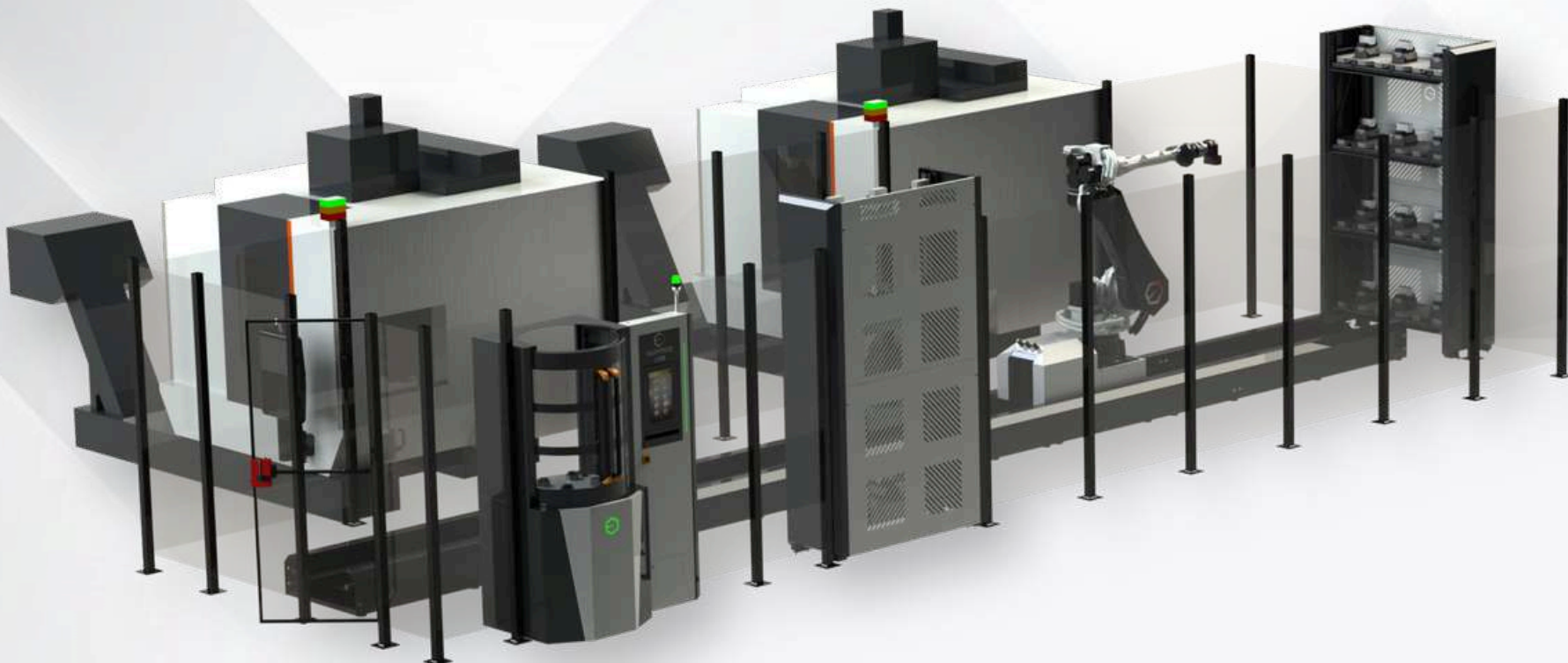


*Our innovations for **your productivity***





Engineering Data

ENGINEERING DATA is a specialist for nearly 35 years in clamping and robotisation solutions that help you increase your machine center productivity. We support you from conception to production of machining fixtures and robotised cells.

Our know-how

Historically established in clamping and rapid change, we have continued to evolve by developing industrial processes for the robotisation of these assemblies. Our part loading and unloading solutions are adapted to turning and milling centres and metrology, as well as to checking fixtures.



Our vision

Innovation is ENGINEERING DATA's DNA, and our current and future solutions aim to meet the challenge facing tomorrow's industry: Industry 4.0.

Our mission

Responding to the needs of manufacturers with innovative robotisation and rapid changeover products to increase their machining productivity and flexibility.





