

EASYPEDestal USER MANUAL



EasyRobotics®
- we move your parts

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1 Introduction/intended use

The EasyPedestal is designed for easy feeding of CNC machines and other workplaces and machines. It's compatible with cobot from UR, Hanwha, Kassow and Doosan

2 Safety notice

2.1 Introduction

The intension of this manual is to give a guideline of mounting a cobot on the EasyPedestal and this is not valid as a CE marking of the robot cell.

A risk assessment must be full filled after the full installation is concluded. Including the robot, gripper and other equipment and installations at the workspace.

The EasyPedestal must be bolted to the floor when performing working operation. The local governmental safety rules and legislation must be followed when installing and running with a robot on the EasyPedestal.

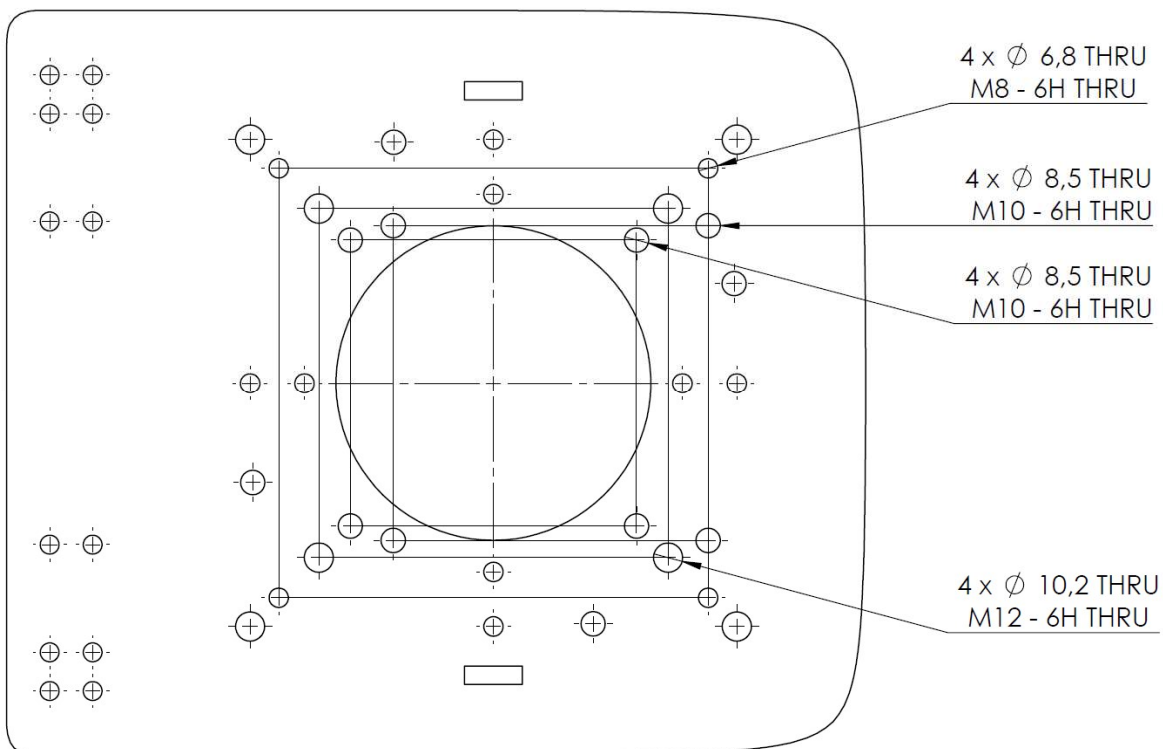
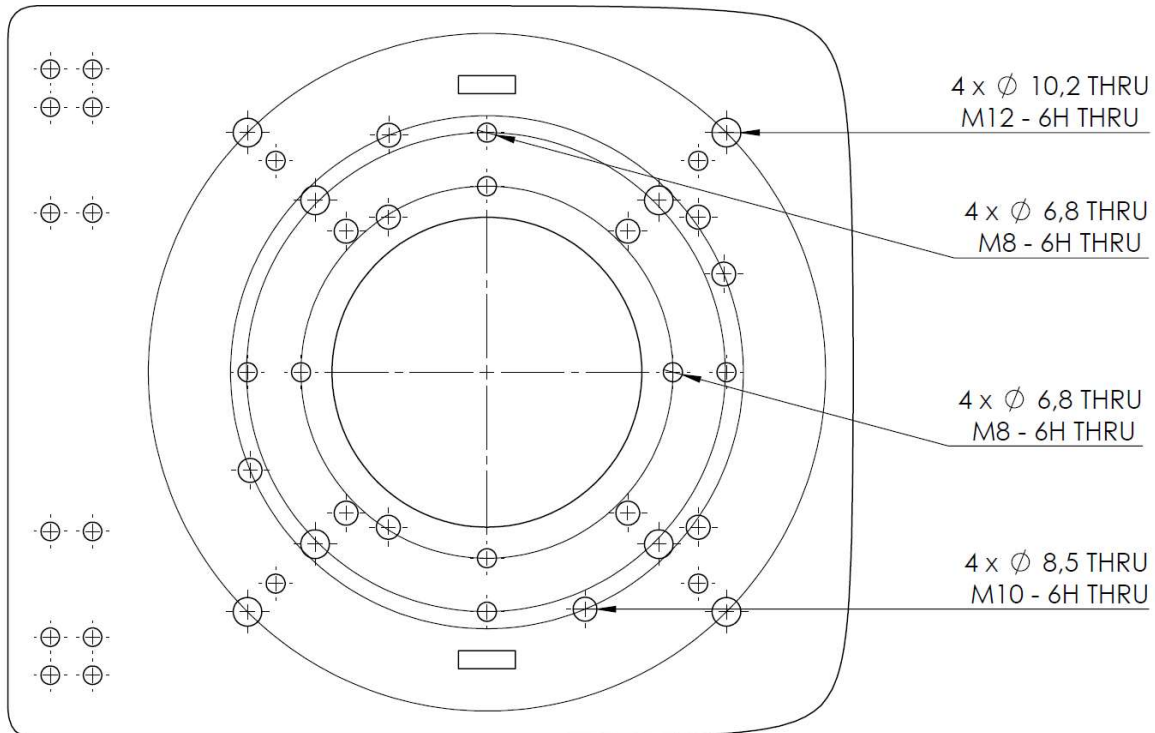
3 Installation

