



**Robotic Solution**

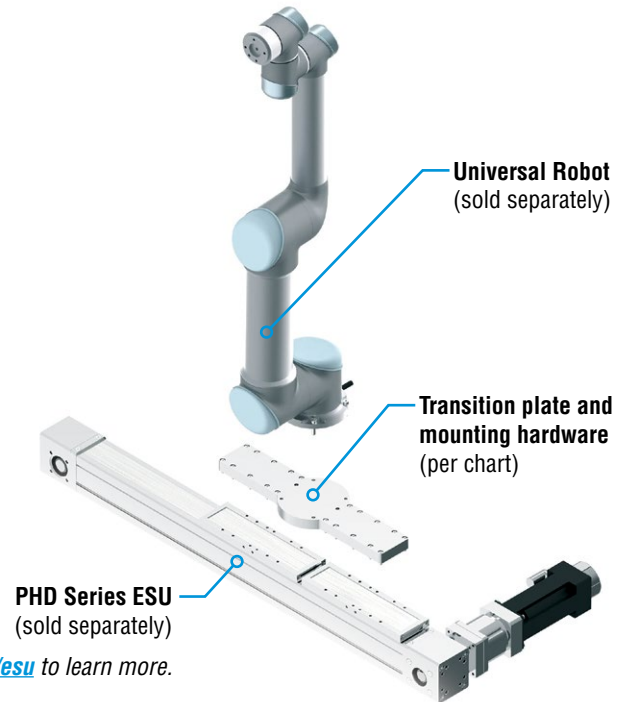
# Modular 7th Axis Linear Actuator

Exclusively for  Universal Robots

## BENEFITS

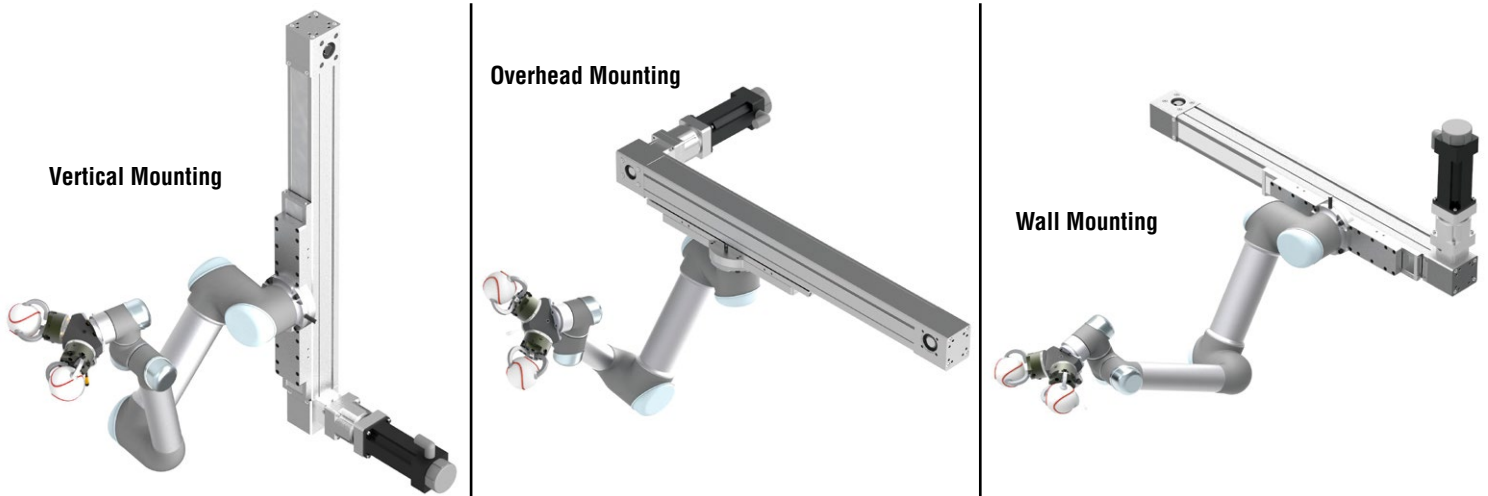
- Transition plates and hardware available for direct mounting between electric linear actuator and robot.
- Torque limiting features on servo-driven linear actuator can provide faults in case of collisions.\*
- With a maximum stroke of 5,500 mm, the 7th axis linear actuator can multiply working area of the robot tenfold.