EasyBox

page 5-8



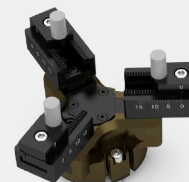
EasyProd

page 11-26



Accessories EasyBox

page 9

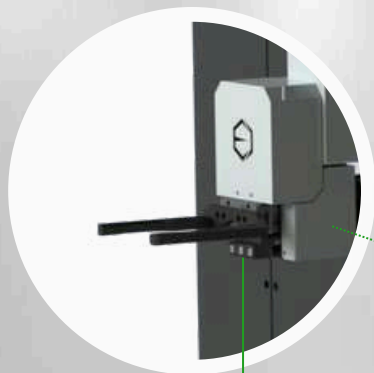


Accessories EasyProd

page 10

Productivity & After Sales Service

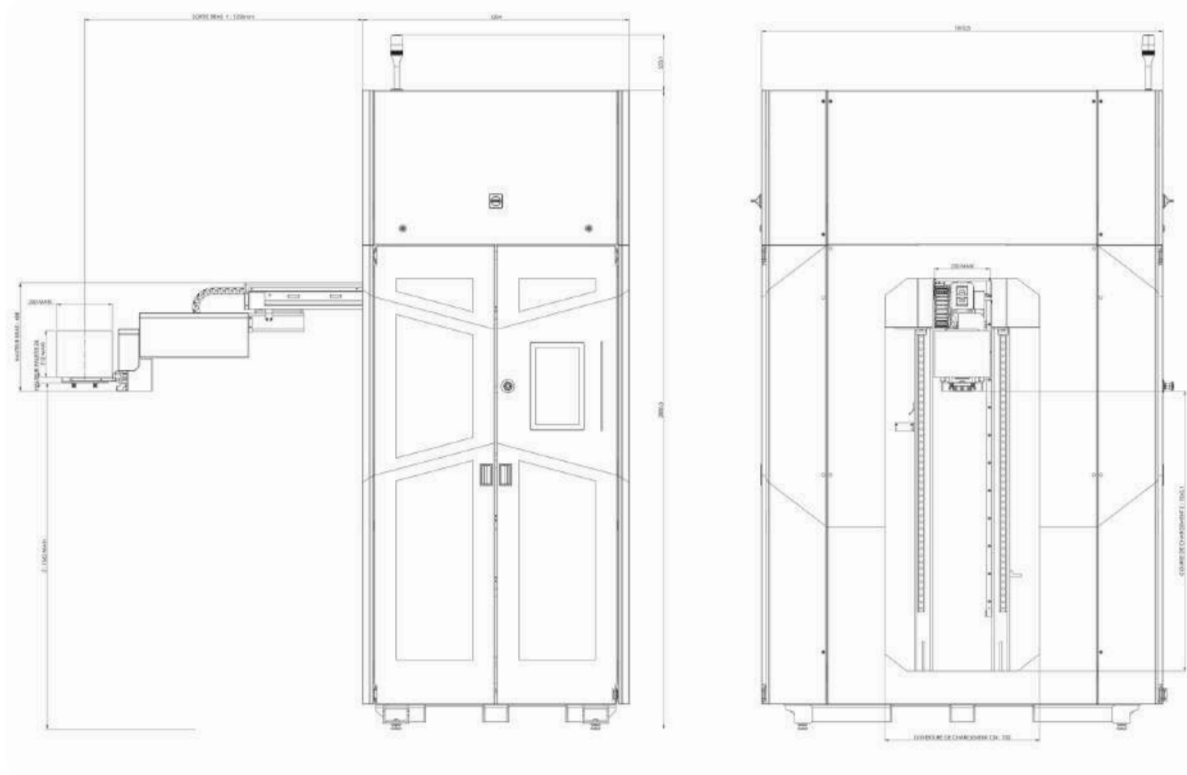
page 27-29



WITH OR WITHOUT PNEUMATIC COUPLING



EasyBox T50 Evo



Compactness is the T50 Evo main advantage : barely 2 m² on the floor. It has a storage capacity of 35 pallets (54 as an option). Easybox T50 Evo consists of a 3-axis robot, integrated into the pallet magazine, which feeds the machining centres with 50 kg pallets. It can handle one or two machines at a time. Its intuitive interface makes it easy to use.

EASYBOX

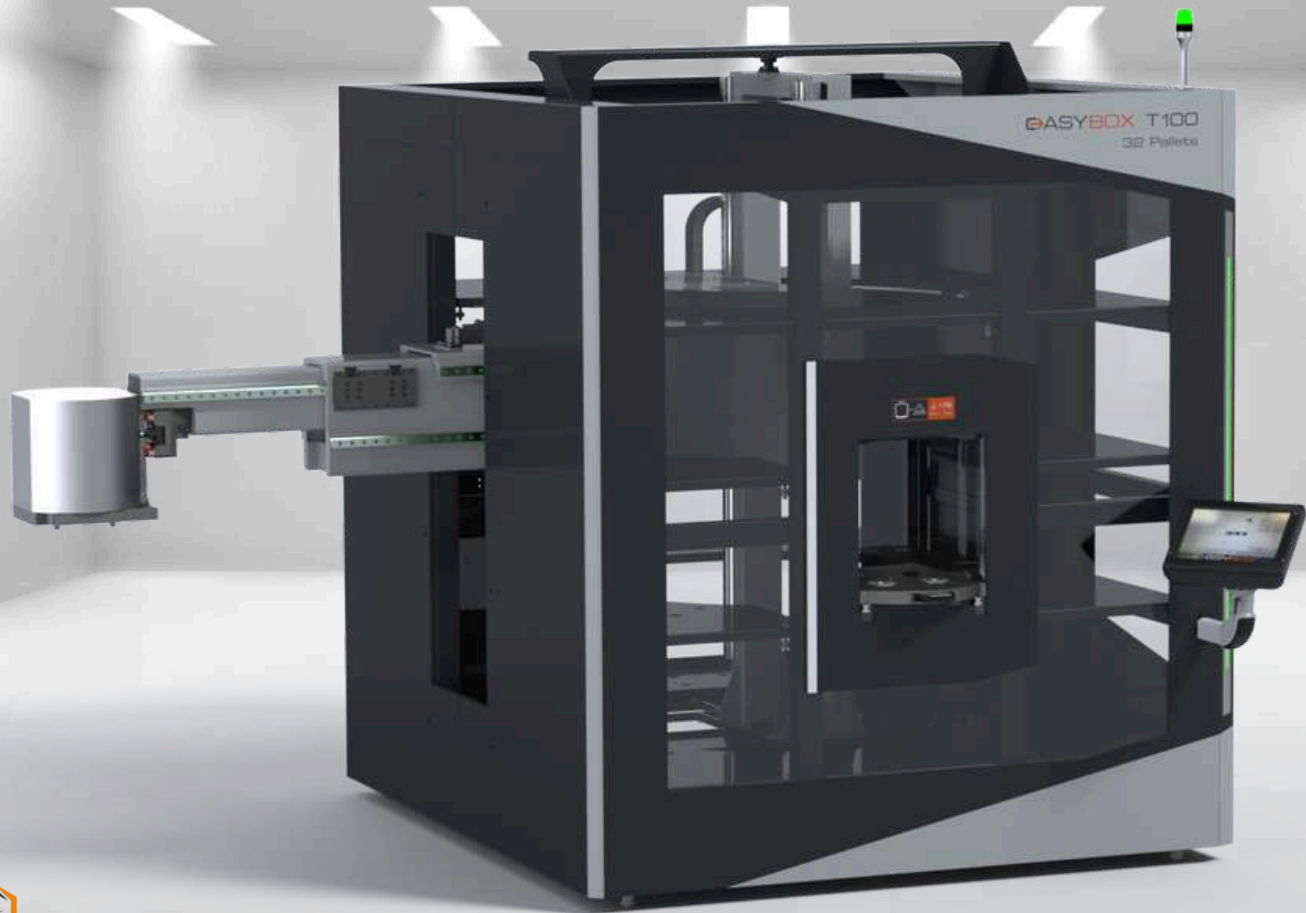
Payload capacity
Pallet capacity
Machining volume
with slug
Dimensions



