

ProFeeder Mover

Mobile part handling platform

One mobile system. Three configurable work surfaces.

A robust robot cell with a guided Mover cart for transporting blanks and finished parts between production areas. Designed for CNC machine tending, pick-and-place, assembly and flexible multi-machine automation.

WORK-SURFACE OPTIONS



TEARDROP

Published standard traytop



SQUARE

Part-specific grid pattern



ALUMINUM TOP

Fixture-ready profile surface

Compatible with 99% of modern cobots

Suitable for many compact industrial robots*

Pneumatic locking for repeatable docking



IMPORTANT - ORDER THE ROBOT ADAPTER PLATE

Select and order the adapter plate for the exact robot brand and model in the configurator at easyrobotics.biz. Unless explicitly included in the quotation, the adapter plate is a separate order item.

*Industrial-robot suitability is subject to payload, base moment, reach, mounting interface, anchoring, air supply and safeguarding verification.

Built for repeated production - not temporary setups

A powder-coated steel cell, protected controller space and positive pneumatic docking create a stable operating platform.



INTEGRATED CONTROLLER COMPARTMENT

1

Rigid steel structure

The stationary robot cell uses a heavy, powder-coated enclosure designed for long industrial service life.

2

Anchored operating base

Floor anchoring and leveling prevent movement during dynamic robot cycles.

3

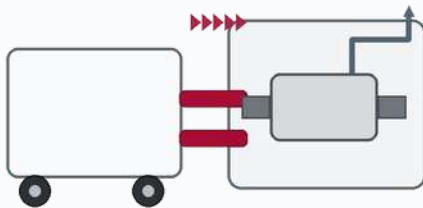
Positive Mover lock

A cylinder lock positions the cart consistently before automated handling begins.

4

Protected controller space

A 650 x 420 x 550 mm compartment keeps the controller accessible and organized.



PNEUMATIC DOCKING AND LOCKING

5

Clean robot interface

0 or 45 degree robot mounting, teach pendant bracket and controlled cable routing.

6

Mobile material flow

The Mover remains easy to roll when loaded, then docks in a repeatable working position.

SYSTEM ARCHITECTURE

01 Robot arm



02 Robot-specific adapter plate



03 Anchored ProFeeder base



04 Pneumatically locked Mover

Select both the exact robot adapter plate and the required work-surface configuration before ordering.

Stationary robot cell. Mobile material cart.

PF-1000-M combines a floor-anchored robot platform with one M-102 Mover for fast part exchange

ORDER NO. PF-1000-M



The robot, controller and interface remain on the stationary cell. The Mover transports parts to and from the work position and is secured by the pneumatic lock before the automated cycle starts.

1165 x 800 x 932

COMPLETE CELL / MM

205

COMPLETE CELL / KG

894 x 880 x 980

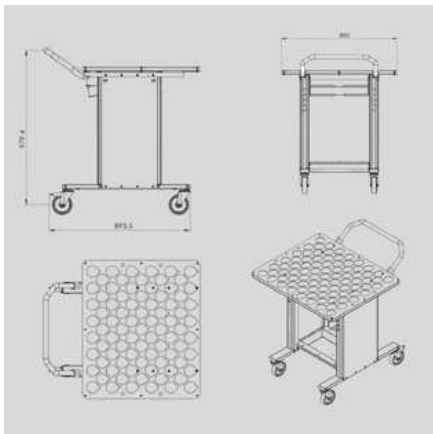
M-102MOVER / MM

75

M-102 MOVER / KG

PUBLISHED TECHNICAL DATA

Work area	880 x 750 mm
Robot mount	0 or 45 degrees
Controller compartment	650 x 420 x 550 mm
Air supply	Max. 8 bar dry air
Mover locking	Cylinder lock
Interface	Selector switch
Floor anchoring	Required for base cell



M-102 TECHNICAL DRAWING

REPEATABLE DOCKING

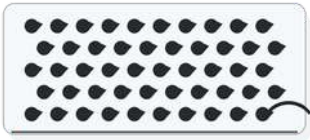
At the operating position, the pneumatic lock secures the Mover to the stationary base. This provides a defined part-presentation position and supports repeatable robot picking from cycle to cycle.

TYPICAL APPLICATIONS

- CNC machine tending
- Pick-and-place
- Assembly
- Inspection
- Flexible multi-machine production

Three work surfaces. One Mover platform.

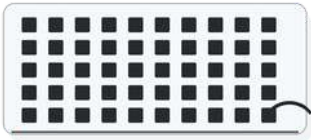
Choose the presentation surface that matches part geometry, changeover frequency and fixturing requirements.



Teardrop pattern

DT-1000-03

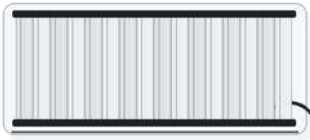
Published standard traytop supplied with PF-1000-M. Example capacity: up to 83 positions at 72 mm geometry.



Square pattern

CONFIGURATOR / QUOTE

Structured grid for square or rectangular blanks. Example capacity: up to 80 positions for 80 x 80 mm parts.



Aluminum-profile top

CONFIGURATOR / QUOTE

Reconfigurable surface for clamps, fixtures, gauges and custom process tooling. Final layout is project-specific.

CONFIGURATION COMPARISON		
Surface	Best suited to	Ordering
Teardrop	Round or irregular blanks; high part count	DT-1000-03 published
Square	Square/rectangular blanks; organized pitch	Reference confirmed in quote
Aluminum top	Fixtures, tooling and mixed production	Reference confirmed in quote

Capacities are examples. Actual count depends on part dimensions, spacing, gripper clearance and the approved top design.

