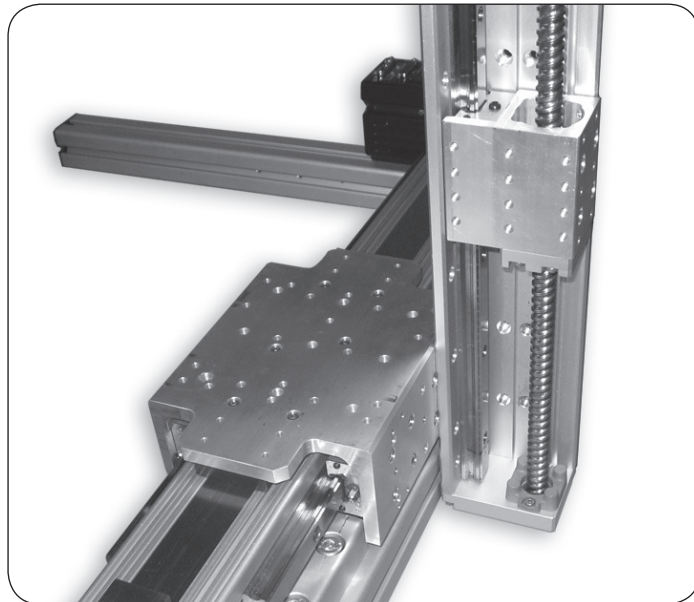


# Multi-Axis Configurations

OVERVIEW

## HLD60 Twin Rails with L70 2 Axis System

The configuration shown in the picture to the right includes 1 HLD actuator with twin external rails and 1 L70 actuator. This is a close up of the mounting plate which is available. Mounting plates are also available for mounting a XL100 to an HLD actuator.



MOTOR SPECIFICATIONS

LINEAR SYSTEMS

CONNECTIVITY

PERIPHERALS

IP 65 MODELS & CONNECTIVITY

POWER SUPPLIES & SHUNTS

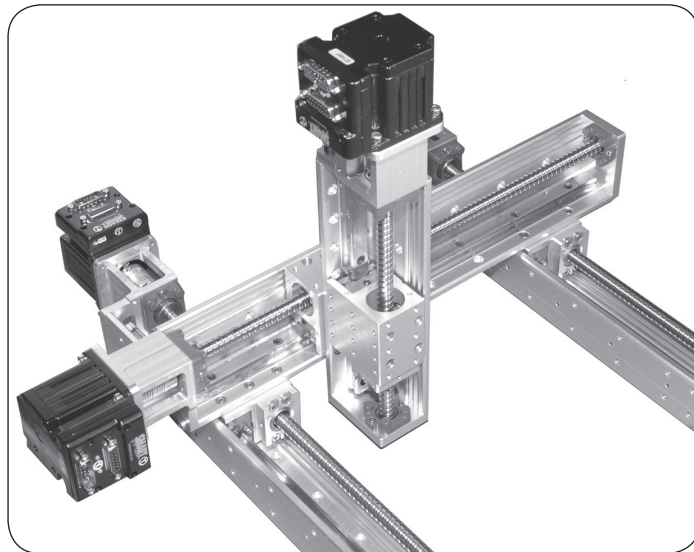
GEAR HEADS

SOFTWARE

APPENDIX

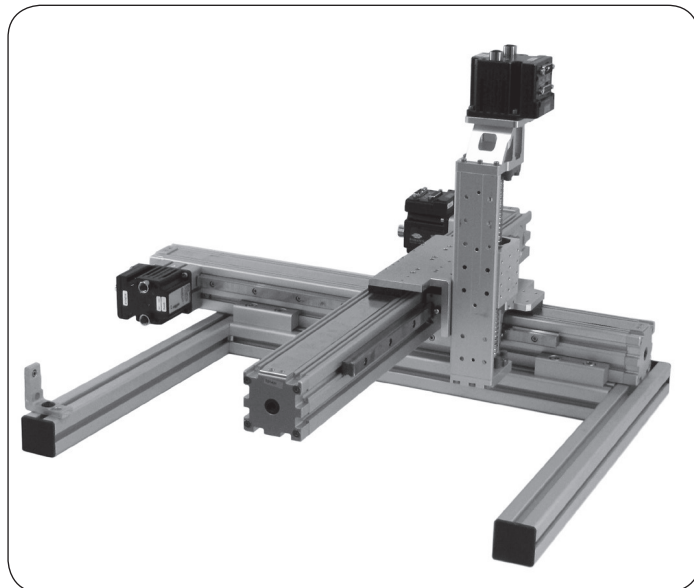
## L70 Series 3 Axis X-Y-Z

The configuration shown in the picture to the right includes 4 L70 ball screw actuators. No mounting brackets are needed when mounting an L70 actuator to itself. SmartMotors™ have a mode follow option which will allow a Master and Slave axis.



## HLD60 with L70 3 Axis System

The configuration shown in the picture to the right includes 2 HLD actuators – 1 with a single external rail and 1 HLD actuator with twin external rails. Toe clamps are available for mounting the HLD actuators together. In this picture, there are 2 different sizes of toe clamps used.