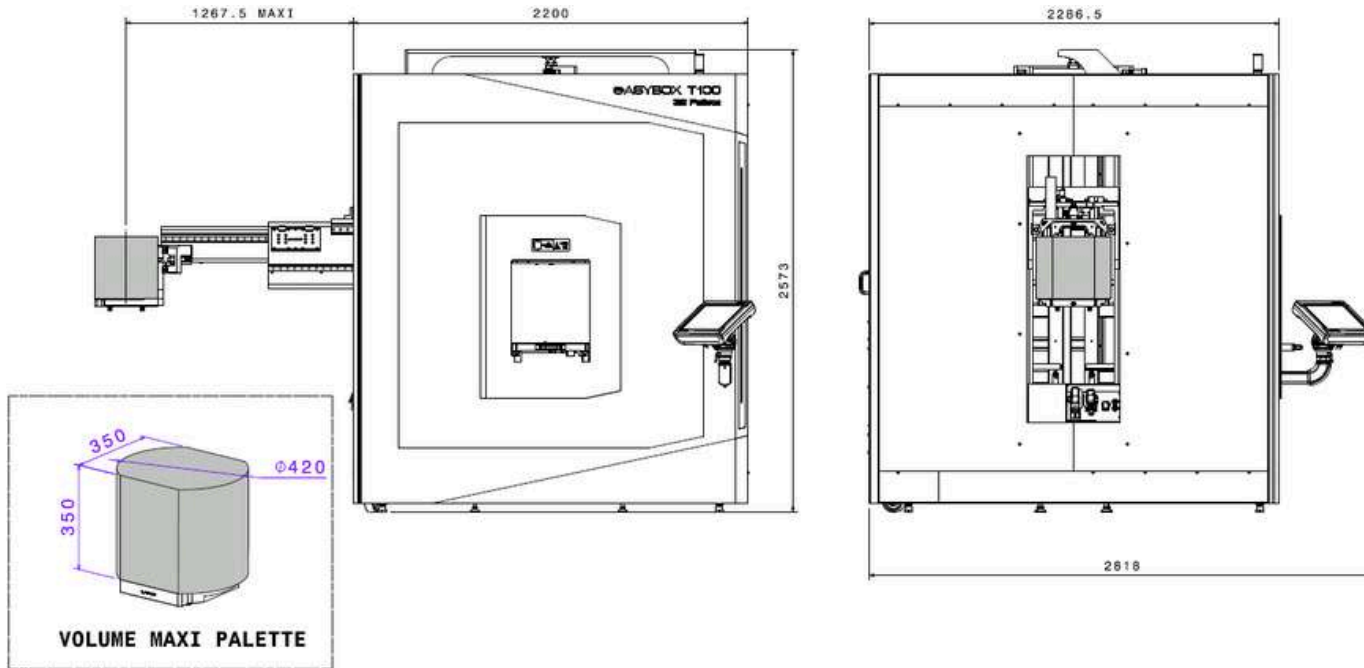
New product

T50 Evo

50 kg
35 pallets (54)
250 x 250 x 212 mm
250 x 250 x 150 mm
1204 (I) x 2880 (H) x
1811 (L) mm



EasyBox T100



Compactness is the T100 main advantage, with a floor area of just 5 m² and a storage capacity of 32 pallets. Easybox T100 consists of a 3-axis robot, integrated into the pallet magazine, and feeds the machining centres with 100kg pallets. Its intuitive interface makes it easy to use.

EASYBOX

Payload capacity
Pallet capacity
Machining volume
Dimensions

T100

100 kg
32 pallets
Ø 420 x 350 mm
2 200 x 2 296 mm

EasyBox T50 Evo range -> Accessories



Upper table

We fit your machining centre with an upper table enabling you to reposition your tooling to within 5µm with or without external coupling.



Vices pallet HWR

This vice has a maximum jaw opening of 205 mm. It offers optimised access to workpieces during 5-axis machining and the most powerful holding power on the market, thanks to its patented 'form-in-form' clamping technology..

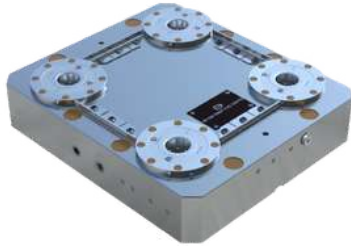


Pallets

Bare pallets are available to complement the range. Ideal for mounting your own tools.



EasyBox T100 range -> Accessories



Upper tables

We fit your machining centre with an upper table equipped with zero-point systems for repositioning your tooling to within 5µm.



Pallet vices

With precision concentric clamping. This vice is fitted with interchangeable and offset case-hardened jaws for a maximum incremental opening of 318 mm.