99% of cobots. Many industrial robots.

A flexible robot interface - with engineering validation for the selected arm.

99%

OF MODERN COBOTS

Published EasyRobotics compatibility claim.

Standard cobot compatibility

The platform supports the broad majority of modern collaborative robots. Select the exact robot brand and model in the website configurator.

Industrial robot integration

Many compact industrial robots can be used when mass, base moment, reach, mounting pattern, dynamics, anchoring and safeguarding are verified.

Custom interface available

If no standard adapter fits, EasyRobotics can engineer a project-specific adapter plate or mounting solution.

CONFIGURATION WORKFLOW

01

Select robot

02

Check payload and reach

03

Choose 0 or 45 degree
mount

04

Select work surface

05

Order adapter plate

DO NOT OMIT THE ADAPTER PLATE

The cell cannot be commissioned correctly without the adapter plate for the exact robot. Order it separately in the EasyRobotics website configurator unless it is listed as included.

Configure the system around the process

Published standard equipment, selectable top systems and project-specific additions.

Standard equipment

1

Stationary robot cell
Powder-coated base with controller compartment.

2

M-102 Mover
One mobile cart supplied with PF-1000-M.

3

Pneumatic lock
Cylinder locking at the working position.

4

Teach pendant bracket
Adjustable operator interface holder.

Published options

1

Square-pattern top
Part-specific square grid and pitch.

2

Aluminum-profile top
Fixture-ready modular surface.

3

Wheels / floor dock
Relocation and defined positioning options.

4

Safety scanner cover
Protected mounting for a safety scanner.

Engineered options

1

Robot adapter plate
Brand- and model-specific interface.

2

Custom part top
Tailored cut-outs, pitch and capacity.

3

Additional Mover cart
Extra cart for staged changeover.

4

Industrial robot integration
Engineered mounting and safeguarding.

Feature	Teardrop	Square	Aluminum top
Presentation	Fixed pattern	Fixed grid	Modular fixtures
Example capacity	83 at 72 mm	80 at 80 x 80 mm	Project-specific
Changeover	Swap traytop	Swap traytop	Reconfigure fixtures
Public order reference	DT-1000-03	Quote / configurator	Quote / configurator

Option availability, load limits and final order references must be confirmed in the current quotation and approved drawing.

Anchor the base. Lock the Mover. Validate the cell.

The complete robot cell must be installed by trained personnel and released through a full risk assessment.

1 Position and level

Place the stationary cell on a suitable floor and level it before robot installation.

2 Anchor the base securely

Use floor-suitable anchors. The stationary base cell is floor-anchored for production operation.

3 Connect dry air

Provide up to 8 bar dry air and verify the pneumatic line and cylinder lock.

4 Install controller and cables

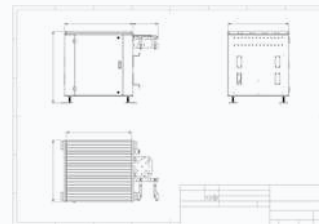
Place the controller in the compartment and ensure no cable is pinched or exposed to moving parts.

5 Mount adapter plate and robot

Follow the robot manual and tighten all fasteners to the specified torque.

6 Commission docking and safety

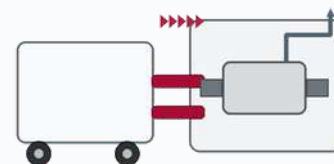
Test the lock, selector switch, top clearance, robot motion, safeguarding and complete-cell function.



FLOOR ANCHORING



CONTROLLER ACCESS



PNEUMATIC DOCKING

ROUTINE CHECKS

Inspect anchors, docking lock, Mover wheels, top fixtures, robot fasteners, cables and air lines at suitable service intervals.

INTEGRATOR RESPONSIBILITY

The installer and system integrator are responsible for the final risk assessment, safeguarding, applicable conformity procedures and safe operation of the complete robot cell.

Ordering overview

Published product references - plus the required robot-specific adapter plate and selected Mover top.

Order no.	Item	Configuration / ordering note
PF-1000-M	ProFeeder with Mover	Published overview: 1165 x 800 x 932 mm (L x W x H) 205 kg robot base controller compartment one Mover pneumatic lock DT-1000-03 standard top.
M-102	Standalone Mover cart	Published factsheet: 894 x 880 x 980 mm (L x W x H) 75 kg 880 x 750 mm work area mobile parts cart.
DT-1000-03	Teardrop traytop	Published standard traytop included with PF-1000-M; example 83 positions at 72 mm geometry.
Configurator / quote	Square-pattern top	Example 80 positions for 80 x 80 mm parts; pitch, capacity and current order reference confirmed in quotation.
Configurator / quote	Aluminum-profile top	Fixture-ready top; profile layout, load case and current order reference confirmed in quotation.
Configurator item	Robot adapter plate	Mandatory selection for the exact robot brand and model unless explicitly included in the quotation.
Quote / configurator	Options and custom work	Wheels, floor dock, safety scanner cover, additional Mover, custom top and industrial-robot integration.

REMEMBER THE ROBOT ADAPTER PLATE

Select and order the adapter plate for the exact robot in the EasyRobotics website configurator. When no standard interface fits, request a customized plate.



OPEN PRODUCT WEBSITE / CONFIGURATOR

EasyRobotics ApS

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Specifications, illustrations, dimensions, capacities, order references and availability may be changed without notice. Errors and omissions excepted. Robot compatibility and option availability must be verified for the specific project. The quotation, approved drawings and order confirmation take precedence.