

# AR100 TECHNICAL DATA SHEET (airless road marking machine)

Dimensions: 190x80x h130 cm; Weight: 445 Kg



Photo doesn't show standard machine.

#### Gasoline engine:

- power 16 HP
- electric starting

#### Hydraulic drive with:

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

**Swivel front wheel.** It can be locked or unlocked during the work by a pneumatic control on dashboard

**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)**

**Paint hopper** in polyethylene, with suction from bottom:  
-capacity 100 l

**Airless hydraulic piston pump:**  
-max. vol. flow 1x8,9 l/min

**Piston pulsation dampener**

**Compressor:**  
-flow air rate 394 l/min

**Automatic paint gun** mounted on fixed L support (with adjustable height). Standard nozzle 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)

**High-pressure paint filter**

**MAX. LINE WIDTH:** 90 cm  
(achievable only with proper optional equipment)

#### Electronic controller and spacing device C9000:

- 10 programs storable
- display of effective applied thickness (average every 250 m), with alarm when the speed of application is not compatible with thickness set
- data recorded for each gun: applied thickness in micron; total working hours; total driven metres; total solid line metres; total empty space metres; total sprayed paint
- data recorded for each pump: total number of pump cycles
- total data recorded for machine: total working hours, total driven metres; total driven Km; total sprayed paint; total hours and pump cycles
- daily report, downloadable with USB stick. Storable capacity 7 days. Thickness applied each minute (with date and time)



**SPRAYABLE PRODUCTS:** not refractive paints, specifically formulated for airless applications

## OPTIONAL EQUIPMENT:

- **Light**, for night works
- **Turning light**, for a better visibility of operator on the street
- **Trailer with standing driver (SUGGESTED OPTIONAL)**
- **Second automatic paint gun with independent control** to stripe 50 cm or 2 lines at the same time (for example continuous line + skip line (SUGGESTED OPTIONAL))
- **Third automatic paint gun** to stripe 90 cm
- **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
- **Pressurized glass bead system (SUGGESTED OPTIONAL)** consisting of:
  - glass bead tank. Available capacity: - **pressurized conic tank capacity 20 l**  
- **pressurized conic tank capacity 38,5 l**
  - automatic glass bead gun with adjustable diffuser
  - closing delay regulator for bead gun
- **Second automatic glass bead gun with independent delay regulator.**  
Attention: it can be used only if striper is equipped with optional pressurized Glass bead system
- **Third automatic glass bead gun.**  
Attention: it can be used only if striper is equipped with optional 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 pressurized 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, ...).





Independent control for second paint gun (optional)



Controller C9000

Light (optional)

Turning light (optional)

Adjustable pointer, lifted in rest position

100 l paint hopper with suction from bottom

20 l pressurized conic tank for glass beads (optional)

394 l/min compressor

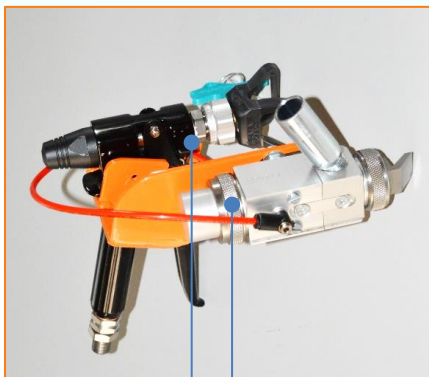
Hydraulic piston pump in stainless steel, max vol. flow 8,9 l/min

Automatic glass bead gun (optional)

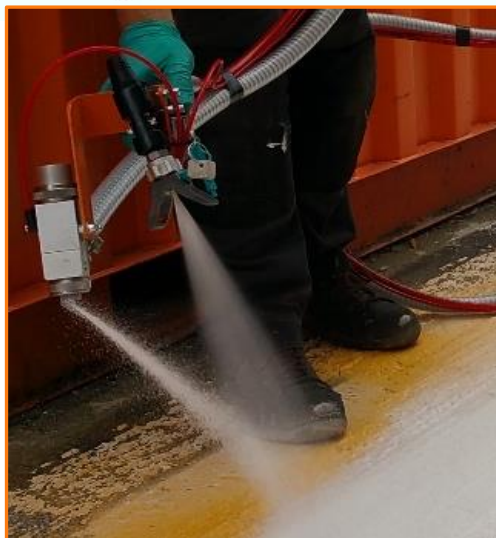
Second automatic glass bead gun (optional)

Automatic paint gun

Second automatic paint gun (optional)



Manual paint gun-short (optional) and glass bead gun C07 (optional) mounted on one support to spray paint and glass beads together