Pallets

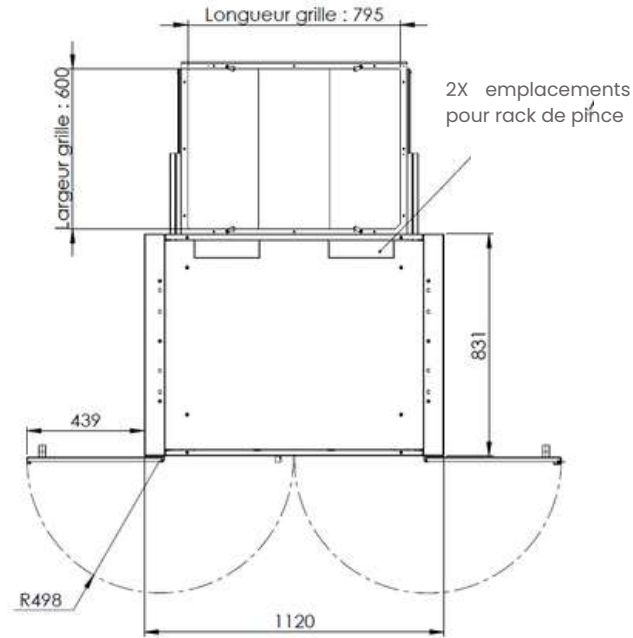
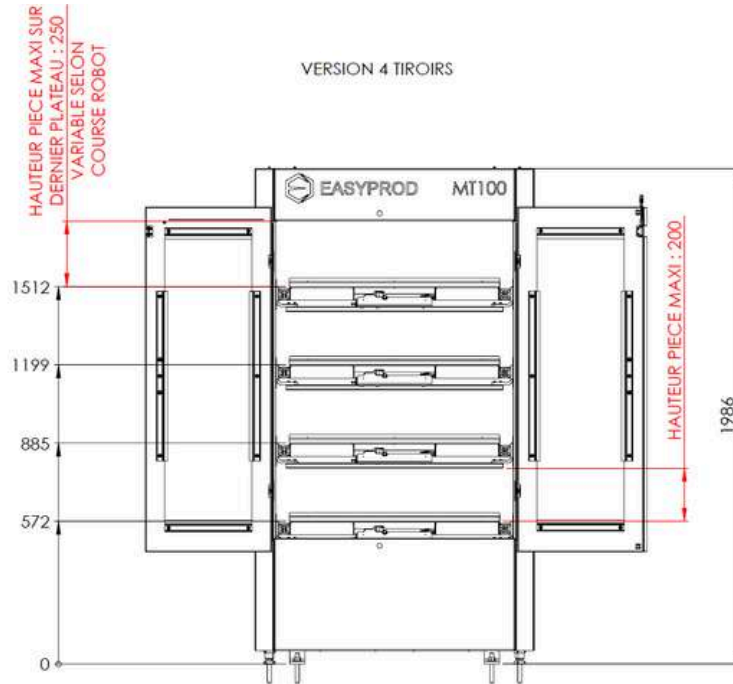
Bare pallets are available to complement the range. Ideal for mounting your own tools.

COMPACT
SIMPLE
FAST



ENGINEERING DATA
Construction, machine building

EasyProd MT100



The advantage of the MT100 is its compact drawer magazine, which considerably increases the autonomy of your production. It can hold up to 5 modular drawers. You can produce up to one reference per drawer. Available in 250kg per drawer version.

EASYPROD

Payload capacity

MT100

100 kg per drawer



EasyProd PLUS



STORES A LARGE QUANTITY OF PARTS AND TOOLING

EASYPROD PLUS consists of a polyarticulated robot and a large storage system to maximise your productivity by automating small, medium and large production runs, reducing manual processes and considerably increasing your storage capacity.

