2 high-pressure paint filters

2 paint hoses of 7 m

MAX. LINE WIDTH: 50 cm

(achievable using the 2 guns with a single colour)



SPRAYABLE PRODUCTS: not refractive paints, specifically formulated for airless application. 2 component Cold Spray Plastic, 1:1 ratio

Machine is equipped with all safety devices according to EU requirements.

Machine conforms to:

➤ **EU Directive 2006/42/EC on Machinery**

OPERATION OF MACHINE

Striper is equipped with **2 independent paint circuits** and 2 guns, in order to apply 2 colours at the same time (or a single colour striping 50 cm line).

With proper equipment (look at optional), striper can also apply **2 component Cold Spray Plastic (mixing ratio 1:1, external mixing)**. **External mixing**, known as "spray in spray", is a simple method, fast and easy to use: thanks to double head gun specifically designed for, the 2 components meet after they have been sprayed.

Cold spray plastic (CSP) is a 2 component product based on reactive methacrylic resins (MMA) solvent free, well known for its high resistance to wear. The use of CSP 1:1 requires the manual pre-mixing of one of the components (A or B, depends on manufacturer) with a third component, the catalyst

OPTIONAL EQUIPMENT:

- **HMC Hydraulic Motorized Chariot:** transforms the push machine in a machine with drive. Useful to increase productivity, to finish works quicker and easier, with less fatigue. Indispensable to mark on slopes. With seat. (Look at TDS of HMC motorized chariot)



- **Kit for 1:1 external mixing** consisting of:

- 2 component CSP manual gun, 1:1 ratio, external mixing: for stenciling with cold spray plastic
- support and lever control: allow to use 2 component manual gun as automatic gun for marking lines with cold spray plastic

- **Gravity glass bead system (SUGGESTED OPTIONAL)** consisting of:

- gravity glass bead tank, capacity 24 l
- bead dispenser. Available in following widths:
 - 1 dispenser for line width max 15 cm (adjustable for 12 and 15 cm)
 - 2 dispensers for 2 lines width max 15 cm (adjustable for 12 and 15 cm)
 - 1 dispenser for line width max 30 cm (adjustable for 12, 15, 20, 25 and 30 cm)
 - 1 cone with 1 skirt (available width 12 cm; 15 cm; 20 cm; 25 cm; 30 cm)

We suggest to complete the machine equipment with:

- **nozzle for line width 5 cm**
- **nozzle for line width 30 cm**
- **nozzle for surfaces**, advised for stenciling (crosswalk, symbols, legends, stops, ...).



- **HMC-C Hydraulic Motorized Chariot with Compressor:**

transforms the push machine in a machine with drive. Compressor provides air for: mounting pneumatic controls for automatic guns; putting under pressure the glass bead tank; supplying the air of distribution to the bead gun (Look at TDS of HMC-C motorized chariot)

- **2 automatic paint guns with 2 controls**

Attention: they can be used only if striper is equipped with optional HMC-C

- **Pneumatic support for paint gun (one disc)**, to keep automatic gun always at the same distance from ground, ensuring constant width of the line.

Attention: it can be used only if striper is equipped with optional HMC-C

- **Pressurized glass bead system** consisting of:

- glass bead tank. Available capacity:
 - **pressurized tank capacity 15,5 l**
 - **pressurized conic tank capacity 20 l**
 - **pressurized tank capacity 26 l**
- automatic glass bead gun with adjustable diffuser
- closing delay regulator for bead gun.

Attention: it can be used only if striper is equipped with optional HMC-C

- **Second automatic glass bead gun with independent delay regulator.**

Attention: it can be used only if striper is equipped with optional HMC-C and pressurized glass bead system

- **Manual glass bead gun with air hose and bead hose**, for bead application on stenciling.

Attention: it can be used only if striper is equipped with optional HMC-C and pressurized glass bead system.



2 paint hoses of 7 metres: to easy use the guns in manual mode without moving the line striper

Gravity glass bead tank (optional)



HMC, Hydraulic Motorized Chariot (optional)



High pressure paint filters

Glass bead dispenser for 15 cm line (optional)

Gun support with wheel: follows the road ensuring a more uniform line

2 component CSP manual gun, 1:1 external mixing (optional)

Airless diaphragm pump with 2 heads, each one with valve for having an independent regulation of pressure of 2 paint circuits

Holder for 2 paint buckets



2 removable paint guns (standard configuration)

Adjustable pointer