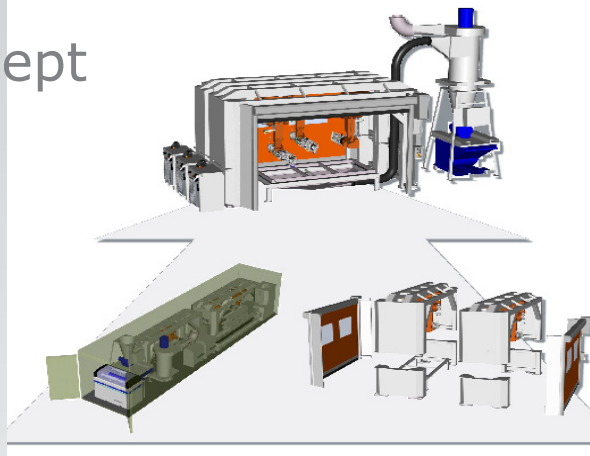


Product Information

Open Gantry Concept

Application Process:
- Waterjet Cutting



Function

The Open Gantry Concept is designed to offer a multi modular solution for waterjet cutting processes. The Open Gantry Concept has flexibility in its design to facilitate changes and upgrades in the future. The system is ideally suited to be either a stand-alone station or to be part of the material flow i.e. loaded from one side and unloaded on the other.

The robots are installed in the frame in a hanging configuration to provide for a maximum total reachability. To facilitate transportation the Open Gantry Concept.

Installation and Education

The Cutting Box is installed and fully operational within 5 days. Machine operation and Start-up training included.

Robot Waterjet Cutting

A waterjet beam is formed by forcing water through a nozzle at a very high pressure. The jet, guided by the robot, cuts through any soft or plastic material. The flexibility by the Robot give the possibility to follow a three dimensional part.

Fields of application

Automotive interior trim parts such as:

- Carpets
- Headliners
- Trunk-liners
- Insulation mats
- Instrument panels

Standard features and specifications

- Robots with degree of protection.
- Robot Waterjet Ware.
- Operator Touch panel with easy to use menus.
- Single or dual operators required.
- Table loading capacity 300 kg.
- Fence and light beam for operators safety protection.

Service

- Spare parts
- Service contract
- Off-line programming service
- Fixture integration
- Maintenance education

>>>



Select machine configurations!

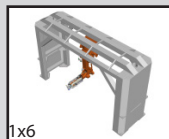
Robot brand >>

ABB IRB 2400F
IRC5 robot control

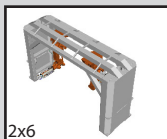


Motoman HP 20
NX100 robot control

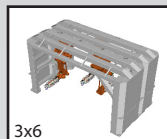
Configuration >>



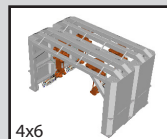
1x6



2x6



3x6



4x6

Work table >>

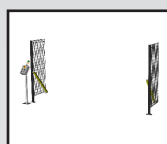
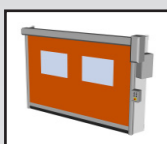
Free standing
Flexible positioning



Fixed
Enables quicker
installation

Safety >>

Rolling door
Minimises walking
distance



Light barriers
Create a safety zone

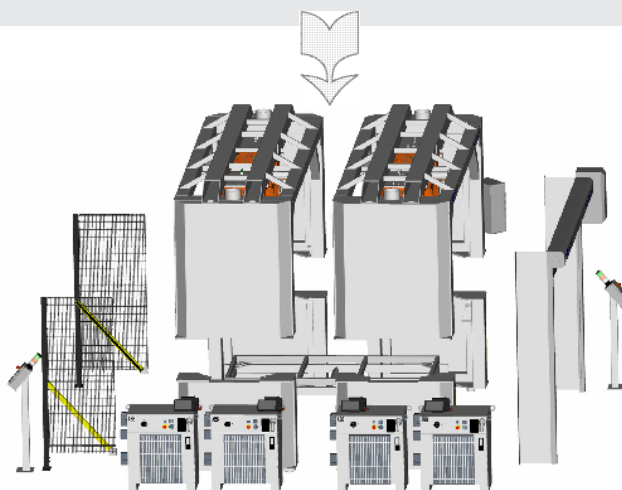
Human Machine
Interface >>

Siemens
OP + PLC
Touch screen



Options >>

- Vacuum unit
- Rear light barrier
- Coding System
- Rear rolling door
- Rear closed
- Pallet lifter



| Single gantry | L | W | H | Double gantry | L | W | H |
|--------------------|------|------|------|--------------------|------|------|------|
| Two Light barriers | 3160 | 5530 | 3000 | Two Light barriers | 4560 | 5530 | 3000 |
| Two Rolling doors | 2290 | | | Two Rolling doors | 3690 | | |



www.drsrobotics.com



info.eu@drsrobotics.com

Dynamic Robotic Solutions Europe AB
Box 529
S-372 25 Ronneby, SWEDEN
Phone: +46 (0)457 345 00
Fax: +46 (0)457 345 99

Dynamic Robotic Solutions, GmbH
Schanzenfeldstraße 14b
D-35578 Wetzlar, Germany
Phone: +49 (0) 64 41/4 45 96-0
Fax: +49 (0) 64 41/4 45 96-66

DRS France, S.A.S
BP 30 - ZI Les Casernes
55400 ETAIN
Phone: +33 (0) 329.859.276
Fax: +33 (0) 329.879.824