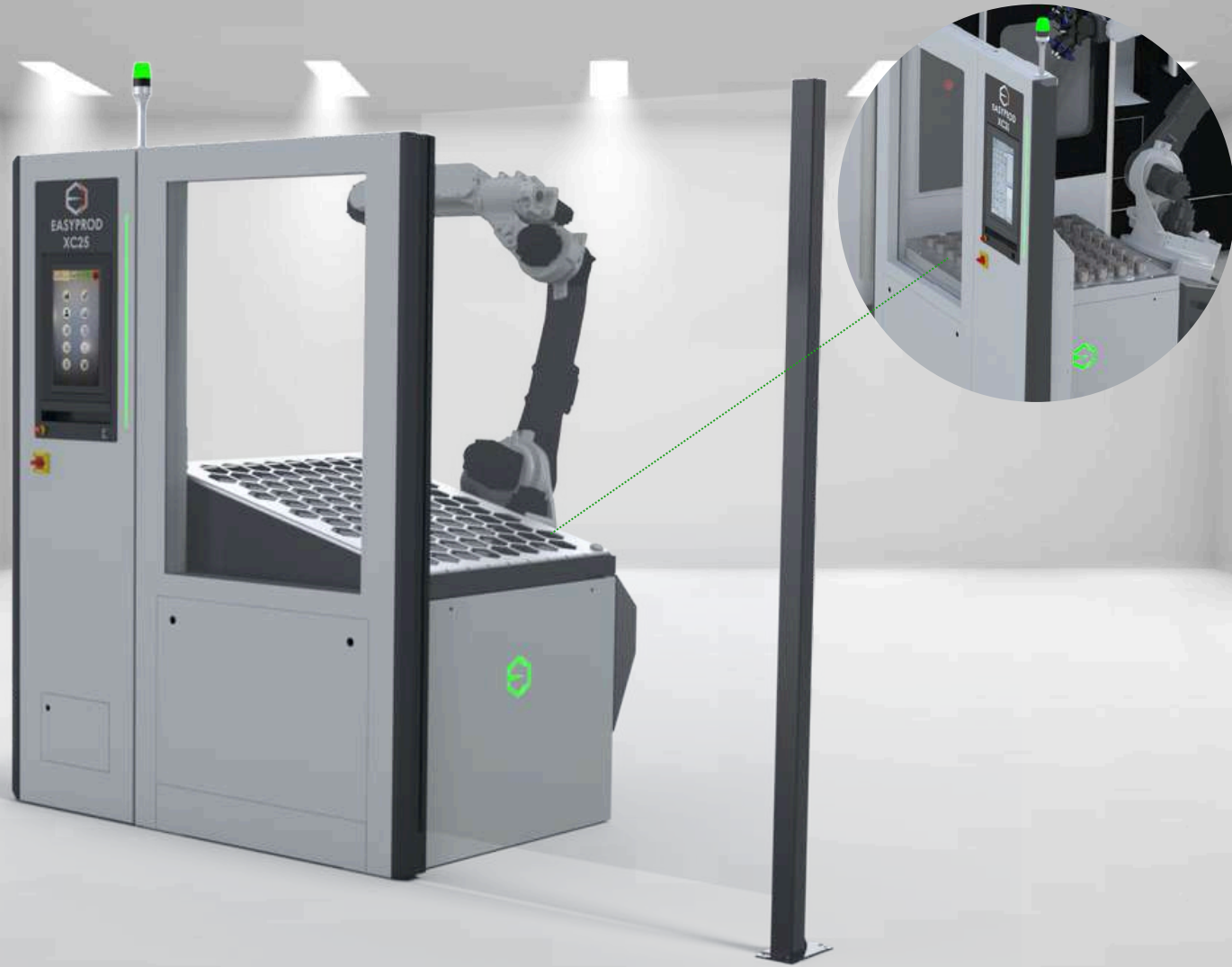
**COMPACT
SIMPLE
STORAGE**

EASYPROD

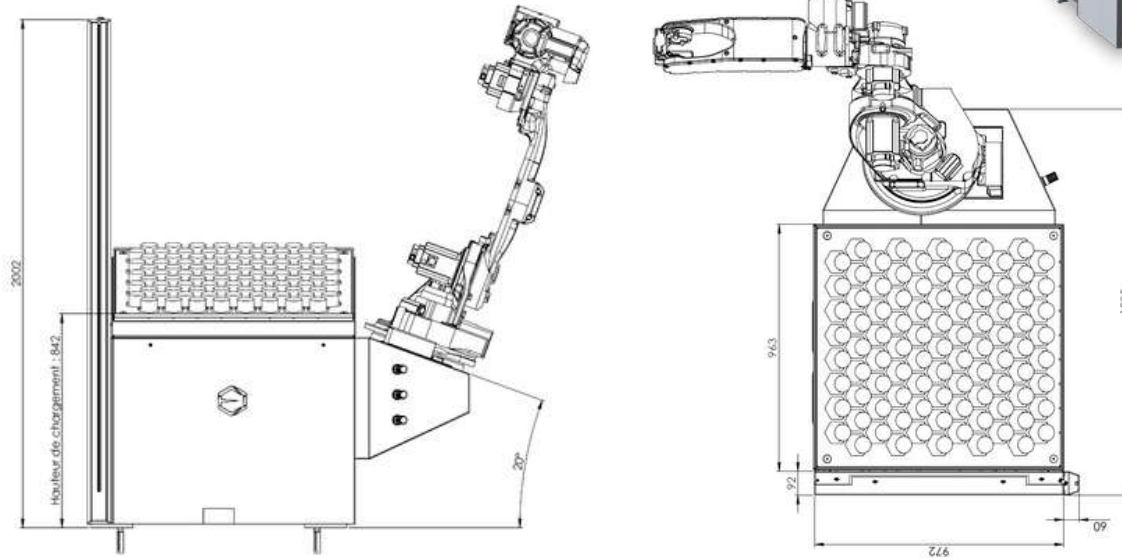
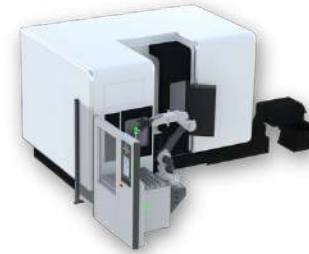
PLUS

Payload capacity (robot) ∞

Dimensions (storage) **2556 x 1936 x 4130 mm**



EasyProd XC25



HANDLES PARTS LOADED ON INTERCHANGEABLE GRIDS



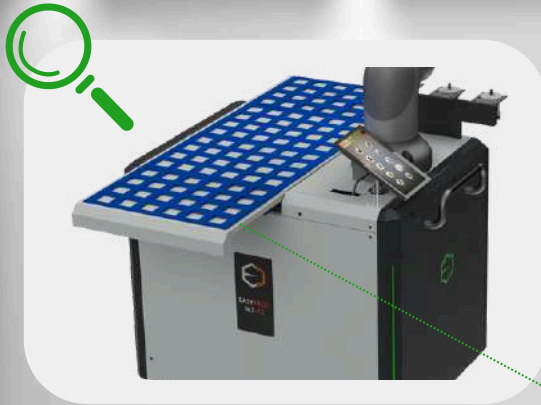
Quick production set-up, no robotics knowledge required



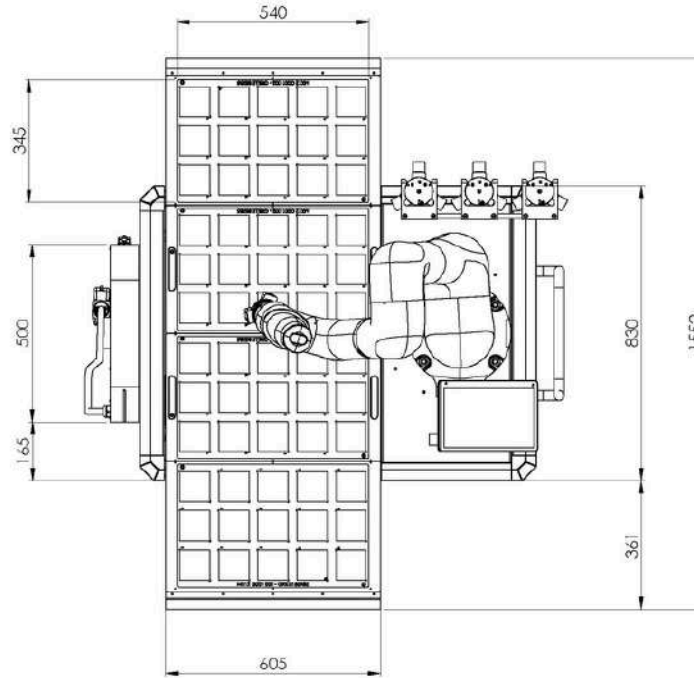
Fitted with single or double clamps. Optional automatic clamp change



