

■ EUROPE MAKINE

Touchless rollover car wash

Acrobat 2X

High-pressure washing with no brush contact, for vehicles whose finish or livery must not be touched.

2.20_m

Maximum washing height

3-5_{veh/min}

Operation time

75_{kW}

Installed power, all units



How it washes

Two arms travel on a supporting bridge above the vehicle. An automation system drives them under PLC control, and the arms move in six axes, so they follow the shape of the car rather than sweeping a fixed path over it.

There are no brushes. The wash is done by water at 100 to 200 bar and by chemical foam, so no part of the machine touches the bodywork.

No brush contact

Nothing on the machine reaches the paint. Wrapped, matte and freshly finished vehicles can be washed without abrasion.

PLC control

Wash programmes and arm movement are controlled by PLC.

Six axes of movement

The arms move in six axes on a supporting bridge, under an advanced automation system.

Plant length 6.5 to 15 m

The bay length is specified per site, so the machine fits an existing building as well as a new one.



Acrobat 2X in service. Wash by water pressure and foam only, with the 220 cm width limit marked on the gantry leg.

Specification

Measurement	Unit	ACROBAT 2X
Maximum machine width	m	4.20
Maximum machine height	m	3.20
Maximum washing height	m	2.20
Maximum washing width	m	2.20
Plant length	m	6.5 – 15
Operation time	vehicle/min	3 – 5
Water pump pressure	bar	100 / 200
Feedwater pressure	bar	3.5 / 4
Water consumption	lt/vehicle	18 – 250

Measurement	Unit	ACROBAT 2X
Air pressure	bar	6
Air requirement	lt/min	20
Operating voltage	V	400
Installed power, washing only	kW	35
Installed power, drying only	kW	33
Installed power, all units	kW	75
Electricity	kW/vehicle	0.75 / 2.50
Chemical foam	gr/vehicle	20 – 30
Wax	gr/vehicle	20

Figures as published by Europe Makine on the Acrobat 2X product page at europemakine.com. Nothing on this sheet is estimated, rounded or taken from another model.

What the site needs

4.20_m

Machine width

3.20_m

Machine height

6.5-15_m

Plant length

400_V

Supply voltage

6_{bar}

Air supply

Services to bring to the machine

Electrical supply 400 V

Installed power, washing only 35 kW

Installed power, drying only 33 kW

Installed power, all units 75 kW

Feedwater pressure 3.5 / 4 bar

Compressed air 6 bar, 20 lt/min

Running consumption, per vehicle

Water 18 - 250 lt

Electricity 0.75 / 2.50 kW

Chemical foam 20 - 30 gr

Wax 20 gr

Supplied with the machine

Door to door shipping, installation, and six months warranty, as published with the machine.

Consumption figures are the manufacturer's published values for the machine, not a site survey. Water, power and drainage at your site are confirmed during the proforma stage.



Europe Makine

Europe Makine builds car wash, truck and bus wash systems and installs them in the United States from its Florida base. The machines on this sheet are manufactured to the same specification we install and service ourselves.

We manufacture the machine

Car, truck, bus and rail wash systems, built to the published specification.

We ship and install it

Door to door shipping and installation are supplied with the machine.

We warrant it for six months

Six months warranty from installation, as published with the machine.

The next step is a proforma

Send us the site and the vehicles you expect to wash. We will come back with a proforma quotation for the machine, shipping and installation. There is no charge for it.

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