EasyDesk Series

EasyDesk Alu and EasyDesk Tray

Two work surfaces. One robust industrial platform.

Astable, floor-anchoredrobot workstation formachine tending, assembly,finishing, inspection andflexible production. Choose the aluminum-profile tabletop for fixtures and tooling, or the stainless-steel parts tray for structured part presentation.

EASYDESK ALU

40mm aluminum-profile tabletop | up to 300 kg

EASYDESK TRAY

Stainless-steel tray | teardrop or square pattern

Compatible with 99% of modern cobots

Suitable for many compact industrial robots*

Optional enclosure EDE-2003 available

!

IMPORTANT - ORDER THE ROBOT ADAPTER PLATE

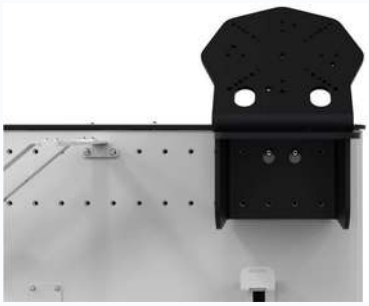
Select the adapter plate for the exact robot brand and model in the configurator at easyrobotics.biz. The robot-specific plate is a separate order item unless explicitly stated in the quotation.

**Industrial-robot suitability is subject to payload, moment, reach and interface verification.*

Built for production, not presentation

A heavy, serviceable workstation designed around stable robot mounting and clean integration.

PULL-OUT CONTROLLER COMPARTMENT



REPOSITIONABLE ROBOT CONSOLE

1 Solid steel structure

The workstation body is manufactured from robust steel construction for long- term industrial use.

2 High static mass

305 kg for Alu and 330 kg for Tray provide a stable foundation for repeatable robot motion.

3 Floor anchoring required

The workstation must be aligned, leveled and securely anchored before robot operation.

4 Protected controller space

A 700 x 500 x 650 mm compartment keeps the controller accessible and organized.

5 Controlled cable routing

Drawer, energy chain and cable openings reduce loose cables and protect connections.

6 Flexible robot position

The console can be used at 0 or 45 degrees and repositioned along three working sides.

ROBOT INTERFACE ARCHITECTURE

01 Robot arm › 02 Robot-specific adapter plate › 03 EasyDesk mounting console › 04 Anchored workstation

The adapter plate must match the exact robot bolt pattern. Use the website configurator or request a customized plate.

EasyDesk Alu

Aversatile fixture and tooling platform for demanding production tasks.

ORDER NO. ED-1001-A

The 40 mm aluminum-profile tabletop provides a rigid, reconfigurable surface for clamping equipment, fixtures and production components. The wide working area supports applications that require both capacity and frequent layout changes.

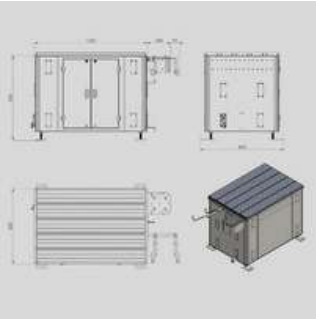
1550 x 890 x 932	OVERALL SIZE / MM
305	PRODUCT WEIGHT / KG
1200 x 800	NOMINAL TABLETOP / MM
300	TABLETOP LOAD / KG

Technical configuration

Work area	1148 x 800 mm
Tabletop	40 mm aluminum profile
Robot mount	0 or 45 degrees
Teach pendant bracket	Included
Controller compartment	700 x 500 x 650 mm
Floor anchoring	Required
Air supply	Not required

ROBUST AND RECONFIGURABLE

The aluminum profiles accept a wide range of clamps, stops and custom fixtures. The base remains heavy and floor-secured while the working layout can be changed for new products or processes.



Typical applications

- CNC machine tending
- Assembly
- Cutting
- Finishing and polishing
- Deburring and grinding
- Quality control

EasyDesk Tray

Structured partp resentation for machinetending and repetitive handling.

