



## CAJO HELIXA™ - TURNING AGILITY INTO EFFICIENCY AND PRODUCTIVITY

### CAJO HELIXA™

**Cajo Helixa™** is a turnkey device platform with servo-driven technology for the high-class marking of semi-finished and finished products with diverse marking content. Helixa can be equipped with integrable Cajo Tailor™ lasers from with the desired optics to meet different production needs.

Helixa is equipped with a servo-driven Z-axis and a dual-position rotary table, ensuring highly efficient production. While one part or batch of products is being marked, another can be simultaneously unloaded and reloaded, minimizing downtime and maximizing throughput.

With the intelligent production mode of **CajoSuite™** software, different parts and marking surfaces can be defined for each marking cycle. The system automatically adjusts the Z-axis accordingly, ensuring precise marking

on varying surfaces and product types. The marking area itself is defined by the selected optics.

Cajo Helixa™ can be integrated smoothly into the production line or used as a separate workstation. The unit comes with adjustable feet as standard, allowing operators to set the optimal working height with proper ergonomics in mind.

The easy-to-use CajoSuite™ software makes designing and customizing marking content simple and flexible. It enables the addition of variable marking information, such as logos, serial numbers, barcodes, QR and data matrix codes, and other product information.



**Choose Cajo for efficient product marking.**



HIGH-QUALITY, PRECISE, AND PERMANENT MARKINGS



SEAMLESS INTEGRATION FOR INDUSTRY 4.0



LOW RUNNING COST, SHORT PAYBACK TIME



SEMI-AUTOMATED PROCESS



FAST AND EASY TO OPERATE



SUPPORTS VERIFIED CAJO MATERIAL LIBRARY

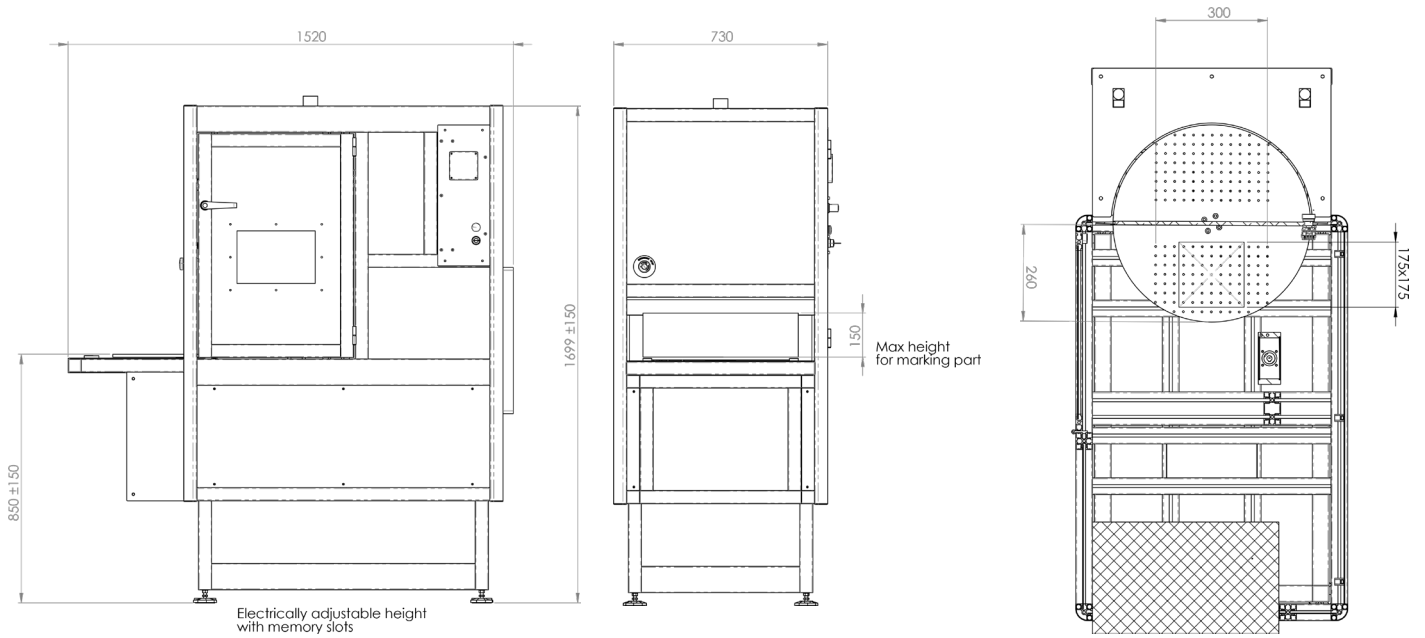
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## CAJO HELIXA™ - TURNING AGILITY INTO EFFICIENCY AND PRODUCTIVITY