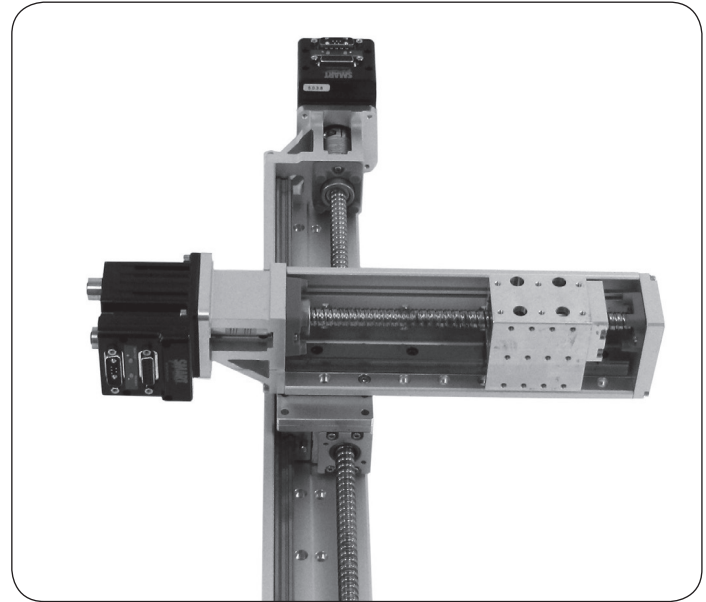


**Note: We highly recommend all stand-alone multi-axis systems be ordered with Combitronic CAN interface option via -C or -DN part number add-in**

# Multi-Axis Configurations

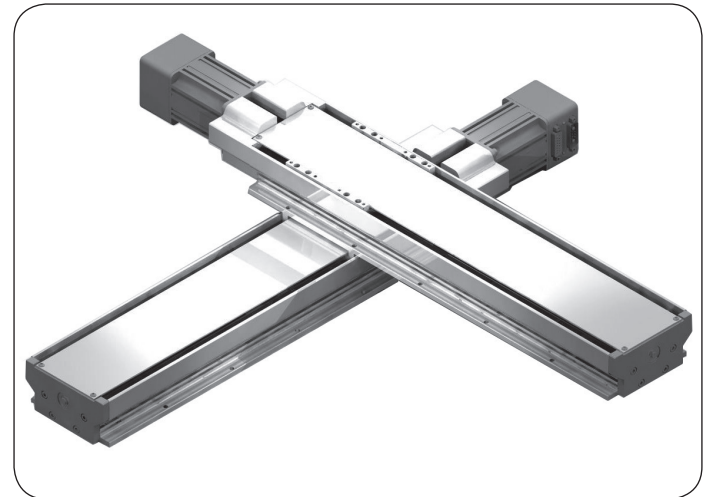
## L70 Series 2 Axis X-Y

The L70 series is designed with mounting holes for easy X-Y setup. The "L" shape provides a means to mount to either top or side of the carriage for up to 4 configurations of X-Y mounting.



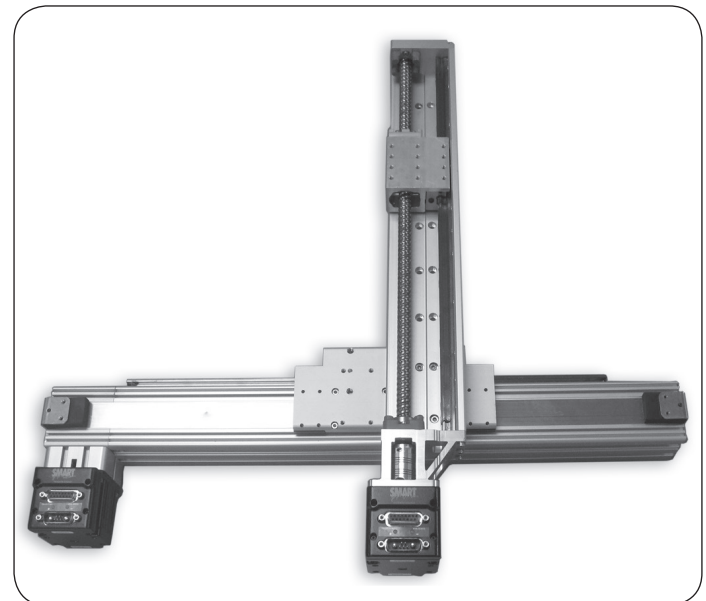
## XL100 series 2-Axis X-Y

The XL100 series has mounting holes along the base of the extrusion to allow easy stacking without the need for a transition plate. Given the twin rail extended Moment loading capabilities, one axis can be fully cantilevered off of the other with <math><0.2\text{mm}</math> deflection at full load at 500mm.



## HLD60 with L70 2-Axis System

Direct mounting of an L70 actuator to an HLD actuator (except internal rollers) provides a compact secondary axis. This same setup can be in an X-Y or X-Z configuration.



**Note: We highly recommend all stand alone multi-axis systems be ordered with Combitronic CAN interface option via -C or -DN part number add-in**