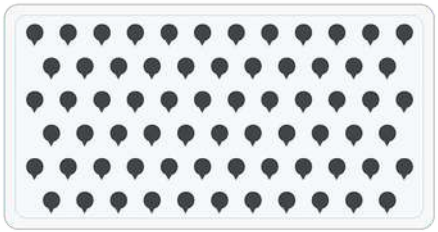
ORDER NO. ED-1000-T

A stainless-steel tray turns the complete work surface into an organized part buffer. EasyDesk Tray is available with teardrop or square pattern and can be customized for the part geometry and required capacity.

1550 x 890 x 902 OVERALL SIZE / MM	**330** PRODUCT WEIGHT / KG
1190 x 790 WORK AREA / MM	**2** TRAY MATERIAL THICKNESS / MM

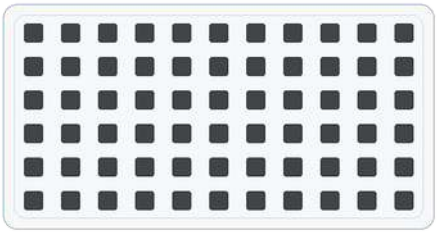
Technical configuration

Tabletop	Stainless-steel parts tray
Robot mount	0 or 45 degrees
Teach pendant bracket	Included
Controller compartment	700 x 500 x 650 mm
Floor anchoring	Required
Air supply	Not required
Customization	Pattern, pitch and part geometry



TEARDROP PATTERN

Published EasyDesk insert reference DT-1000-04. Current factsheet example: 72 mm teardrop geometry with 105 positions.



SQUARE PATTERN

Published EasyDesk insert reference DT-1000-14. Pitch, position count and current availability must be confirmed in the configurator or quotation.

Position capacity depends on the selected pattern, pitch and part dimensions. Final tray drawing governs.

99% of cobots. Many industrial robots.

One workstation platform - with a verified interface for the selected robot.

99%

OF MODERN COBOTS

EasyDesk supports leading cobot brands and many compact industrial robots. Suitability is determined by the robot base pattern, payload, dynamic moment, reach envelope, mounting orientation and the complete application.

Standard compatibility

Robot-specific adapter plates are available for a broad range of collaborative robots. Select the exact brand and model in the website configurator.

Industrial robot integration

Many compact industrial robots can be integrated after engineering review. Guarding, safety functions, controller location and dynamic loads must be validated for the complete cell.

Does not fit? Customize it.

EasyRobotics can engineer a custom adapter plate, console interface or tabletop solution when the standard configuration does not match the robot or process.

CONFIGURATION WORKFLOW

01	02	03	04	05
Select Alu or Tray	Choose robot brand and model	Add the correct adapter plate	Verify reach, payload and moment	Confirm quotation and cell safety

DO NOT OMIT THE ADAPTER PLATE

The robot-specific adapter plate is essential for correct bolt pattern, alignment and load transfer. Order it together with the workstation.

Configure the workstation around the process

Common platform features, published options and engineered additions.

Standard platform features

1. **Teach pendant bracket**
   Adjustable for different brands and operator positions.
2. **Controller compartment**
   Pull-out mounting tray and internal cable management.
3. **Robot console**
   0 or 45 degree mounting and repositioning on three sides.
4. **Leveling and anchoring**
   Adjustable feet and dedicated floor anchoring points.

Published options

1. **Wheels**
   For controlled relocation before the workstation is secured for operation.
2. **Floor dock**
   Defined positioning for repeatable redeployment.
3. **Safety scanner cover**
   Mechanical protection for a project-specific scanner installation.
4. **Tray pattern selection**
   Teardrop or square pattern for EasyDesk Tray.

Engineered & enclosure options

1. **Robot adapter plate**
   Standard or custom interface for the selected robot model.
2. **Custom parts tray**
   Pattern, pitch, cut-outs and part-specific geometry.
3. **Custom mounting position**
   Application-specific console, reach or orientation review.
4. **EasyDesk Enclosure**
   EDE-2003 rigid full-view housing for Alu or Tray; project-specific safeguards as required.

Feature	EasyDesk Alu	EasyDesk Tray
Tabletop	40 mm aluminum profile	Stainless-steel parts tray
Product weight	305 kg	330 kg
Mount angle	0 or 45 deg	0 or 45 deg
Floor anchoring	Required	Required
Compressed air	Not required	Not required

Option item numbers and availability are confirmed in the configurator or commercial quotation.