3.1 Mounting the robot

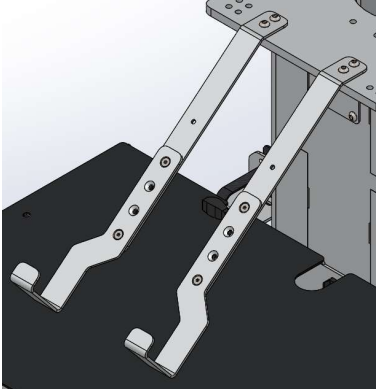
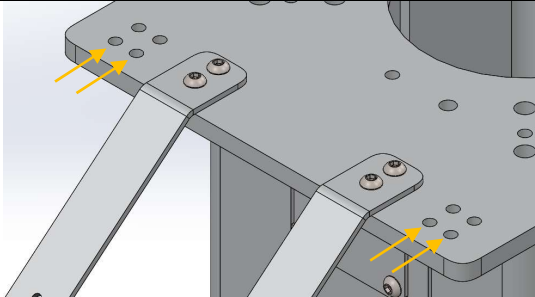
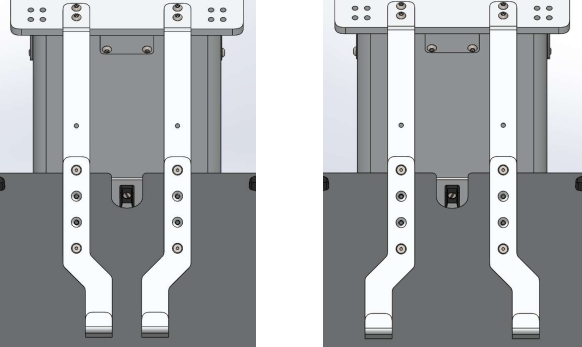
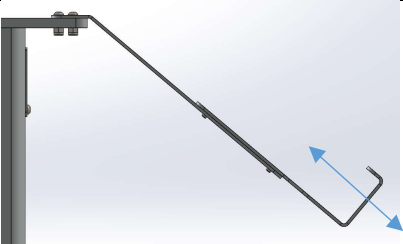
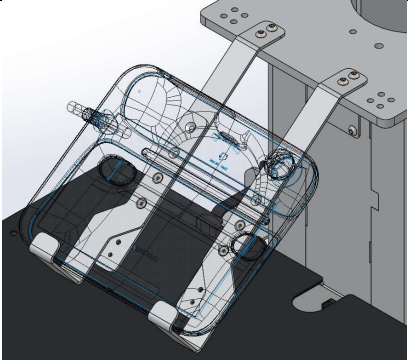


