

ARL90-hybrid TECHNICAL DATA SHEET (airless/airspray road marking machine)

Dimensions: 190x80x h105 cm; Weight: 513 Kg



Photo doesn't show standard machine.

Gasoline engine:

- power 23 HP
- electric starting

Light and turning light

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

Trailer with standing driver

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)**

Pressurized paint tank:

- capacity 90 l
- made of stainless steel
- with manual stirrer and cover totally removable for easier and quicker cleaning

Solvent tank for flushing of gun and paint hose

Airless hydraulic piston pump:

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

Piston pulsation dampener

Compressor:

- flow air rate 827 l/min

Dual-technology paint outlet group:

- **airless paint aspiration**
- **airspray paint delivery**

Airless 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:

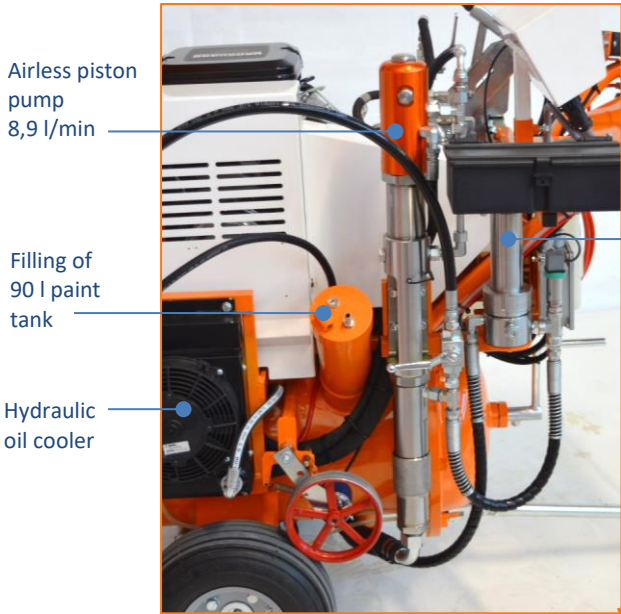
for airless: not refractive paints, specifically formulated for airless application

for airspray: refractive paints, not refractive paints, special paints with antiskid

OPTIONAL EQUIPMENT:

- **Second airless automatic paint gun with independent control** to stripe 50 cm or 2 lines at the same time (for example continuous line + skip line)
- **Third airless 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)
- **Airless manual paint gun-short with 10 m hose**, for stenciling. (SUGGESTED OPTIONAL)
- **Airless 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
- **Supplementary tank for paint.** Available capacities: - **pressurized paint tank capacity 15,5 l (airspray)**
- **pressurized paint tank capacity 26 l (airspray)**
- **gravity paint tank capacity 50 l (airless)**
- **Airspray automatic paint gun** with line limiter (shroud), mounted on fixed support with gun height adjustable. Standard nozzle for 10-20 cm line
- **Airspray manual paint gun with 7 m air hose and 7 m paint hose**, for stenciling. Low pressure.





Airless piston pump
8,9 l/min

Filling of
90 l paint
tank

Hydraulic
oil cooler

High-pressure
paint filter

20 l pressurized
conic tank for
glass beads
(optional)

Turning
light



Electronic controller C9000

23 HP
engine

827 l/min
compressor

Light

Airless manual paint gun -long (optional)

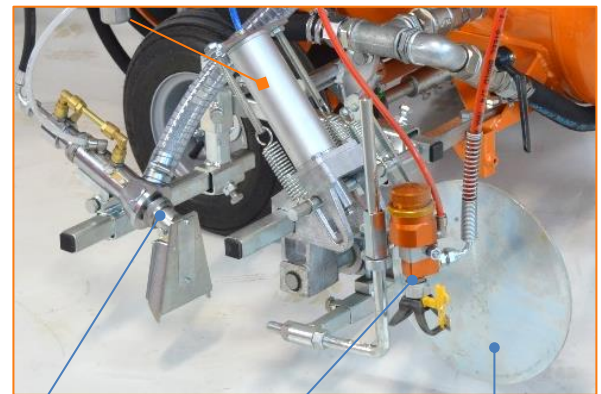
Trailer with standing driver

90 l pressurized paint tank

Swivel front wheel



50 l supplementary
gravity paint tank –airless
(optional)



Automatic glass
bead gun (optional)

Airless automatic
paint gun

One-disc pneumatic
support (optional)

