

**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.

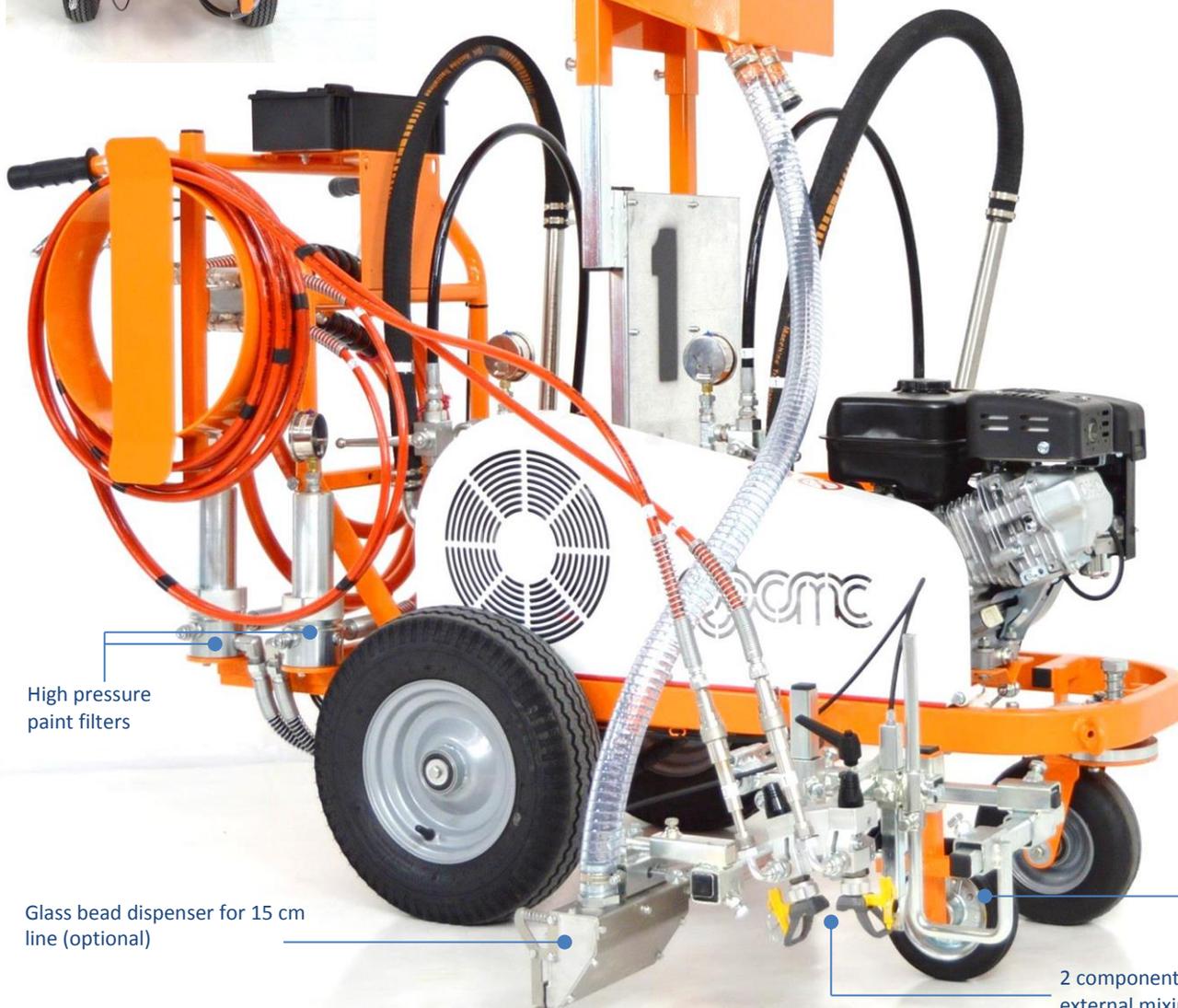
# GRUPO INL

Gravity glass bead tank (optional)

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



HMC, Hydraulic Motorized Chariot (optional)



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

High pressure paint filters

Glass bead dispenser for 15 cm line (optional)

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