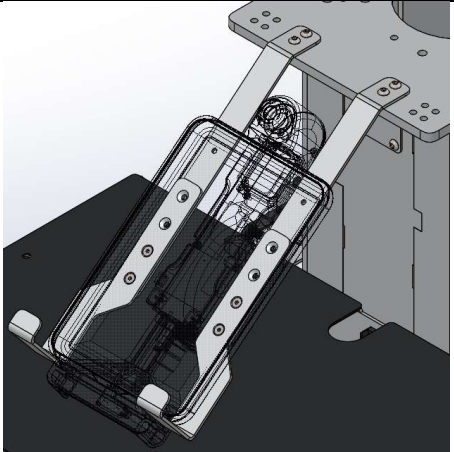
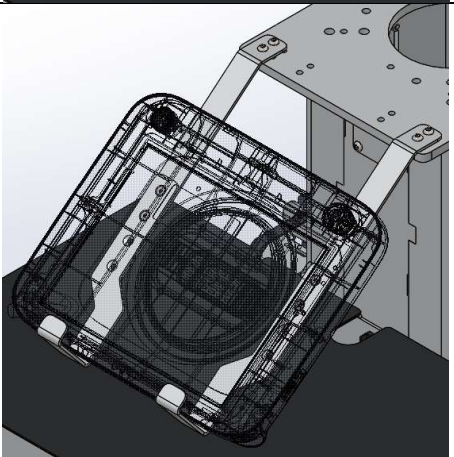
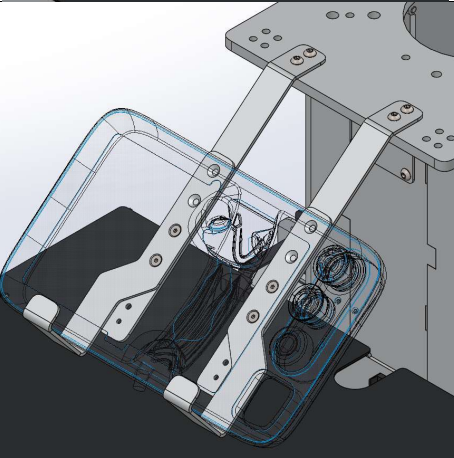
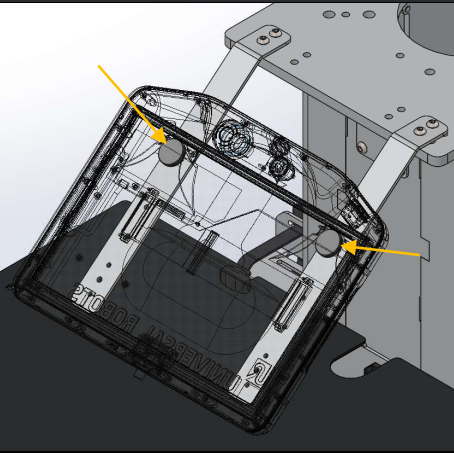
Follow the mounting guidelines from the respective manuals.

Locate and mount the robot according to the bolt pattern on the respective robot.



3.2 Teach Pendant Holder

<p>How to configure the teach pendant holder brackets</p>	
<p>There are 3 optional distances between the base brackets</p>	
<p>There are 2 ways of fitting the supporting brackets</p>	
<p>The supporting brackets are height adjustable. Detach and reattach in the wanted height.</p>	
<p>Examples of how to configure as per brand.</p>	
<p>Doosan. Possibly use the elastic band around the brackets to prevent the teach pendant from sliding.</p>	

<p>Fanuc</p>			
<p>Hanwha</p>			
<p>Kassow</p>			
<p>Universal Robot.</p> <p>Relocate the knobs from the controller and skip the supporting brackets.</p>			

The cable of the teach pendant can be fitted through the shown slot by detaching and reattaching the cabinet.



Make sure that the robot will not collide with the teach pendant.