## MACHINE ON THE ROAD

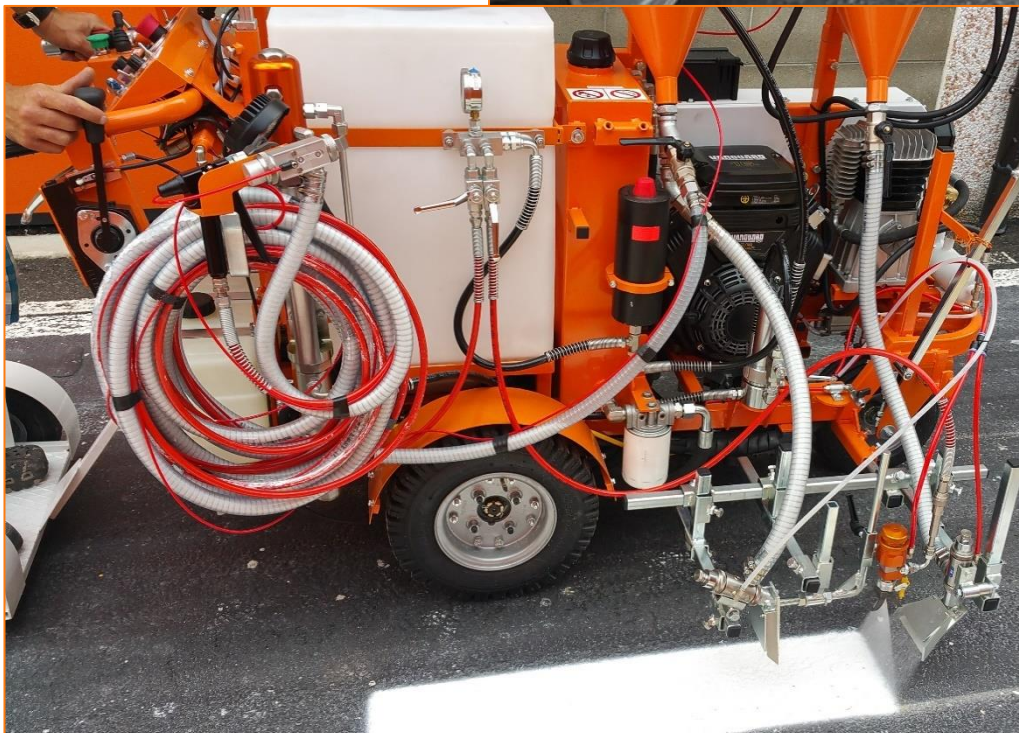
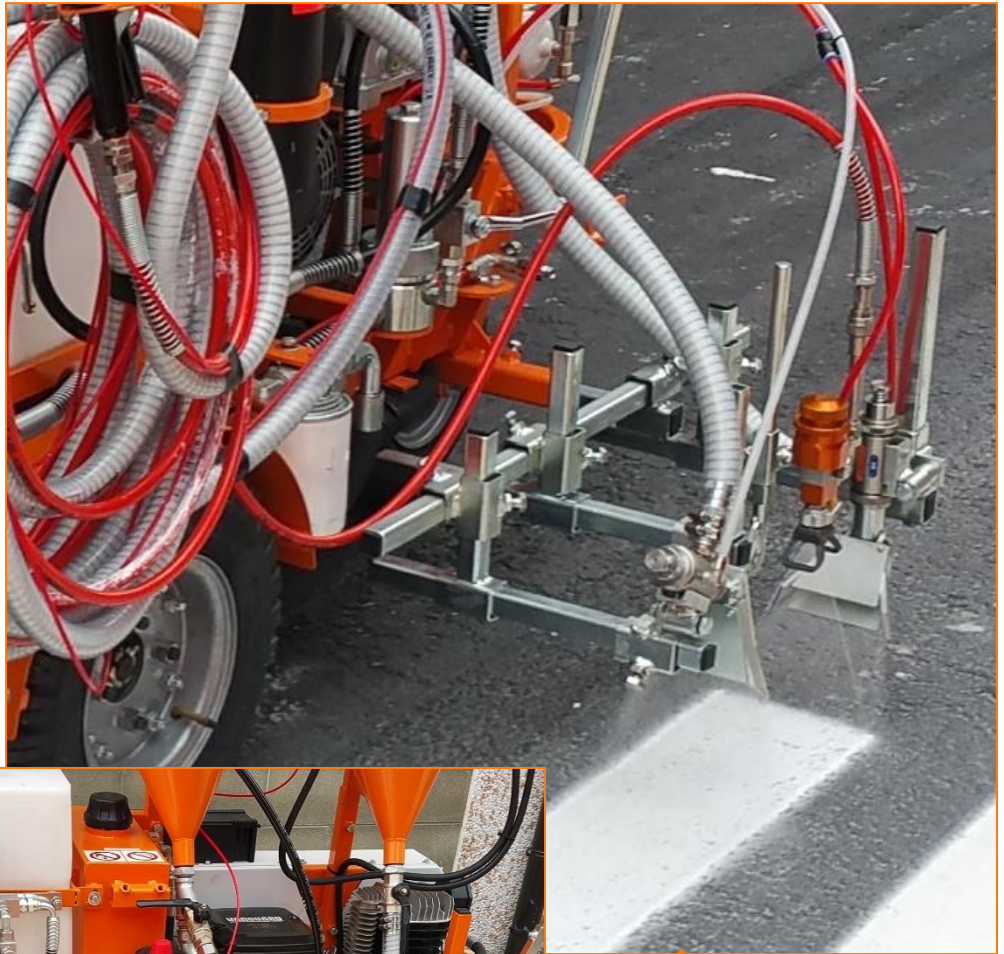
AR100 equipped for Cold Spray Plastic with reactive glass beads (optional equipment)



Automatic paint gun

Automatic glass bead gun (optional)  
mounted for injection spray

Automatic glass bead gun (optional) mounted for drop-on



Application of Cold Plastic and  
reactive glass beads  
by injection-spray and drop on