Modular installation, customisable application



Technical drawing of the SAEVPROG MD-12 robot arm and base. The drawing shows a side view of the robot with its articulated arm extended. Dimensions are provided in millimeters: overall width 1116.5, base width 83.5, base height 67.3, and total height 2093. The base features a logo and the text "SAEVPROG MD-12". The arm has a "KUKA" label.



EASYPROD

MX8 / MX12 / MX20

**8, 12 ou 20 kg
up to 200 parts**



New product

EasyProd RX

Hybrid Cell

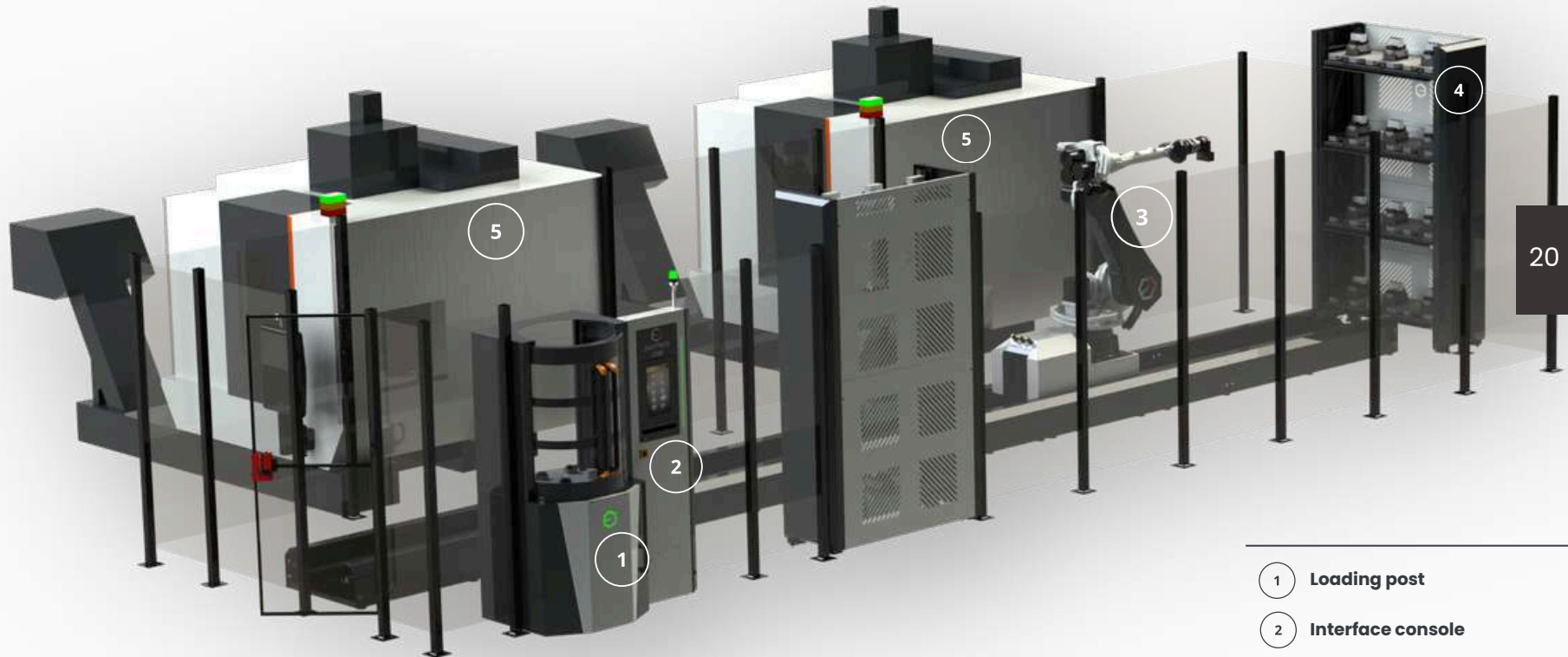
19



- 1 Loading post
- 2 Interface console
- 3 6-axis robot
- 4 Pallet storage

EasyProd LX

Hybrid Cell



- 1 Loading post
- 2 Interface console
- 3 Rail-mounted 6-axis robot
- 4 Pallets storage
- 5 5-axis milling centre

Standard products



1

The **loading station** adjusts to the size of your pallets, offering maximum flexibility. This ensures precise and safe pallet positioning, while optimising the efficiency of the loading process.



2

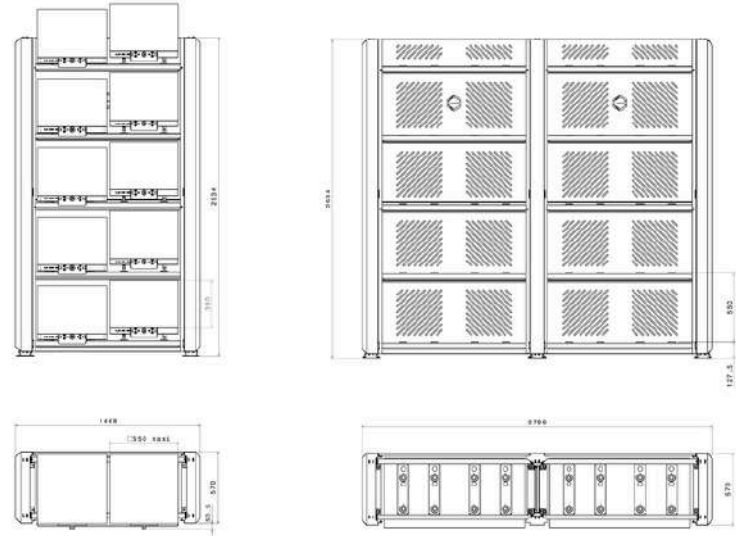
The intuitive **interface** makes it easy to manage the robot, prioritise tasks and restart automatically after an emergency stop. Statistics and information are accessible via a touch screen.