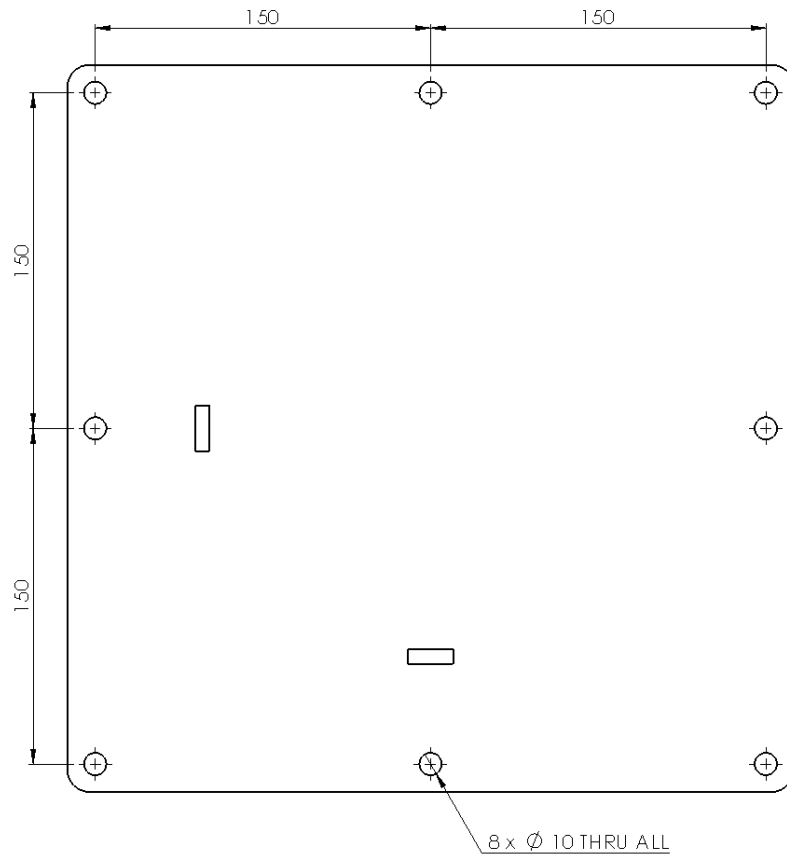
3.3 Mount tables

Use 4x M8x16 bolt to fix each table.



3.4 Anchoring

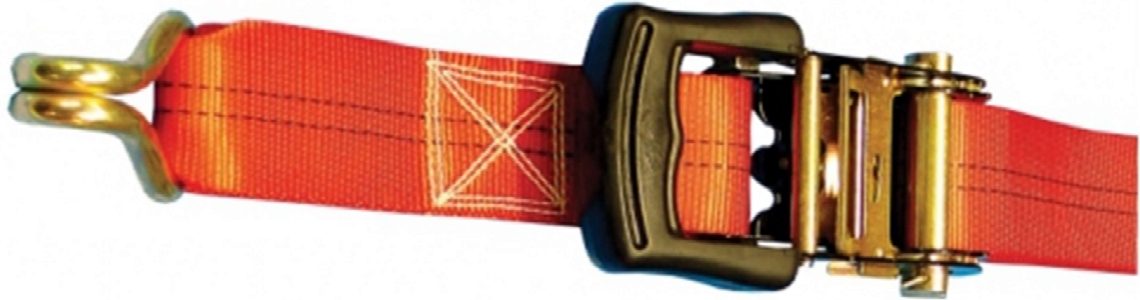
Drilling template for M8 Expansion bolts:



4 Transport

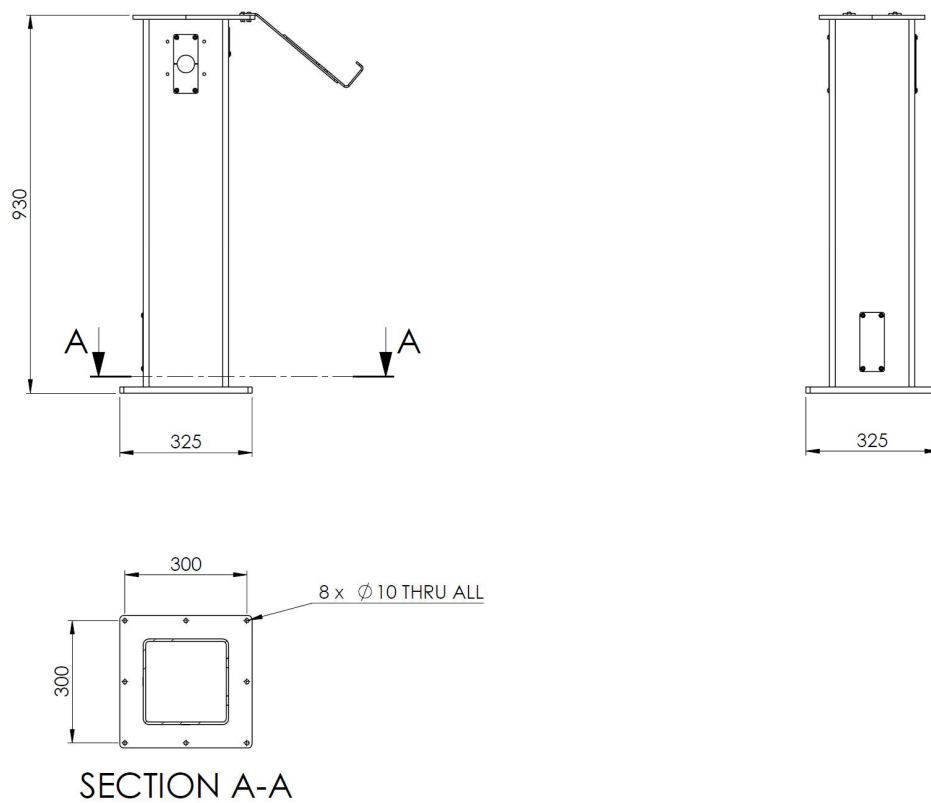
4.1 Lashing for transport

When transporting the EasyPedestal, make sure to tie it securely to the truck. Use heavy duty transport straps. Weight without robot more than 70 kg.

