

# AR100-G TECHNICAL DATA SHEET (airless road marking machine)

Dimensions: 185x75x h160 cm; Weight: 540 Kg



Photo doesn't show standard machine.

#### Gasoline engine:

- power 16 HP
- electric starting

#### Hydraulic drive with:

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

**Swivel rear wheel.** It can be locked or unlocked during the work by 2 pneumatic controls 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)**
- **Trailer with driver seat**
- **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, ...).



