

AR300/AR500 TECHNICAL DATA SHEET (airless road marking machine)

Dimensions: 345(AR300) - 365(AR500) x110x h without warning board 210 cm; Weight: 1300 Kg (AR300) – 1800 Kg (AR500)



Photo doesn't show standard machine.

Diesel engine:

- power 34 HP (AR300) – TURBO diesel 44 HP (AR500)
- liquid cooling

Lights and turning light

Warning board with arrow for left/right car overtaking and 2 flashing

Hydraulic drive with:

- 2 motors directly coupled on rear wheels
- hydraulic negative brakes
- control for forward, reverse and neutral gear with engagement of negative brakes
- variable-flow pump

Hydraulic oil cooler

Steering on front wheels

Steering diameter 7,35 m (AR300)

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

Sunshade roof

Paint tank:

- capacity 300 l (AR300) – 500 l (AR500)
- made of stainless steel
- with hydraulic stirrer

Solvent tank for flushing of gun and paint hose

Pressurized glass bead tank, capacity 100 l (AR300) – 170 l (AR500). With regulator of pressure and moisture separator

Airless hydraulic piston pump:

- max. vol. flow 12,5 l/min

Compressor:

- flow air rate 827 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 spacing device C8000:

- 8 programs storable
- control: upto 3 guns with only one program
- alarm when speed is outside the range of minimum/maximum speed set
- data recorded for each gun: total solid line metres
- total data recorded for machine: total driven Km



SPRAYABLE PRODUCTS: not refractive paints, specifically formulated for airless application

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)**

OPTIONAL EQUIPMENT:

- Electronic controller and spacing device C9000:

- 10 programs storable
- control: upto 3 guns with 3 different programs simultaneously; glass bead delay for each gun; up to 2 airless pumps with possibility to compare pressures and ratio (e.g. ratio 50:50 or 98:2)
- display of effective applied thickness (average every 250 m), with alarm when the speed of application is not compatible with thickness set
- alarm setting for: delta pressure between 2 pumps, zero pressure, pump not working
- 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)

- 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

- **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, ...).



