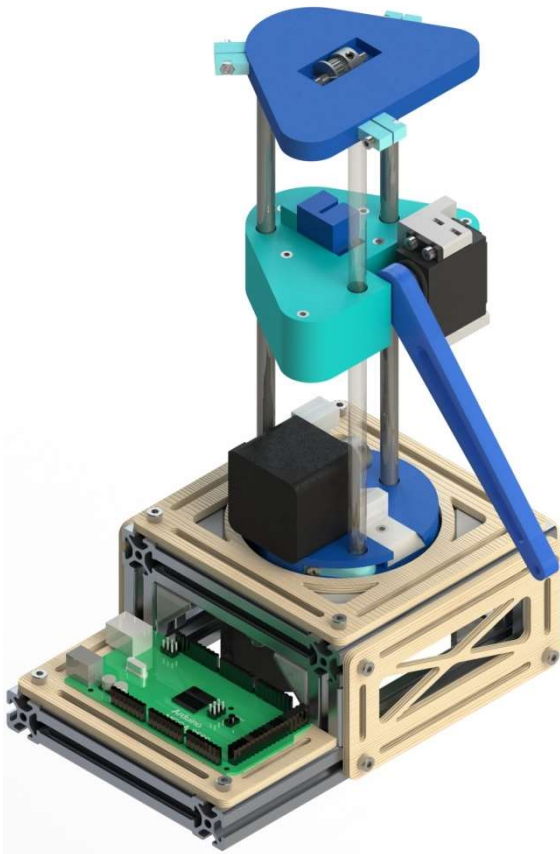


# RPR-Bot



The RPR-Bot is a miniature robot for flexible and efficient production on a compact footprint. It is versatile, weighs only 2.2 kg and has a handling capacity of up to 100 g using an electro-magnet as an end effector, with a horizontal reach of 175 mm.

The end effector sits on a rotary axis, which is moved by a linear axis vertically up to 115 mm, which can also be rotated up to 360°. Due to the arrangement of the axis, the RPR-Bot is ideal for easy pick-and-place applications with minimal space.

## Specifications

Nr. of Axis		3 (RPR)
Range	horizontal	175 mm
	vertical	115 mm
Handling Capacity		100 g
Mounting		Floor
Position repeatability		2 mm

## Movement Workspace Max. Speed

Movement	Workspace	Max. Speed
Axis R1	+180° to -180°	50 °/s
Axis P	0 to 115 mm	20 mm/s
Axis R2	+70° to -90°	45 °/s

## Measurements / Weight

Footprint	210x148 mm
Height	317 mm
Weight	2,2 kg

## Connections

Mains Voltage	200-600 V, 50/60 Hz
Communication	USB 2.0
Digital In-/Output	10
Analog In-/Output	2

## Operating Conditions

Ambient Temperature	+5°C bis +45°C
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## Workspace