UNIVERSAL ROBOTS	UR3	UR5	UR10	UR16
MAXIMUM PAYLOAD	3 kg	5 kg	10 kg	16 kg
REACH	500 mm	850 mm	1300 mm	900 mm
WEIGHT	11 kg	18.4 kg	28.9 kg	33.1 kg
RECOMMENDED 7th AXIS**	ESUS55	ESUD56	ESUD58	ESUD58
TRANSITION PLATE	ML317526	ML317527	ML317528	ML317528
PLATE WEIGHT	0.94 kg	3.08 kg	4.87 kg	4.87 kg



Visit [phdinc.com/esu](http://phdinc.com/esu) to learn more.

*The robust design of the Series ESU Electric Belt-Driven Linear Actuator provides a superior guide system to support the robot in various orientations.*



\*Series ESU Electric Linear Actuators are not collaborative rated from PHD. Customer assumes the responsibility of risk assessment.

\*\*Recommended linear actuator selected for maximum payload and reach of robot. Contact PHD Applications Engineering for other combinations.

© Copyright 2020, by PHD, Inc. All Rights Reserved. Printed in the U.S.A.

**CPURBASESLIDEC**



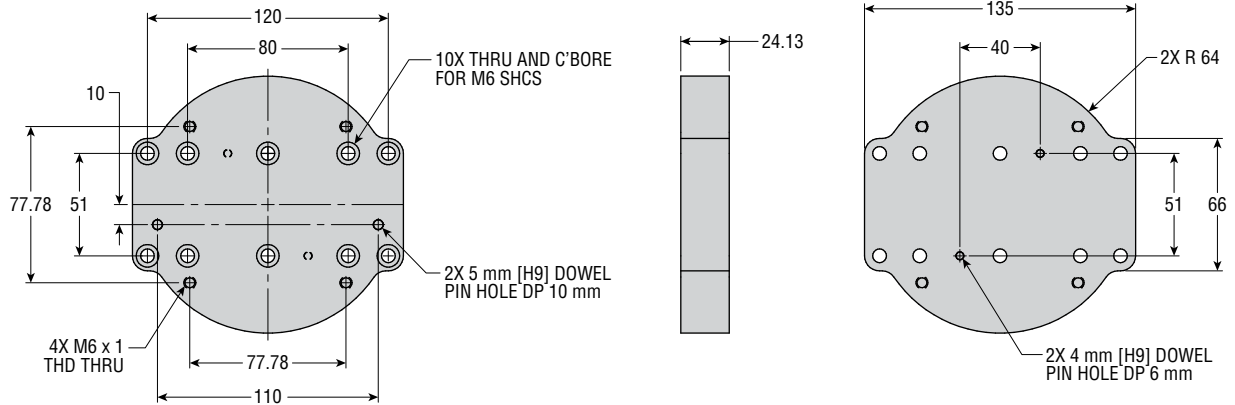
PHD is a member of the  
MAC Distributor Network



