

AR180 TECHNICAL DATA SHEET (airless road marking machine)

Dimensions 220x90x h without sunshade roof 185 cm; Weight: 825 Kg



Photo doesn't show standard machine.

Gasoline engine:

-power 27 HP

Lights and turning light

Hydraulic drive with:

- 2 motors directly coupled on rear wheels
-control for forward, reverse and neutral gear
-variable-flow pump

Hydraulic oil cooler

Steering on front wheels

Steering diameter 6,7 m

Seat with adjustable position (left/right; forward/back)

Sunshade roof

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 tank:

-capacity 180 l
-made of stainless steel
-with manual stirrer

Solvent tank for flushing of gun and paint hose

Pressurized glass bead tank, capacity 35 l. With regulator of pressure and moisture separator

Airless hydraulic piston pump:

-max. vol. flow 8,9 l/min

Compressor:

-flow air rate 515 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

Automatic glass bead gun. Diffuser with adjustable slope and adjustable opening angles. Closing delay regulator for bead gun

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 application

OPTIONAL EQUIPMENT:

- **Warning board** with arrow for left/right car overtaking and 2 flashing
- **Trailer for cones** with seat for operator (**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
- **Manual paint gun -long (with extension 45 cm) with 10 m hose**, for stenciling without bending and standing farther from paint spray
- **Supplementary 35 l pressurized tank for glass beads**
- **Second automatic glass bead gun with independent delay regulator** (**SUGGESTED OPTIONAL**)
- **Third automatic glass bead gun**
- **Manual glass bead gun with air hose and bead hose**, for bead application on stenciling
- **26 l pressurized tank and side extension bracket for pre-marking.**

We suggest to complete the machine equipment with:

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



Adjustable pointer, lifted in rest position

Sunshade roof

35 l pressurized glass bead tank

Turning light

Lights

One-disc pneumatic support (optional), mounted for central line

180 l paint tank

Airless hydraulic piston pump

Automatic paint gun

Second automatic paint gun (optional)

Automatic glass bead gun

Second automatic glass bead gun (optional)

Manual paint gun-short with 10 m hose (optional)



AR180 TECHNICAL DATA SHEET on Dec 20TH 2018.
CMC reserves the right to make changes at any time, without notice.

