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Automation Machines

# Compact Waterjet



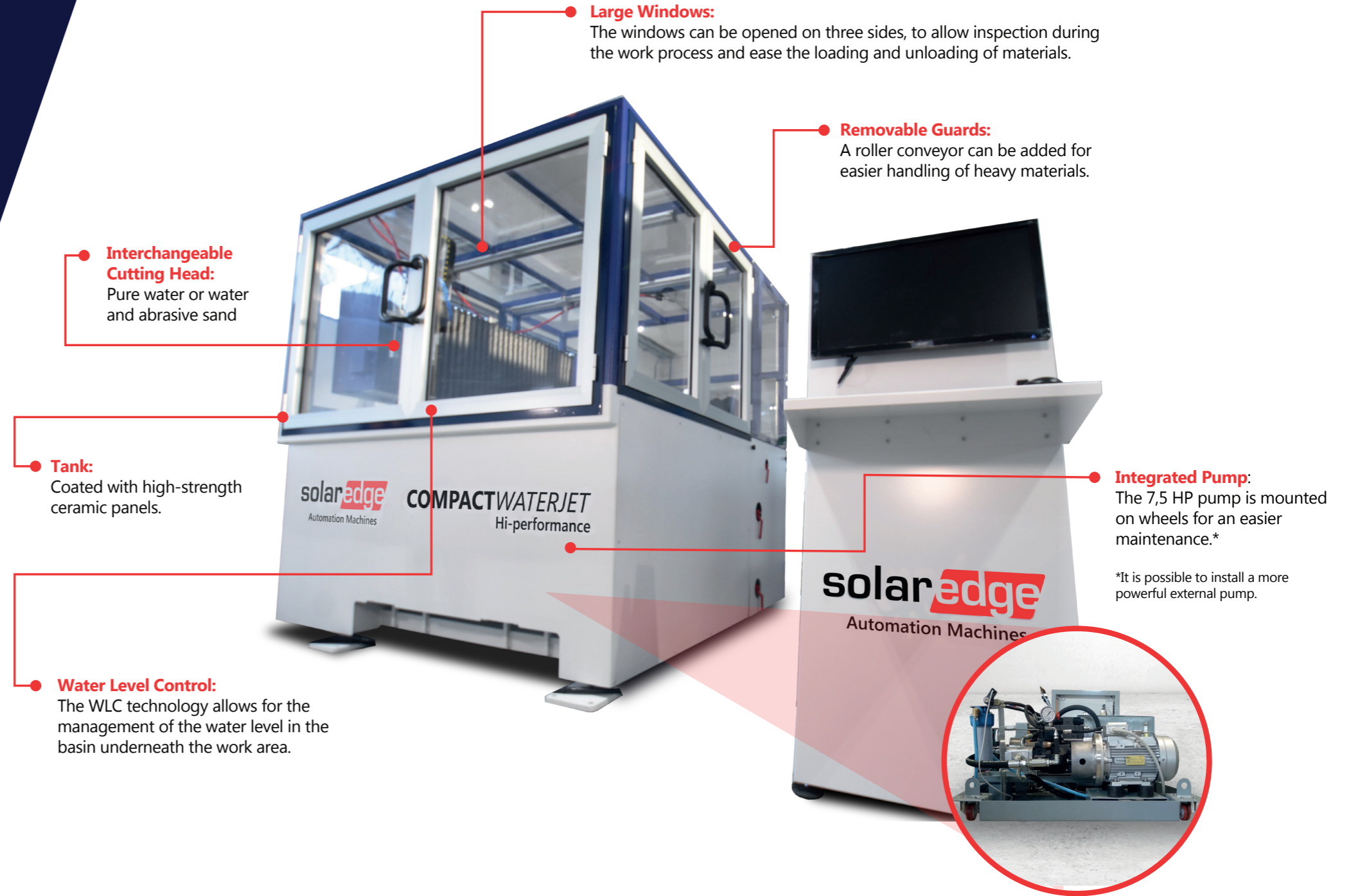
# Compact waterjet

A compact and silent machine, with reduced dimensions and a performance comparable to its other "big sisters": a new COMPACTWaterjet by SolarEdge Automation Machines is born, a machine that truly maximizes the return on your investment.

Built for small interiors and to cut smaller size materials, the COMPACTWaterjet is equipped with an integrated intensifying 7.5 HP pump. The machine has a limited footprint but still has a 1000x1000mm usable worktop.

The COMPACTWaterjet can cut soft materials with pure waterjet (up to a max. thickness of 130 mm) and hard materials (up to a max. thickness of 20 mm) if the cutting is done with water mixed with the abrasive sand. The wide three-sided windows allow an easy inspection during the work process and ease the loading and unloading of materials.