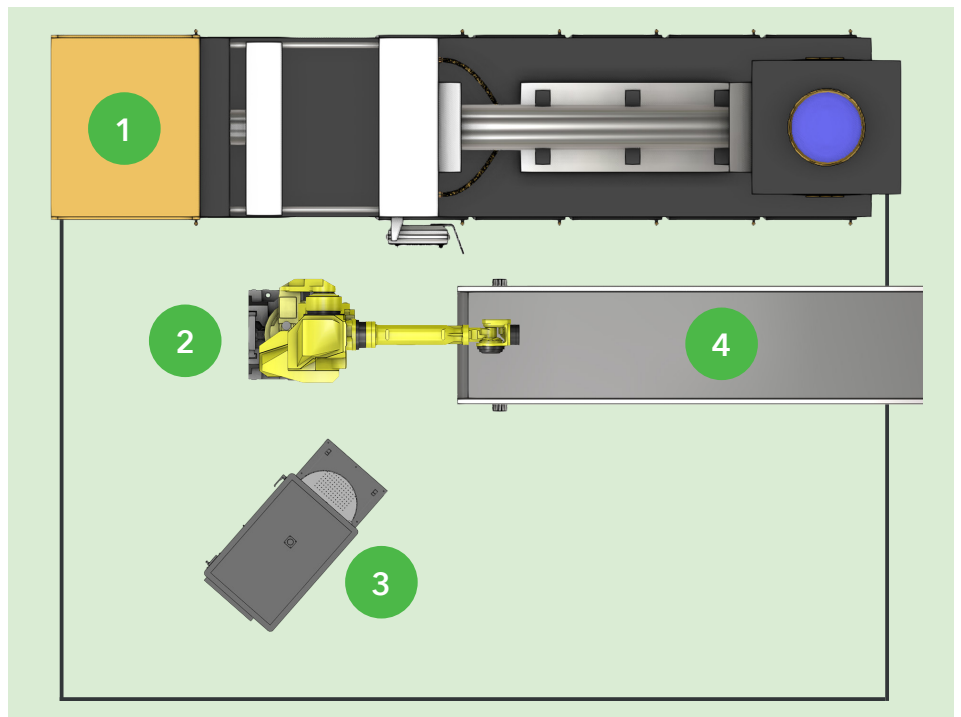


### STANDARD CONFIGURATION:

- 2 Position rotary table
- Max part height 150 mm
- Max load for rotary table 30 kg
- Electrically adjustable height for optimal work ergonomic

### USE CASE EXAMPLE:

1. Injection molding machine
2. Robot for part loading and unloading processes
3. Cajo Helixa™ laser marking device with rotary table
4. Unloading conveyor



## TECHNICAL DATA

Laser class	Class 1
<b>Max height of product for rotary table use (standard configuration)</b>	<b>150 mm</b>
<b>Max height of product for side door use (H x W x L)</b>	
Tailor FiberPlus with 175 x 175 mm marking field	210 x 300 x 260 mm
Tailor FiberPlus with 220 x 220 mm marking field	120 x 300 x 260 mm
Tailor UV with 160 x 160 mm marking field	220 x 300 x 260 mm
Power supply	240 V / 50 Hz or 110 V / 60 Hz (depending on device version)
Power consumption	300 W + Tailor unit
Marking head position adjustment	Software controlled (CajoSuite™)
Dimensions (H x W x L)	1699 x 730 x 1520 mm Electrically adjustable height with memory slots (± 150 mm)
Weight (without Tailor)	165 kg
Ambient conditions	10-40 °C, humidity (non-condensed environment) ≤95 %
Fume extractor outlet	50 mm
Connectivity	I/O: 6 x IN 24 VDC, 6 x OUT 24 VDC 1 x LAN (for control) 1 x EtherCat (option)
Marking software	CajoSuite™
<b>Computer minimum recommendations for Tailor</b>	(Not included in standard delivery)
Processor   Memory   Hard Drive	Intel i5   4 GB   64 GB
Operation system (x64)	Windows 10   Windows 11
Interfaces	1 x LAN
<b>Suitable Tailor units</b>	Tailor FiberPlus 20 / 60 / 100 W Tailor UV 4 (Requires extended cabinet)
<b>Options</b>	External Control Stand PC and accessories Fume extraction units

### TRADEMARK

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