



**Danish manufacturer  
and supplier of  
robotic cells for all  
types of automation.**

**EasyRobotics®**  
*- we move your parts*



# ProFeeder Table

Makes it fast and flexible to get started with robot automation.

ProFeeder Table is a compact modular robot cell, prepared for the installation of a robot. The ProFeeder modular system can be expanded in 3 steps, from production automation of small series that can be upgraded, to full automation of large production series.

The expansion and investment is made in accordance with your production needs.

Expansion options: Table for placement of measuring equipment or fixtures.

**Good for:**

**Cutting Finishing and Polishing**  
**Grinding Deburring Welding**



# ProFeeder Light

The ProFeeder Light robot cell consists of a basic module with 1 flexible manual removable parts tray designed for handling all types of parts.

The ProFeeder modular system can be expanded in 3 steps, from production automation of a small batch that can be upgraded, to full automation of large production batch.

**Can be used for:**

- Bin Picking
- Welding
- Assembly
- Measurement
- Machine tending
- Polishing

**Industries:**

- Metal and Machining
- Automotive
- Pharma
- Electronics
- Plastic and Polymers
- Food Industry (stainless steel)



Can handle parts up to

**10** kg

Can be changed to angle axis.

**45°**

The robot arm can be moved around on all

**3** sides

# ProFeeder

The ProFeeder – safe operation and easy changes.

The ProFeeder robot cell consists of 1 basic module, 2 movers with 2 lexible part trays. The part trays are automatically centred, and are designed to accommodate all part types.

## Product advantages:

### Increased production

The solution makes it possible to introduce lights out production; the operator is informed of downtime by a text message.

### Increased efficiency

Automated supply to the CNC machine ensures consistent high quality. The required man hours for operation can be reduced from 8 hours to less than 1 hour.

### Quick series changes

ProFeeder is easily moved with a pallet truck. Quick change over time makes ProFeeder suitable for small and medium production series.

### Good investment

The typical return on investment is less than 1 year.



# ProFeeder Q

ProFeeder Q is expanded with a change module that automatically switches the trays with the parts to be processed.

**The capacity is increased from 1 to 4 parts trays per mover.**

The solution makes it possible to run a fully automated 4-shifts operation, or it can replace unmanned night shifts where any downtime is notified by a text message (optional).

## Product Advantages:

The return on investment is less than

**1** year

Provides the ability to run a fully automated

**4** shift operation

Suitable for larger production

**Series**



# ProFeeder Compact

Compact Footprint on your factory floor.

## Product Advantages:

### FAST AND EASY PRODUCTION

ProFeeder Compact, a complete console machine with upto 6 TRAYS for flexibility and speed of production. The feeding trays can be easily unlocked by an operator.

### 2 LOCKING SYSTEMS AVAILABLE

Mechanical or Air locking systems. Airlocks run in Modbus.

## Benefits:

- Consist upto 6 trays
- Airlock system
- Optional docking station
- Easily movable around production
- Optional mounted with GD wheels for easy transport
- Optional ER pedestal for Robot Arm and controller compartment



# ProFeeder X

Higher production capacity.

## Product Advantages:

**LARGE PRODUCTION** – delivered with 2,5 or 10 trays options ideally to lower cycle time resulting in fast production. Robot arms can be mounted in different angles allowing its ultimate flexibility.

**2 LOCKING SYSTEMS AVAILABLE** – Mechanical or Air locking systems. Airlocks run in Modbus.

**MOVE AROUND PRODUCTION** – want to scale production and reduce cycle time on your factory floor? The ProFeeder X is a robust machine designed to handle multiple parts in several trays.

## Benefits:

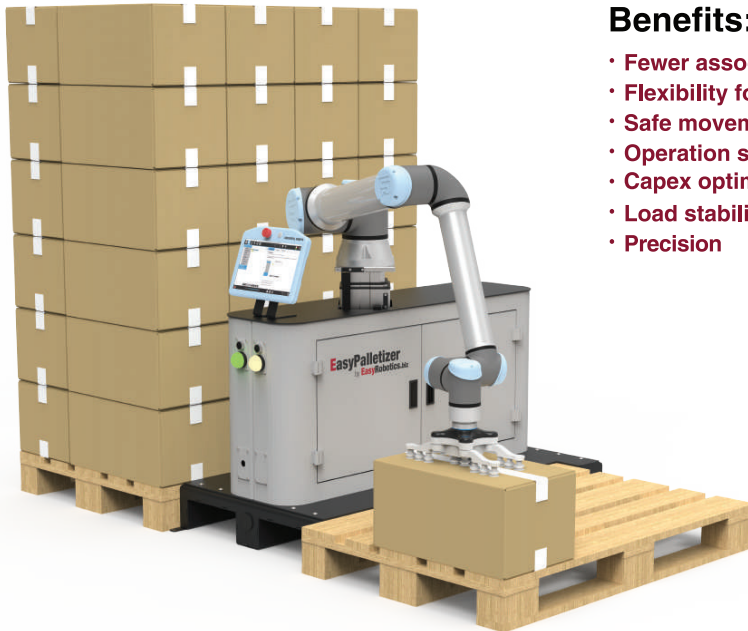
- Consist upto 10 trays
- Designed for large volume production
- Bracket for robot teach pendant
- Placement for KTS boxes
- Scalable tray systems
- Very compact footprint dimensions



