



EasyRobotics®
- we move your parts

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

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 for mounting of 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.



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ProFeeder Alu

Compact design and versatility of use.

The ProFeeder Alu (former Table) is a compact robot work cell perfectly made for a great number of applications, like polishing, finishing, pick and place or assembly. Highly flexible robot table contains no trays, provides mobility and makes it fast to get started with automation.

The expansion and investment can be made gradually, in accordance with your production needs. The integration of the robot work cell in the production process can be performed in 3 steps, from production automation of small series - to full automation of large production

Good for:

- Assembly • Finishing • Quality control
- Measurement • Deburring • Polishing



ProFeeder S

Robust and cost-effective robot cell.

The new ProFeeder S is a part of the ProFeeder family. The design is solid, unique and optimized by our engineers for gaining best performance in production automation.

High efficiency of this robot-cell is not the only advantage - it is also a simple and cost-effective solution.

The product can provide high capacity by five large trays with maximum load up to 150 kilo each. Each tray has a mechanical magnetic lock.

Perfect for:

- Machine tending • Pick and place
- Dispensing • Material handling



ProFeeder Tray

Basic solution with capacious universal parts tray.

The ProFeeder Tray is a basic and universal automation unit with changeable, universal parts tray. The parts tray has 72 teardrop-shaped holes. It is designed to accommodate all types of parts.

Can be used for:

- Machine tending
- Pick and place
- Dispensing
- Material handling
- Grinding

Industries:

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



Can handle parts up to

10 kg

Can be changed to angle axis.

45°

The robot arm can be mounted on all

3 sides

Industries:

- Automotive
- Metal and Machining
- Electronics
- Food and Beverages
- Pharmaceutical
- Diverse production



ProFeeder X-XL

Self-sufficient, convenient and still compact.

Product Advantages:

SPACIOUS AND VERSATILE

ProFeeder X-XL allows you to place it on any type of equipment, like a CNC machine or a conveyor. It is 500mm wider than the standard ProFeeder X and is available with 2 or 5 trays

2 LOCKING SYSTEMS AVAILABLE

Mechanical or Air locking systems. Airlocks run in Modbus.

Benefits:

- Available with 2 or 5 trays
- 45° or 0° cobot mount
- Airlock or Mechlock locking system
- Easily movable with palletlifter
- Spacious controller compartment
- Perfect for machine tending automation



ProFeeder X

Higher production capacity.

Product Advantages:

FAST PRODUCTION

Delivered with 2,5 or 10 trays options. It is ideal 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.

EASY TO MOVE AROUND

Scale production and reduce cycle time at your factory floor. with a robust machine designed to handle multiple parts in several trays.

Benefits:

- Consists of 10 trays
- Designed for large volume production
- Bracket for robot teach pedant
- Scalable tray systems
- Placement for KTS boxes
- Very compact footprint dimensions



ProFeeder Flex

For easy and flexible maneuvering around the production line.

The new ProFeeder Flex is part of the PF family, and it comes with Heavy Duty wheels with integrated legs.

The ProFeeder Flex comes in three models:

- FlexBase without tables
- FlexOne with one table
- FlexThree with three tables

Pedestal placed centrally with in built cable guide.

Flexible mounting for the teach pendant, and free compartment for the controller.



Industries:

- Automotive
- Food and Beverages
- Metal machining
- Electronics
- Plastic and polymers
- Pharmaceutical

ProFeeder Compact

Compact footprint at your factory floor.

Product Advantages:

FAST AND EASY PRODUCTION

ProFeeder Compact, a complete console machine with up to 10 TRAYS for flexibility and speed on 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:

- Up to 10 trays
- Two locking systems
- Easily movable around production
- Optional mounted with GD wheels for easy transport
- Optional ER pedestal for Robot Arm and controller compartment



ProFeeder Compact XL

Capacious but compact robot-cell.

Product Advantages:

CAPACIOUS SOLUTION

Contains 5 big trays 780 x 620mm, that can be used with details with maximum height up to 160mm

2 LOCKING SYSTEMS AVAILABLE

Mechanical or Air locking systems. Airlocks run in Modbus.

SUITABLE FOR MASS PRODUCTION

The product is made for working with bigger series. production.

SPACIOUS BUT COMPACT

The sizes of the robot cell are H: 1165mm, W: 1220mm, L: 920mm.

Benefits:

- Consists of 5 trays 780 x 620mm
- Designed for bigger series production
- Compatible with 99% of modern cobots
- Maximum height of details up to 160mm
- Capacious but easily mobile
- Mutually compatible with other ER products



ProFeeder Compact Robot

Unique self-sufficient automation solution

ProFeeder Compact for mounting robot is a complete "All in one" automation solution. You don't need any robot pedestals to use it, because cobot has to be mounted on the top of the robot-cell.

Benefits:

- Very compact footprint
- High compatibility
- All in one solution
- Airlock or Mechlock system



Product advantages:

2 TRAY VERSIONS

The product can be equipped with 3 x 60kg trays for 120mm maximum parts height or 4 x 120kg trays for max. 80mm.

45° OR 0° COBOT MOUNT

The cobot can be mounted in two angles to make sure it has 100% access to all trays.

HIGH COMPATIBILITY

Compatible with all CNC machines, conveyor belts, and all other products from Easy-Robotics.

