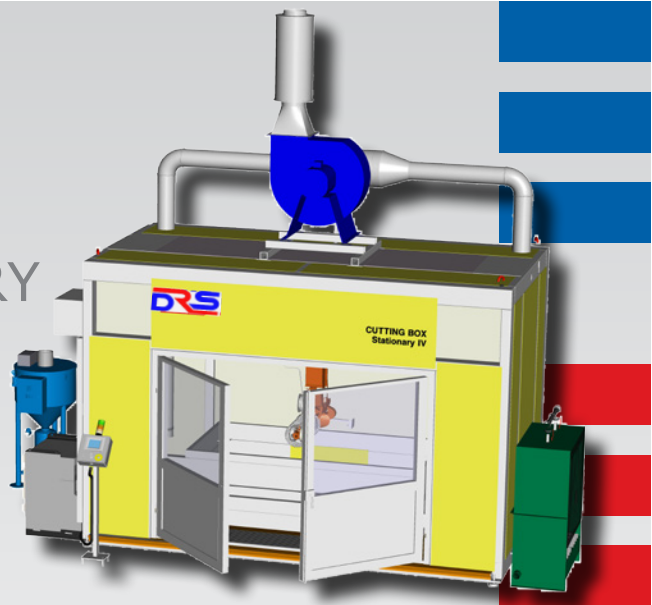


Product Information

Cutting Box

ABRASIVE STATIONARY

Application Process:
- Abrasive Waterjet Cutting



The Abrasive Stationary

The universal high quality turnkey system for three-dimensional cutting in the foundry industry. The system combines cutting and deburring into one tool, the abrasive waterjet.

3-D Waterjet Cutting

To create an abrasive effect the jet of water is mixed with a fine sand and forced through a small diameter nozzle at a very high pressure. The jet, guided by the ABB robot, cuts through almost any hard material such as stone and metals like aluminium, magnesium, titanium, carbon steel and glass fibre and composites.

Fields of application

- Cleaning of castings
- Contour cutting
- Welding preparation
- Quality test cutting
- Prototypes and small series production

Fast return on investments

Dynamic Robotic Solutions supplies turnkey systems based on stand-alone platforms with special options for easy customisation, including training, installation and start-up assistance

The system is:

- Efficient, fast and accurate
- Productive and flexible
- Safe, ergonomic and clean
- Economical and easy to use

Smooth start-up

The system is installed and fully operational within five days.

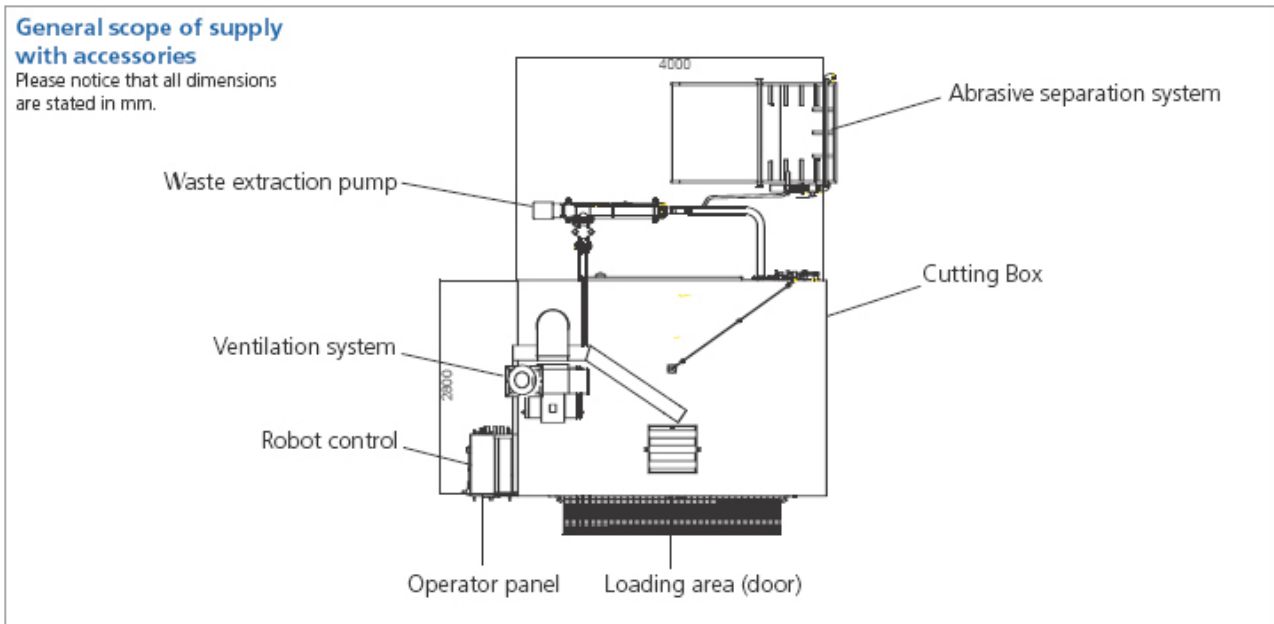
General features and specifications

- Robot ABB IRB 2400F
- IRC5 robot control
- High pressure water pump
- Operator panel with easy to use menus
- Abrasive cutting head type Autoline
- Compact machine foot print
- Sound proof enclosure
- For prototyping and small series production

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General scope of supply with accessories - Please notice that all dimensions are stated in mm.



Optional features for this machine type

Features

- Second robot
- Skip function Robot program
- Pallet
- Ventilation system
- Off-line programming service
- Fixture integration by DRS
- Service contract
- Geometrix, waterjet option



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