# EasyPalletizer

**The EasyPalletizer, is a platform designed for the purpose of making palletising easy and mobile inside a factory.**

The EasyPalletizer consists of a Europallet sized console with compartments for; robot controller, cables, hoists and lifting module from SKF or pedestal. The EasyPalletizer is a robust design with a total weight of 300kg, excluding the robot and lifter. Each side of the EasyPalletizer consists of a docking system for pallets that confirm the location.



## Benefits:

- **Fewer associated worker injuries**
- **Flexibility for manufacturing**
- **Safe movement of boxes**
- **Operation speed**
- **Capex optimised**
- **Load stability**
- **Precision**

## Product advantages:

### Ethernet RJ45 connector

Ensuring monitoring or access via third part products from outside of the palletiser. The palletiser comes with a connection for an ethernet cable.

### Multipurpose lamps and ethernet plug

At the front of the EasyPalletizer are two I/O connectable multipurpose lamps (with multiple configurable colors).

### Pallet detection

The EasyPalletiser consists of four detection pins 2 on each pallet side which ensure correct docking of pallet before starting to palletise.

### Push buttons

Push button is located above each lamp to confirm the location of the pallet, reset or activation of the robot can also be achieved.

# Easy Door

EasyDoor from EasyRobotics is built upon proven components from Siemens.

It is a flexible automatic door opener for a variety of applications in the CNC machining industry. Setup is easily performed during installation giving ramp up and down settings to the motor automatically.

The solution features integration to a high-level controller through simple connection. It supports Profinet, Profibus and digital input/output.



## Product advantages:



Easy to use



Safety



Cost effective



Easy installation

# ER5

ER5 work mobile Cobot platform, made to maximise robot mobility.

ER5 mobile cobot platform is a compact mobile workstation for a safe collaboration with robot arms. ER5 is used in fully or partly automated production environments that demand enhanced flexibility and fast integration.

The ER5 is developed with respect to secure robot arms and to its maximal mobility. The integrated wheels and handles facilitate easily moving and deploying the ER5. The ER5 arrives fully mounted with trays, with an option to add a robot arm, and control panel and can be moved without the use of a forklift or pallet truck.

## Suitable for:

Maximizing mobile and flexible robotic automation in compact facilities.

UR3 and UR5 collaborative robots from Universal Robots.



## Product advantages:

### Multifunctional handle works

Teach pendant, handle for transport and easy placement of attachable wheels for storing in e.g. trunks of vehicles. Optional feature.

### Integrated cord winder and foot pad

Ensuring high safety in productions. No loose cords. Easy tilting and moving of ER5-WORK.

### Single-person handling

ER5-WORK fits fully mounted with a UR cobot in the back of van.

### Interchangeable perforated parts plate

Space saving feature, containing both unprocessed and processed parts. Serving as an integrated parts container when moving the cobot between processes.

# ER200

The NEW ER200 is used in fully or partly automated production environments which demand enhanced flexibility and fast integration.

ER200 is a solid, mobile and compact working station to be mounted and integrated into MIR Robots, enhancing the collaboration between UR and MIR Robot collaboration advantages.

## Product advantages:

### Increased production

ER200 is a working station to be mounted and integrated onto MIR Robots.

### Quick series changes

The NEW ER200 is used in fully or partly automated production environments which demand high levels of flexibility and fast intergration together with a UR3 or UR5 robot arm

### Good investment

The ER200 platform is compliant to ER+ Software

### Increased efficiency

Harting connector for UR control can be mounted on the rear



# ER1000 Pallet Station

The ER1000 station is designed to lift and deliver pallets up to 1000 KG supporting MIR 500/1000.

## Product Advantages:

### FASTER & REPEATABLE OPERATION

The ER1000 is a drive through station which means the MIR500 /MIR 1000 can access the station without reversing from delivery points resulting in a faster and repeatable operation in the system.

### ONE CONTROL UNIT

ER1000 can be extended to consist of two stations for delivery and pickup with only one control unit in the center. The communication protocol is based on the latest OPC-UA between either MIR 500 and MIR 1000.

### REQUEST FOR ROBOT PALLET PICK UP

ER1000 consist of full communication for MIR500/MIR1000 to call or request for pallet pickup or drop off.





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Per Lachenmeier, Anders Kjempff and Henrik Vesterlund Sørensen are the people behind EasyRobotics. Together they have more than 50 years of experience in designing, developing and producing advanced machines for industrial applications.

In 2015 the idea was born for ProFeeder, a mobile and compact automated robot cell that can be mounted on a robot, enabling parts to be fed in and out of fully automatic CNC lathes and milling machines. The robot cell has a parts tray placed in a feeder.



Visit our website,  
scan QR-code.

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