2 LOCKING SYSTEMS

The product is available with both Mechanical and Air tray locking systems.

EasyPedestal

Compact and handy robot pedestal

Product Advantages:

COMPACT SIZE

Save space at your factory floor by using the EasyPedestal – truly compact and budget friendly solution, suitable for automation in plenty of industries

STABILITY

Created from solid metal, for high stability and durability. We know it is crucial when working with machine-tending and other applications.

SMART DESIGN

EasyPedestal is carefully designed with a focus on flexibility, compact size and functionality, making sure it "Fits" any working station and is compatible with any production line



Benefits:

- Optional controller compartment
- Compact size and low price
- Support of different machine types
- Up to 3 tables (600x400mm) mounted

EasyDesk Tray

Universal solution with stainless steel tabletop

Robot workstation is equipped with re-attachable mount plate. The place of its attachment can be changed along the entire length of 3 working sides - that allows to choose the best position to ensure 100% reach over the whole tabletop.

Product advantages:

CUSTOMIZABLE TABLETOP PARTS-TRAY

You can choose standard 94x Ø0-70 parts-tray or customize it for your requirements.

GOOD INVESTMENT

The typical return on investment is less than 1 year.

UNIVERSAL SOLUTION

Increased capacity makes it the perfect solution for CNC machine tending. It's equipped with Universal 2 mm parts-tray with 94 spots.

INCREASED EFFICIENCY

Automated supply of the CNC machine ensures



EasyDesk Alu

Spacious robot-cell for large series productions

Product Advantages:

UNIVERSAL SOLUTION

Alu is a spacious robot cell, prepared for use in numerous applications in large series productions. It's a convenient solution suitable for any kind of productions

WIDE TABLETOP

The size of the tabletop is 1200x800mm. It is made of 40mm aluminum profile, which supports work with up to 300 kg and provides versatility of use.

Applications:

- Cutting
- Finishing
- Deburring
- Grinding
- Quality Control
- Polishing



EasyDesk Welding

High-quality welding table for all types of cobots.

Product Advantages:

HIGH QUALITY TABLETOP

The tabletop of EasyDesk Welding is made of a high quality plasma nitrided steel, which guarantees long and reliable work.

PERFECT SIZE FOR WELDING

Robot workstation is equipped with perforated, plasma nitrided steel plate X 8.7, 1200 x 800 x 12mm.

STEADY, BUT FLEXIBLE AND MOBILE

EasyDesk's trollers can be securely fixed to the floor

Benefits:

- Compatible with 99% of modern cobots
- Robot arm can be mounted on 3 sides
- The angle of cobot mount can be 45° or 0°



EasyWork

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Mobile cobot platform, made to maximise robot mobility

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

The EasyWork is developed with respect to secure robot arms and to its maximal mobility. The integrated rolls and handholds facilitate easily moving and deploying the EasyWork.

The EasyWork arrives fully mounted with trays, with an option to add a robot arm, control panel and can be moved without the use of a forklift or pallet truck.

Product advantages:

MULTIFUNCTIONAL HANDLE WORKS

T-pad holder, handle for transport and easy placement of extra rollers for storing in e.g. trunks of vehicles (Optional feature).

CORD WINDER AND FOOT PAD

Ensuring high safety in productions. No loose cords Easy tilting and moving of EasyWork.

SINGLE-PERSON HANDLING

EasyWork fits fully mounted with a UR or Doosan cobot in the boot of an SUV and can be loaded in and out easily.

INTERCHANGEABLE PARTS PLATE

Space saving feature, containing both hand processed parts. Serving as integrated parts container when moving cobot between processes.



EasyPalletizer

Universal platform designed for the purpose of making palletizing compact and mobile inside a factory.

The EasyPalletizer consists of a Europallet sized consoles consisting of compartment for: robot controller, cables, hosts and lifting module from SKF or pedestal. The EasyPalletizer is designed robust with 300 KG of total weight without robot and lifter mounted.

Each side of the EasyPalletizer consists of a docking system for pallets that measures the placement of the pallets.

Benefits:

- Fewer associated worker injuries
- Flexibility for manufacturing
- Safe movement of boxes
- Operation speed
- Capex optimized
- Load stability and precision
- Automatic pallet detection



EasyPalletizer Pro

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Innovative cobot palletizing and depalletizing system compatible with cobots up to 20 kg and EU, US, Australian pallets.

The Easy Palletizer Pro is a lightweight and portable cobot palletizer that was developed with the intention of simplifying and speeding up the process of palletizing inside a production plant.

Easy Palletizer Pro is fully compatible with 99% of modern collaborative robots, has an edition with lifting module, and is compatible with pallets used in the United States of America, Australia, and Europe.

Benefits:

- Ergonomic reach
- Adjustable pallet width
- Agile system for all pallets
- Easy access control panel
- Sliding out controller compartment
- 20 KG payload cobot support



Product advantages:

ERGONOMIC REACH

The controller and control buttons are conveniently located on the console at a height of 1.4 meters

MULTIPURPOSE LED LAMPS

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

AGILE PALLET SYSTEM

The EasyPalletizer Pro has an agile pallet system with adjustable pallet width and height. It is compatible with EU, US and Australian pallets.

20 KG COBOT SUPPORT

The EasyPalletizer Pro has retractable side legs for working with cobots with a payload of up to 20 kg pr. package