

# AR40ITP-2C TECHNICAL DATA SHEET (airless road marking machine)

Dimensions 200x75x h120 cm; Weight: 305 Kg

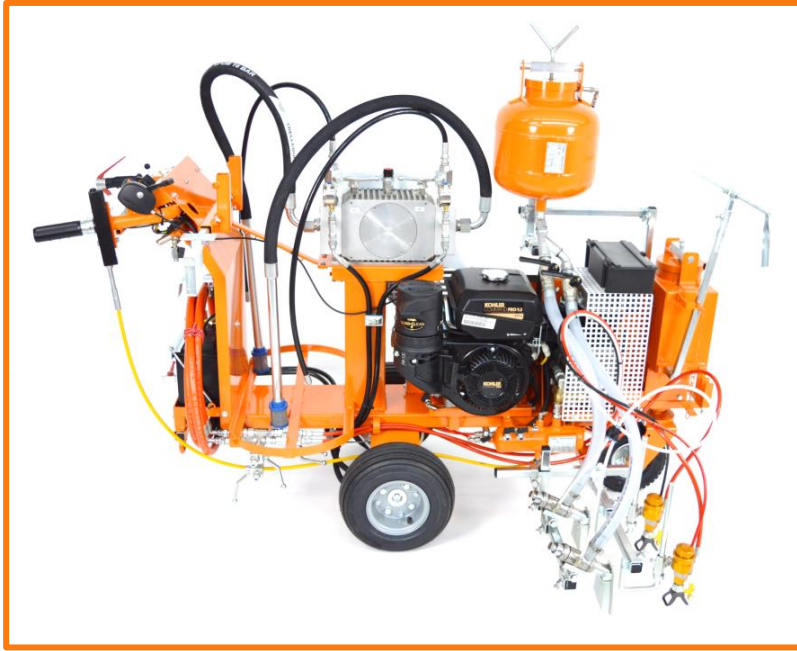


Photo doesn't show standard machine.

## Gasoline engine:

- power 9,5 HP
- self-winding pull start
- centrifugal pulley

## Hydraulic drive with:

- 2 motors directly coupled on rear wheels
- hand grip control: controls forward, **reverse** and neutral gear
- VARIABLE-FLOW PUMP**: guarantees more **safety** for operator and better **performance**. Allows to overcome steep slopes

## Parking brake on rear wheel

**Swivel front wheel** with stabilizer springs, to stripe very sharp curves. It can be locked or unlocked during the work by a pneumatic control on dashboard. It's also possible to totally remove springs and adjust steering hardness by proper regulator

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

**Engine shut-off safety device** if operator leaves the handlebars

## 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

## Single-stage two-cylinder compressor:

- flow air rate 394 l/min
- with **pressure limiting valve**

**2 automatic paint guns** mounted on fixed L support (with adjustable height). Standard nozzles for 10-20 cm line. (*Line width can be ranged from 10 cm to 30 cm by changing nozzle and adjusting gun height. Fixed support can be replaced with pneumatic support. Look at optional).*

Guns can be used for 2 colours or for 2 component

Cold	Spray
Plastic,	1:1,
external	
mixing.	

(Striper can be also equipped for internal mixing. Look at optional)



## 2 high-pressure paint filters

## 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
- EU Directive 14/68/EU for Pressure Equipment (PED directive)

## 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) or to apply **2 component Cold Spray Plastic, 1:1 ratio, external mixing**. **External mixing**, known as “spray in spray”, is a simple method, fast and easy to use: thanks to a proper setting of gun inclination, the 2 components meet after they have been sprayed.

With proper equipment (look at optional), striper can also apply 2 component **Cold Spray Plastic, 1:1 ratio, internal mixing**. In this case, the 2 components come in contact inside a small pipe with a static mixer and are sprayed by only one gun, after the mixing. Internal mixing guarantees more accurate mixing, but requires more attention in the use and maintenance of the machine: as soon as stopped to spray, it is strictly necessary to flush immediately the static mixer, the hose and the gun, to avoid that the material catalyzes definitively inside the spray system. A supplementary flushing circuit, allows to clean system very fast.

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:

### - Electric starting (SUGGESTED OPTIONAL)

- **Light**, for night works.

Attention: it can be used only if striper is equipped with optional Electric starting

### - **Turning light**, for a better visibility of operator on the street (SUGGESTED OPTIONAL).

Attention: it can be used only if striper is equipped with optional Electric starting

### - **Electronic spacing device** C8000 with:

- possibility to select 8 different skip line patterns
- possibility to record: total metres made (paint+space); total metres striped (only paint); total metres striped (only paint) by each gun
- sound speed alarm: rings when operator works outside range of minimum speed and maximum speed. Min. and max. speeds are adjustable. (Maintaining constant speed is important for getting uniform paint film).

Attention: it can be used only if striper is equipped with optional Electric starting

### - **Trailer with standing driver** (SUGGESTED OPTIONAL)

### - **Trailer with driver seat**

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

### - **Manual paint gun-short with 10 m hose**, for stenciling (SUGGESTED OPTIONAL)

- **Manual paint gun -long (with extension 45 cm) with 10 m hose**, for stenciling without bending and standing farther from paint spray

- **2 component CSP manual gun, 1:1 ratio, external mixing** with double head, necessary for stenciling with Cold Spray Plastic



- **Kit for 2 component CSP, ratio 1:1, internal mixing** consisting of: a static mixer and an additional flushing circuit

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

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

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

Attention: the **second** bead gun can be used only if striper is equipped with optional Glass bead system and **only** for bead application **on paint** (not on Cold Spray Plastic)

- **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 Glass bead system

We suggest to complete the machine equipment with:

- **nozzle for line width 30 cm**

- **nozzle for surfaces**, advised for stenciling (crosswalk, symbols, legends, stops, ...).