EasyDesk Enclosure - Compact Enclosed Robot Cell

Orderno.EDE-2003|Compactenclosedrobotautomationbuilton the proven EasyDesk platform.

FULL-VIEW ENCLOSED WORKSPACE

1 Rigid upper housing

Adds a robust enclosed workspace while retaining the EasyDesk base and controller architecture.

2 Alu or Tray

Available with the reconfigurable Alu surface or the structured EasyDesk Tray.

3 Large viewing panels

Transparent front and side panels keep the robot, tooling and parts clearly visible.

4 Wide hinged door

Full-size access supports loading, setup, fixture changes, cleaning and service.

5 Integrated controls

Controller drawer, guided cable routing and the adjustable teach-pendant bracket remain accessible.

6 Stable installation

Adjustable feet and floor anchoring support repeatable operation; final height is project-specific.

ENCLOSED CELL ARCHITECTURE

01 Alu or Tray base › 02 Robot adapter plate › 03 Robot + tooling › 04 EDE-2003 enclosure

Retains the 1,200 x 890 mm EasyDesk base, approx. 900 mm working height and 840 x 1,060 mm floor-fixing pattern. The enclosure is a mechanical cell component; final height, interlocks, extraction and safeguards are project-specific.

Install for stability. Maintain for repeatability.

The workstation is a component of a complete robot cell and must be installed by trained personnel.

1 Position and level

Place the workstation on a suitable floor. Adjust the feet until the frame is level and does not rock.

2 Anchor securely

Use floor-suitable anchor bolts. EasyDesk must be anchored during robot operation.

3 Install controller and cables

Use the pull-out drawer and energy chain. Keep cables free from pinch points and moving parts.

4 Mount adapter plate and robot

Follow the robot manual, use the correct adapter plate and tighten all fasteners to specification.

5 Set mounting orientation

Configure the robot software for the actual 0 or 45 degree mounting orientation.

6 Validate the complete cell

Perform risk assessment, safeguarding validation and required conformity procedures after integration.

LEVEL AND STABILIZE

CONTROLLER ACCESS

ROBOT CONSOLE

ROUTINE CHECKS

Inspectflooranchors,levelingfeet, robot and adapter fasteners, controller drawer, teach-pendant bracket and cable routing. Revalidate the cell after mechanical changes or relocation.

INTEGRATOR RESPONSIBILITY

This brochure and the product manual do not constitute CE marking or safety validation of the complete robot cell. Local regulations and the robot manufacturer instructions must be followed.

Ordering overview

Published workstation, enclosure and tray references-plus the required robot-specific adapter plate.

Order no.	Item	Configuration / ordering note
ED-1001-A	EasyDesk Alu	1550 x 890 x 932 mm (L x W x H) | 305 kg | 40 mm aluminum-profile tabletop | controller compartment
ED-1000-T	EasyDesk Tray	1550 x 890 x 902 mm (L x W x H) | 330 kg | stainless-steel tray | published overview states DT-1000-04 included
EDE-2003	EasyDesk Enclosure	Rigid upper housing for EasyDesk Alu or Tray; final height, door interlocks and safety concept confirmed in project documentation
DT-1000-04	Teardrop tray insert	Published reference for EasyDesk teardrop pattern; 72 mm / 105-position example
DT-1000-14	Square tray insert	Published reference for EasyDesk square pattern; confirm current pitch, capacity and availability
Configurator item no.	Robot-specific adapter plate	Mandatory separate item for the selected robot unless explicitly included in the quotation
Quote / configurator	Wheels, floor dock, scanner cover, custom items	Item number and suitability confirmed for the project configuration

REMEMBER THE ADAPTER PLATE

Select and order the adapter plate for your robot in the configurator at easyrobotics.biz. When no standard interface fits, request a customized solution.

PRODUCT INFORMATION & CONFIGURATION

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Technical data are based on the documents available at the time of publication. EasyRobotics reserves the right to correct errors and omissions and to change design, specifications, item numbers and availability without notice. The order confirmation governs. The complete robot cell must be risk-assessed and validated by the integrator or end user.