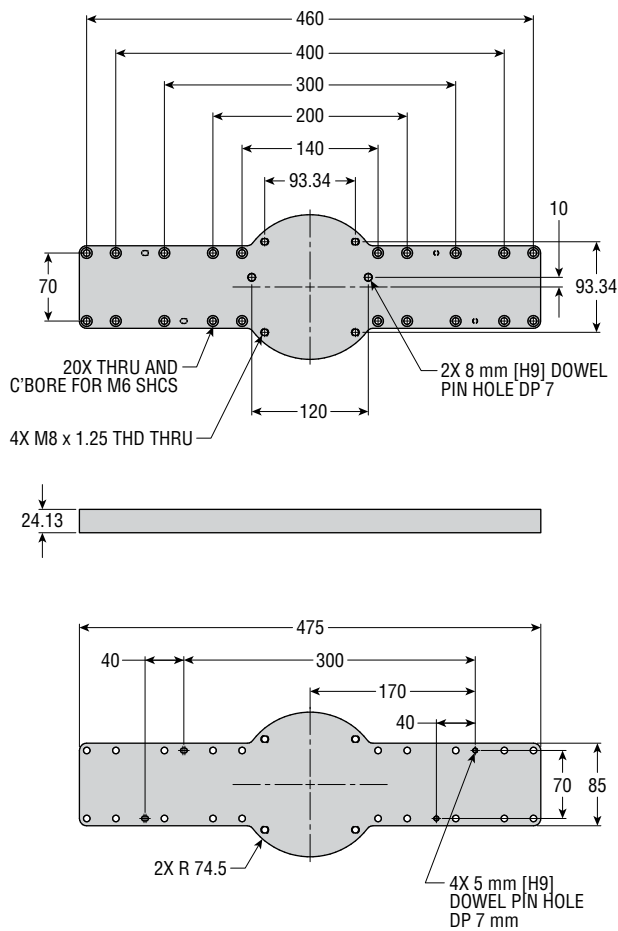
[www.phdinc.com](http://www.phdinc.com)

# DIMENSIONS: TRANSITION PLATES

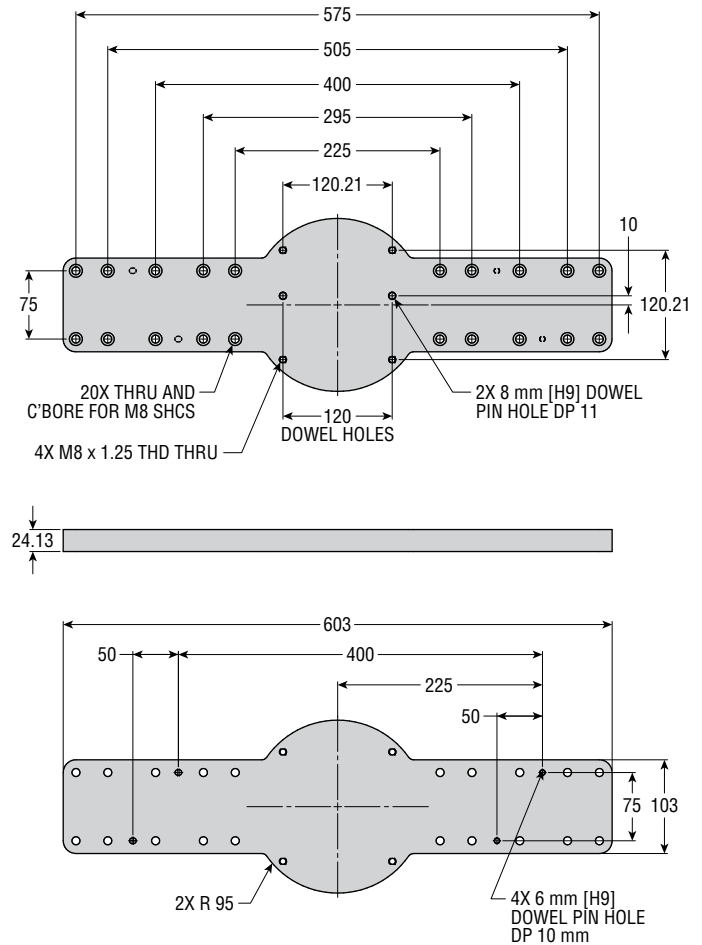
## ML317526 (Single Saddle)



## ML317527 (Dual Saddle)



## ML317528 (Dual Saddle)



All dimensions are reference only unless specifically tolerated.