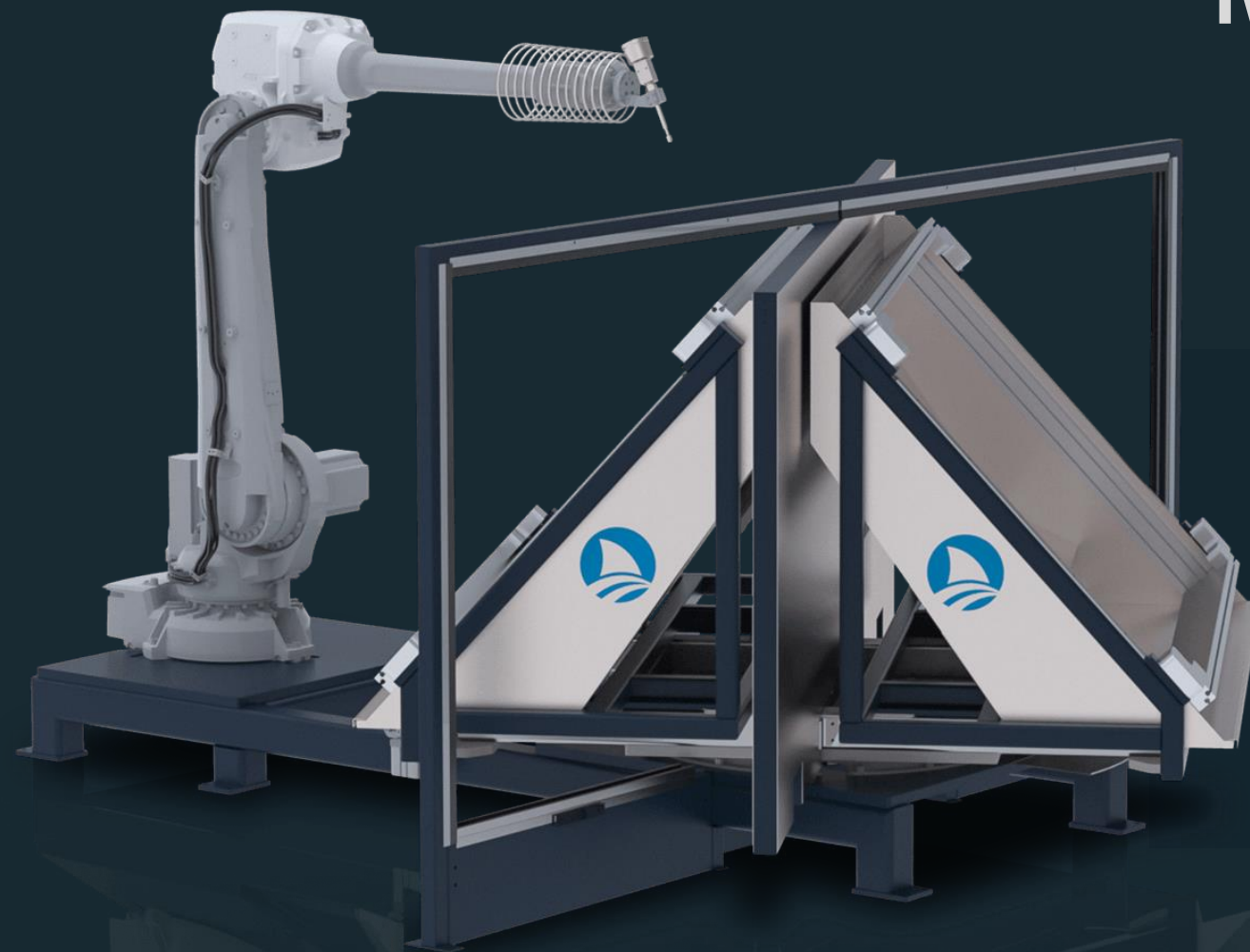


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# FINJET R

## ROBOT WATERJET CUTTING SYSTEM



<b>Product:</b>	Robot Waterjet Cutting Machine
<b>Brand Name:</b>	FinJet R
<b>Manufacturer:</b>	Muototerä Ltd.
<b>Country of Origin:</b>	Finland

FinJet R-series covers wide range of robot integrated waterjet cutting system. Waterjet robot is ideal solution when we are aiming for maximum automation of the cutting process. FinJet R series is available for both water-only and abrasive waterjet cutting. The cutting system has two main work principles: either the robot has an integrated waterjet cutting nozzle or the parts is treated under a static waterjet.

# General specification

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Cutting area:	up to 3 x 6 m
Positioning accuracy:	$\pm 0,05 - 0.50$ mm/m
Cutting heads:	1

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## **INDEPENDENT ROBOT CABINET OR ROBOT CUTTING CELL INTEGRATED INTO THE PRODUCTION LINE**

Robot cutting can be implemented either as an individual robot cabinet or as a robot cell to be integrated into a production / automation line. In a robotic cabinet solution, it is recommended that you integrate a rotary table into the cabinet so that you do not have to work on the cutting area. If the robot is integrated into an existing production line, safety and the desired production rate will be considered.

Muototerä has built many different robot cells with different solutions, all of which are always designed according to the customer's needs.

## **PROGRAMMING**

Robot programming is done by the robot's programming software. Muototerä favors the ABB robot range, but other robots are available as well. Programming is always included in the robot cell delivery agreement. Possible rotary table and safety circuit programming is implemented to be part of the overall solution.