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Zaber™ T-Slot Extrusion Belt Driven Stages

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- Designed for Use with Most 40mm T-Slot Extrusion Framing Systems and Accessories
- 500mm and 1000mm Long Travel Lengths Available
- Controlled Manually or via RS-232 Serial Interface
- Integrated 400 Counts per Revolution (CPR) Motor Mounted Encoder

Common Specifications

General

Encoder:	Yes	Manual Control/ LED Indicators:	Yes
Manufacturer:	Zaber Technologies Inc.	Note:	Requires a 24-48 VDC power supply and either #15-295 for USB connectivity or #15-297 for RS-232 connectivity. A data cable (#15-296 or #15-299) can be used to daisy chain multiple stages together to control simultaneously.
Type of Motor:	2-Phase Stepper	Encoder Type:	Rotary Quadrature Encoder
Motor Installation Guide:	Motor Installation and Setup Guide can be found here		

Physical & Mechanical Properties

Type of Movement:	Linear (X)
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Guide System:	Recirculating Ball Linear Guide	Backlash (μm):	< 250
Height (mm):	76	Load Capacity (kg):	50
Repeatability (μm):	< 20	Speed (mm/s):	3000 (Maximum)
Thrust (N):	90	Encoder Resolution:	400 CPR
Optical Properties			
Resolution (μm):	7.03125		
Electrical			
Maximum Operating Current (mA):	3500		
Hardware & Interface Connectivity			
Type of Drive:	Synchronous Belt	Power Supply:	Power Supply Required and Sold Separately: USA: #15-294 Europe: #15-294 Japan: #23-662 Korea: #33-773 China: #15-294
Computer Interface:	USB with #15-295 RS-232 with #15-297		
Environmental & Durability Factors			
Operating Temperature (°C):	0 - 50		

Technical Information

Products

Stage Size (mm)	Type	Travel (mm)	Encoder	Stock Number	Price	Buy
650 x 134	Metric	500	Yes	#22-234	₹2,20,500	2 In Stock
1150 x 134	Metric	1000	Yes	#22-235	₹2,32,200	2 In Stock



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