



ROBOT

FLEX robot HUMARD® adapted on
Rofin laser

THE PERFECTION
FOR A BETTER
PRODUCTIVITY

Discover the advantages of the FLEX Robot HUMARD®

Of polar type, the FLEX Robot HUMARD® will provide you modularity and flexibility answering all your waits. Adaptable on all the CNC machines as well as to all the types of movements, this robot is going to answer all your requirements.

Made to load and unload work pieces on the machining centres and to fit components together, this robot can work on two machining centres simultaneously. Equipped with a palletization system, the Robot FLEX HUMARD® is the answer to all your requirements..

Technical characteristics

Outline of the advantages :

- ▶ Modularity
- ▶ Low ground space (1m²)
- ▶ Simplified operator mode
- ▶ Simplicity of adaptation
- ▶ Continuous operation
- ▶ Productivity gains
- ▶ Telemaintenance via internet
- ▶ Ergonomics

General characteristics

System particularity	Modularity
Can be adapted to fit all CNC machines	Yes
Number of CN axes	6
Quick work pieces series changeover	Yes
Working type	Continuous
Palletization	Automatic positioning
Telemaintenance system	Integrated
Product's safety standards	EC
Possibility to save work pieces programs	Yes

Size

Dimensions (length x width x height)	1'250 x 800 x H 2'600 mm
Surface on the ground	1 m ²
Weight	1'000 Kg

Characteristics of the project

Type of treated work pieces	Watch-making domain
Type of the polar robot	Stäubli TX60 L
Pallets size	280 x 220 mm
Autonomy of the machine	500 mm
Semi automatic positioning of the work pieces	Yes, with a Renishaw system
Machining cycle time	60 sec. / work piece
Specificities of the project	FLEX Robot fit on two CNC simultaneously, Rofin Laser and softening machine HUMARD®



The team of experts at HUMARD® is at your service.
Don't hesitate to get in touch with them !

HUMARD Automation SA
6, rue St-Randoald
CH - 2800 Delémont
Switzerland
Tél. +41 32 421 40 90
Fax +41 32 423 29 26
www.humard.com
info@humard.com