4

The **warehouses** are available with **EasyProd RX** and **LX** depending on the customer's requirements. Modular, they can contain from 4 to 5 trays, enabling storage of between 10 and 20 pallets.

Warehouses

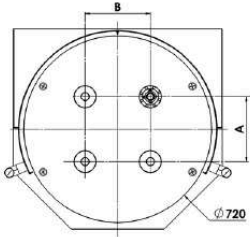
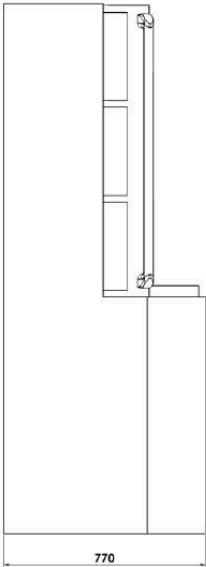
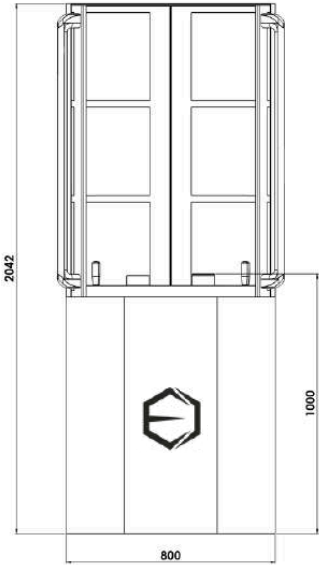


The warehouses are available as part of an EasyProd RX or LX installation, depending on the customer's requirements.

The warehouses are modular and the number of trays can be varied. **As standard**, a magazine consists of **4 to 5 trays**, which can store **10 to 20 pallets** (depending on size).

As an option, oil trays can be added to the magazine to collect cutting oils and residual shavings.

Loading Post

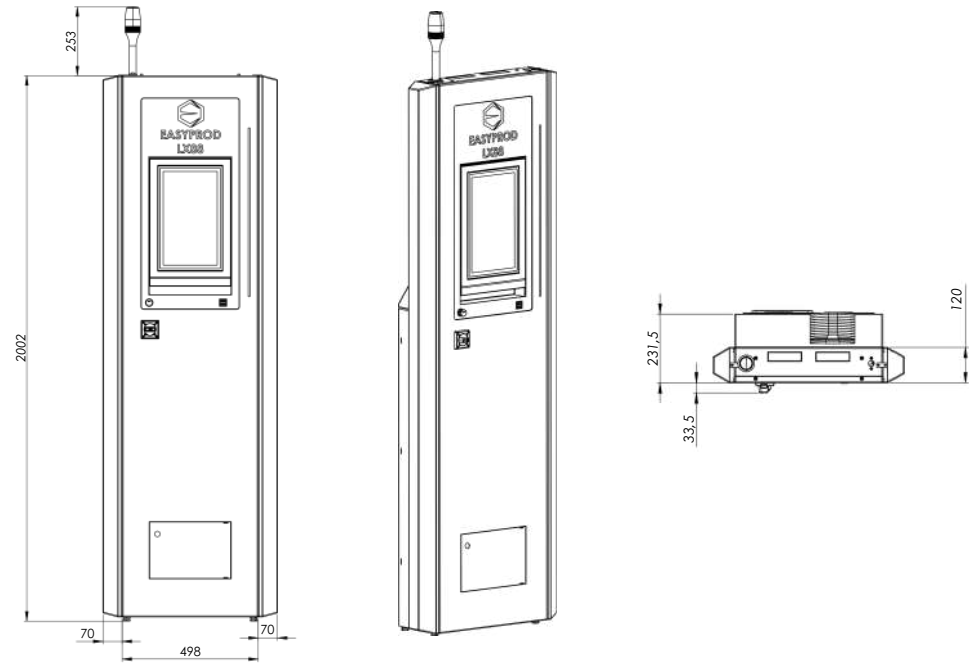


A	B	dimension palette
200	200	200 x 300
200	200	200 x 400
200	200	300 x 300
200	200	400 x 400
250	250	250 x 400
250	250	250 x 500
250	250	400 x 400
250	250	500 x 500

*au-delà de Ø1000, nous consulter

The loading station features EasyLock zero-point systems for diameters up to Ø750 to adapt to the size of your pallets. Available in Ø1000 version.

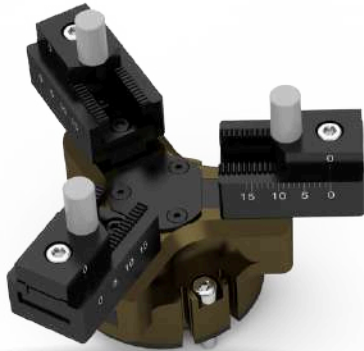
Ergonomic interface



Operation is simple and intuitive :

- Robot management and workpiece series allocation
- Priority management according to production needs
- Immediate restart in the event of an emergency stop: the robot recognises its position and restarts without human intervention
- On-screen production statistics
- Each part reference can be identified by an image of the product to facilitate management by the operator
- Information on all robot components via touch screen

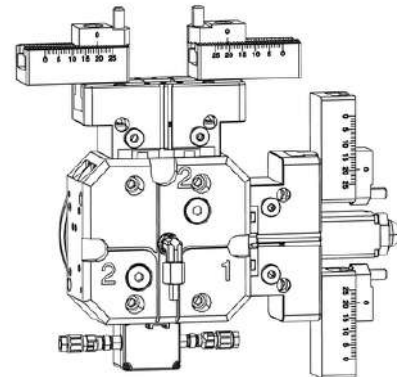
Accessories



Our quick-change system allows the use of different grippers (parallel/concentric/suction/pallet).



