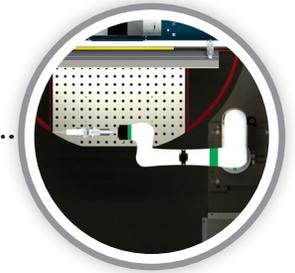




Configuration Type:  
FANUC®/IPG®

With  
FANUC® robot



Explore  
all views!



CompactLine

# LCM iD-125 CRX LASER Dual Station Turntable

## Designed with flexibility and productivity in mind

- Compact, modular and easy to transport
- Maximum material flexibility of the possible materials (including steel, stainless steel, aluminum, copper)

## Key Features

- High integration of the laser source into the FANUC® robot controller
- Impulse drive to relieve the strain on employees
- IPG® LightWeld laser system for welding and cleaning (3 variants of laser welding machines)
- Laser safety housing for category 4 lasers in accordance with DIN EN 60825-4
- Welding process with and without filler wire
- FlexLayout enables automated and manual welding and cleaning processes
- Complete system structure on one platform

*Collaborative  
robot for easier  
usability*

*Safety conformity  
according to  
CE/ANSI/RIA*

*Easy transportation  
and installation  
(Plug & Play)*

*High productivity*

*Reproducible  
weld seam quality*



LEWA Automation USA, LLC  
sales@lewa-automation.com  
Phone 423-602-5392

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## CONFIGURATION

### ROBOT

FANUC® CRX-10iA (R1,248mm/PL10kg)

### LASER EQUIPMENT

IPG® Laser-System LightWELD 1000 incl. Cobot Kit, hose package 5 m (standard)  
**Single-Mode / Functions:** Welding / **Power:** 1,000 W / **Materials:** Steel, Aluminium / **Filler wire:** Yes

### PLATFORM AND ENCLOSURE

Platform, accessories and installation material, safety fence (laserclass 4), incl. light barrier and external start, Euchner® CEM service door interlock

### POSITIONER – TURNTABLE

Turntable iD-125 (ImpulseDrive) BasePlate (Site A/B)

### CONTROLS

Cabinet for safety-components and I/O-Hardware (H×W 800×600mm), program sequence and safety via robot control, external start button

### COMMISSIONING

Commissioning and functional test before delivery

## OPTIONS

### LASER EQUIPMENT

- IPG® Laser-System LightWELD 1500 XC incl. Cobot Kit, hose package 5 m (standard)  
**Multi-Mode / Functions:** Welding & Cleaning / **Power:** 1,500 W / **Materials:** Steel, Aluminium / **Filler wire:** Yes
- IPG® Laser-System LightWELD 1500 XR incl. Cobot Kit, hose package 5 m (standard)  
**Multi-Mode / Functions:** Welding & Cleaning / **Power:** 1,500 W / **Materials:** Steel, Aluminium, Copper, Titanium, Nickel Alloy / **Filler wire:** Yes

### Additional Options:

- Wire feeder incl. adapter
- Monitoring laser cell (1× videocam, 1× monitor 21")

### ARC-WELDING SENSORS

- Servo-Robot Fuji-Cam 2.0

### CONTROLS

#### Options Cabinet I:

- 16 digital Inputs for sensor detection
- Remote-diagnostics VPN Router (Mbconnect816-Router)

### OPERATOR AREA

- Workplace lighting on the operator side
- Compressed air connection via quick release coupling at the operator's side

## DIMENSION

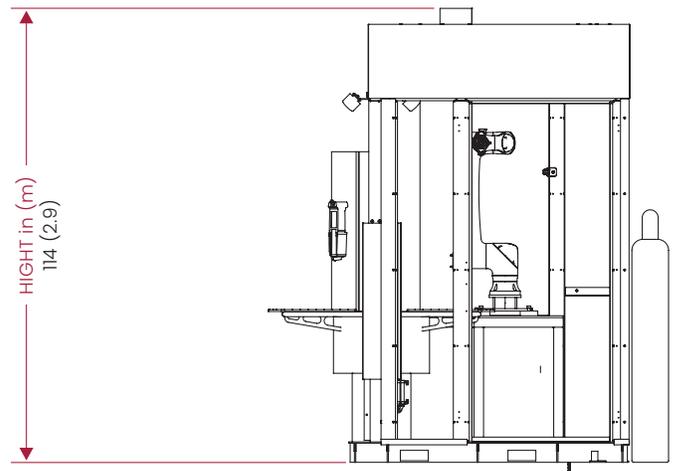
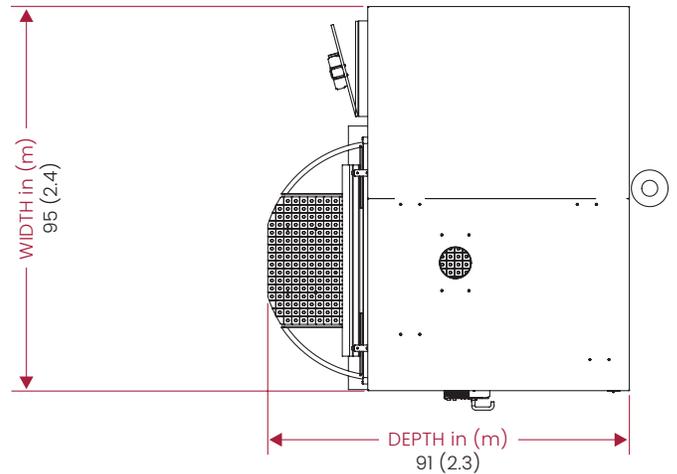
Footprint (D/W/H) in (m)	Working Tool Envelope in (m)	Number of Work Zones	Weight Capacity per Side lbs (kg)
91 (2.3) D / 95 (2.4) W / 114 (2.9) H	32 (0.8) × 20 (0.5)	2	276 (125)

CompactLine

# LCM iD-125 CRX LASER

## Dual Station Turntable

Configuration Type: FANUC®/IPG®



## COMPREHENSIVE PROJECT MANAGEMENT

We not only offer cell solutions, but also comprehensive project management through to turnkey solutions. If required, we can provide you with training, process support, clamping fixtures and tooling.

Please note: Subject to technical changes.



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