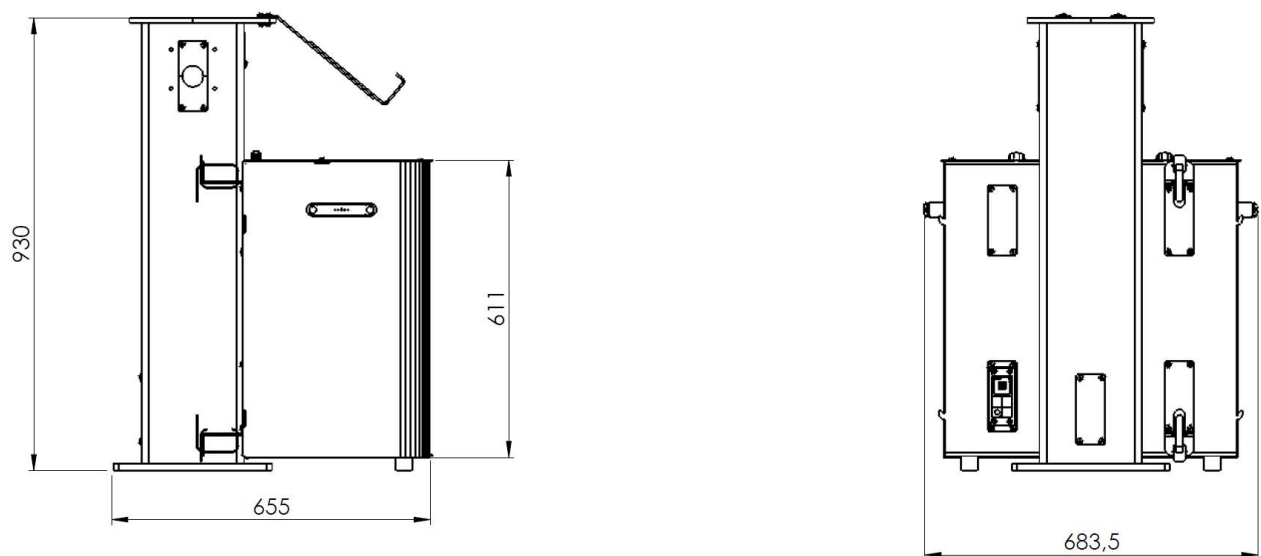


5 Dimensions

Base:



Pro:



Weight: 70 kg. without robot.

6 Declaration of incorporation of partly completed machinery (CE)

According to the EU Machinery Directive 2006/42/EC, Annex II 1. B for partly completed machinery

Manufacturer:

EasyRobotics ApS
Mommarmvej 5
DK - 6400 Sønderborg

Person established in the Community authorized to compile the relevant technical documentation:

Per Lachenmeier
EasyRobotics ApS
Mommarmvej 5
DK - 6400 Sønderborg

Description and identification of the partly completed machinery

Product / Article	EasyPedestal Basic and EasyPedestal Pro
Type	
Project number	0064-00002 and 0064-00003
Commercial name	EasyPedestal Basic and EasyPedestal Pro

It is declared that the following essential requirements of the Machinery Directive 2006/42/EC have been fulfilled:

1.2.4.3, 1.3.1, 1.3.2, 1.3.7, 1.5.3, 1.6.3, 1.7.3, 1.7.4

It is also declared that the relevant technical documentation has been compiled in accordance with part B of Annex VII.

Reference to the harmonized standards used, as referred to in Article 7 (2):

EN ISO 12100:2010-11	Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100:2010)
DS/EN ISO 14118:2018	Safety of machinery - Prevention of unexpected start-up

The manufacturer or his authorized representative undertake to transmit, in response to a reasoned request by the national authorities, relevant information on the partly completed machinery. This transmission takes place

This does not affect the intellectual property rights!

Important note! The partly completed machinery must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of this Directive, where appropriate.

Sønderborg, 14/10/2020
Place, Date

Signature
Per Lachenmeier
CEO