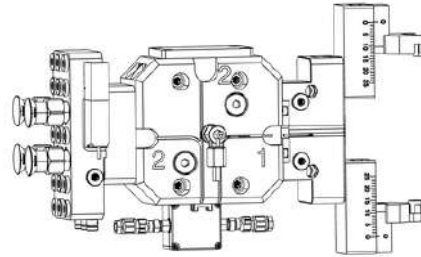
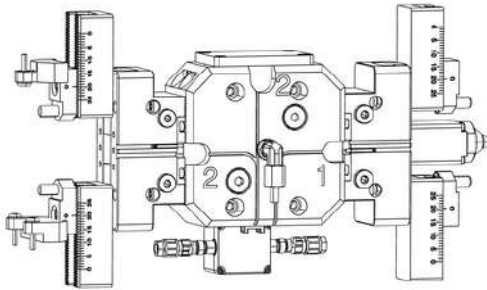
Parallel double clamp, mounted at 90°.



Accessories



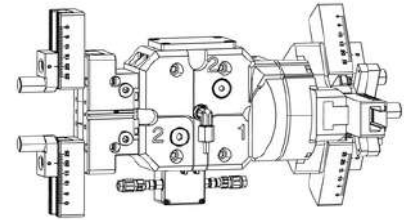
Parallel double clamp, mounted at 180°



Double parallel combination gripper - 180° mounted suction pads

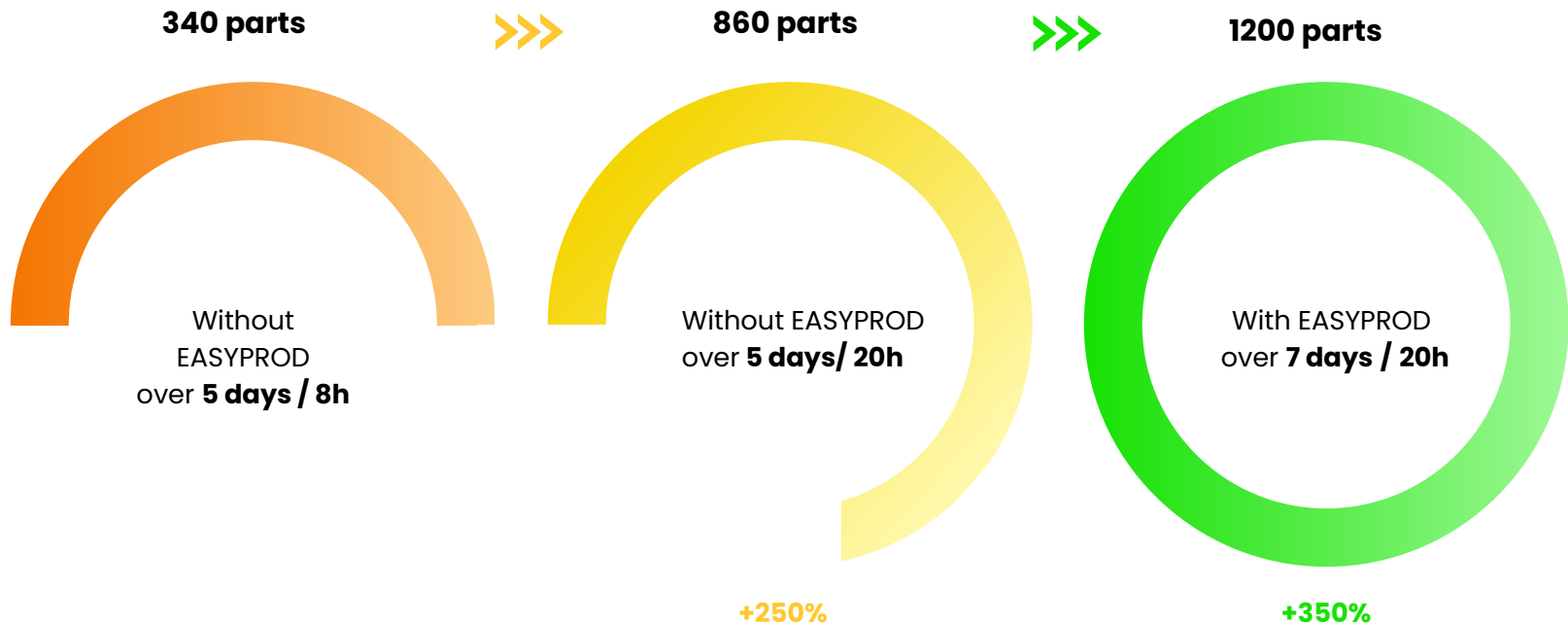


Combined parallel - concentric double clamp mounted at 180°.



AN EXAMPLE OF PRODUCTIVITY GAINS

With the same payroll



After-sales service and remote maintenance at your disposal



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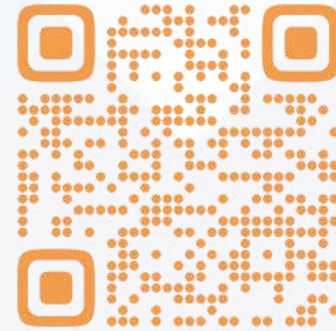




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