

WL4



Ultra-light robotic arm, collaborative and industrial

Collaborative by nature, this lightweight robot is the most compact on the market and revolutionizes robotics for applications requiring high mobility.

Designed for industry, its robustness makes it the perfect partner in harsh working environments such as construction sites.

UNMATCHED ROBUSTNESS

- Reinforced for harsh conditions
- Flexible for use on construction sites
- Deployable in demanding applications such as welding

AN EXTREME MOBILITY

- Designed for hard-to-reach areas
- Effortless manual movement (portable in a backpack)
- Quick integration on mobile or fixed supports
- World-unique mass-to-payload ratio

AN INTUITIVE AND EASY COLLABORATION

- All the collaborative robotic functions are included
- Programming and intuitive use with the WeezTouch controller
- Controller-free operation possible thanks to its open software interface



APPLICATION EXAMPLES

- Welding
- Cutting
- Inspection
- Non Destructive testing
- Assistance with tasks

TYPICAL INDUSTRIES

- Construction sites
- Transportation
- Shipbuilding
- Energy
- Specialized manufacturing

TECHNICAL INFORMATIONS BOARD

Weight	Ultra-light : 8 kg (arm + electrical cabinet + command system)
Payload	4kg
Number of axes	6 axes
Reach	860 mm
Angle limit	No limits (infinite rotations)
Using	Collaborative
Sensors	Sensors on each axis (dual position, torque, current, voltage, temperature)
Maximum moving speed	250 mm/s (collaborative speed)
Safety	Power-off brakes, ISO 10218 compliant
Tightness	IP54
Supply voltage	230 V - 50 Hz

INTEGRATION WITH THE WEEZTOUCH CONTROLLER (OPTIONAL)

Programming and control interface adapted to harsh industrial environments

Intuitive programming, without training

Image feedback

Real-time piloting operation control



INTEGRATION WITHOUT THE WEEZTOUCH CONTROLLER

Open programming interface (the robot is controlled by an external program)

Ability to run applications on the Intel/Linux processor



**WEEZ-U
WELDING**

YOUR WELDING TOOLS

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