The COMPACTWaterjet is a fast machine with low maintenance costs, designed for those looking to reduce their footprint and still rely on a technology and a power, guaranteed by over 20 years of experience.



**Large Windows:**  
The windows can be opened on three sides, to allow inspection during the work process and ease the loading and unloading of materials.

**Removable Guards:**  
A roller conveyor can be added for easier handling of heavy materials.

**Interchangeable Cutting Head:**  
Pure water or water and abrasive sand

**Tank:**  
Coated with high-strength ceramic panels.

**Water Level Control:**  
The WLC technology allows for the management of the water level in the basin underneath the work area.

**Integrated Pump:**  
The 7,5 HP pump is mounted on wheels for an easier maintenance.\*

\*It is possible to install a more powerful external pump.

## What you can cut with pure water (up to 130 mm)\*

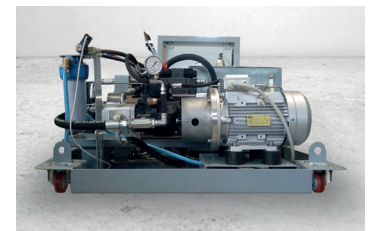
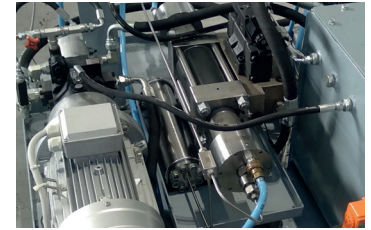
- 1 Interchangeable cutting head pure water/abrasive
- 2 High precision ( $\pm 0.1$  mm, repeatability on axes movements  $\pm 0.1$  mm)
- 3 Worktop 1000x1000 mm
- 4 Reduced footprint
- 5 Integrated pump
- 6 Low maintenance costs

 <b>SPONGE</b> Sponge, soundproof materials, insulation materials, rubber, latex ecc...	 <b>LEATHER MATERIALS</b> Leather, Faux leather, Suede, ecc...	 <b>FOOD PRODUCTS</b> Fresh and frozen foods	 <b>PLASTIC MATERIALS</b> Wood, formica, Plexiglas, Polyethylene, Polypropylene ecc...	 <b>COMPOSITES</b> Treated carbon, treated Kevlar, fiberglass, rock wool
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## What you can cut with water and garnet (up to 20 mm)\*

 <b>METAL</b> Iron, aluminum, copper, brass, ecc...	 <b>MARBLE AND STONE</b> Stones and marble ecc...	 <b>CERAMIC AND GLASS</b> Glass and ceramic ecc...	 <b>COMPOSITES</b> Treated carbon, treated Kevlar, fiberglass, rock wool	 <b>SPONGE</b> Sponge, slatex
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\*Variable values depending on the hardness of the materials to cut



Total footprint (mm)	2.150 x 2.350 x 2.250 (h)
Usable worktop	1.000 x 1.000 mm
Machine weight	2.550 Kg
Pump's working pressure	7,5 hp / 2.500 bar
Pump's maximum flow rate	0,5 l/min
Maximum size of orifice	0,007" (0,18 mm)
Maximum load supported	250 Kg/m2
Capacity of the abrasive tank	23,5 l
Height of the Z axis Z	130 mm
Speed	10 m / min
Electrical requirements	400 VAC, 50 Hz, three-phase, 20 A
Software	Integrated CAD/CAM / optional Nesting available



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SolarEdge Automation Machines S.p.A. is an internationally operating company specialized in the design and construction of high-tech machines to cut, weld, sew and punch a wide range of fabrics and materials. The company continues the technical experience that originates from the activity carried out since 1999 by Smre S.p.A., which was acquired by and integrated into SolarEdge Technologies Inc. in 2019. SolarEdge Technologies Inc. is a Nasdaq traded company and a global-leader in smart energy solutions. In more than 20 year, SolarEdge Automation Machines S.p.A. designed, built, and installed more than 2500 manufacturing solutions in more than 50 countries around the world.

SolarEdge Automation Machines S.p.A. Piazza A. Meucci 1, - Loc. Montecastelli, 06019 Umbertide (Pg) ITALY +39 075 930 65 00 A sole-shareholder company subject to the direction and co-ordination of SolarEdge Technologies Inc. Vat ID 02739550545, R.E.A. PG NR. 237823, Fully paid-up share capital € 2.230.308,30, PEC: solaredgeautomationmachines@legalmail.it

[www.automation-machines.solaredge.com](http://www.automation-machines.solaredge.com)

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SolarEdge Automation Machines  
 SolarEdge Automation Machines  
 info\_automationmachines@solaredge.com