

**TR80 / TR100 / TR160**



Lockout Pin Hole Access  
Adjustable Integrated Shocks  
Prox Switch Ready [Mounting]  
Flexible/Compact Design  
Variable Stroke Options

**HD-FLEX MOUNT**  
modular option for  
'direct' horizontal mounting

**TPE125**



Enclosed Design  
Quick Change  
Integrated Adjustable Shocks  
Open/Close Switch Options  
125mm Bore Cylinder

**FLEXILE OPENING**  
adjustable opening angle  
for tooling



## TPE125 DETAILS

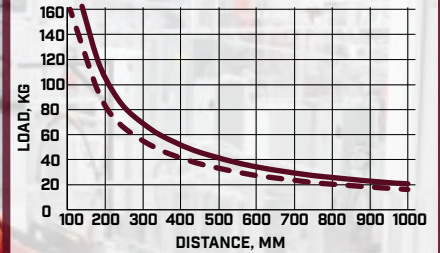
### SAMPLE ORDER #

Model Number	Opening Angle	Saddle Orientation	Cylinder Rod Lock	Cylinder Port Position	Cylinder Port Type	Switches	Mirror
TPE125	120°	V1	L	1	N	X	M

### PART # DETAILS

<b>MODEL NUMBER</b>	Tech-Pivot Enclosed TPE125 - 125mm Bore	<b>CYLINDER PORT POSITION</b>	1 Position 1 2 Position 2 3 Position 3 4 Position 4	<b>MIRROR</b>	M Mirror M Mirrored - Leave Blank for Standard
<b>OPENING ANGLE</b>	15°, 30°, 45°, 60°, 75°, 90°, 105°, 120°	<b>CYLINDER PORT TYPE</b>	N 1/2 NPT G 1/2 ISO G	<b>SWITCHES</b>	X No Switches 40x20 Cube Switch Ready 1 P+F Cube Switch 2 Turck Cube Switch
<b>SADDLE ORIENTATION</b>	H1 Horizontal, Standard H2 Horizontal, Opposite* V1 Vertical, Standard V2 Vertical, Opposite				
* H2 Only Available 15-90 Degrees					
<b>CYLINDER ROD LOCK</b>	L with Rod Lock				

### MAXIMUM TOOLING WEIGHT LIFTING APPLICATIONS @ 65 PSI / 4.5 BAR



— TPE125, 0-105°  
- - - TPE125, 105-120°

\*Safe operating zone is below curve

## TR80/TR100/TR160 DETAILS

### SAMPLE ORDER #

Pivot Model	Body Mount	Opening Angle	Tool Mount	Cylinder	Switch	Shocks	Work Position	Mirror
TR80	V	90°	4	1	P	E	R	*M

### PART # DETAILS

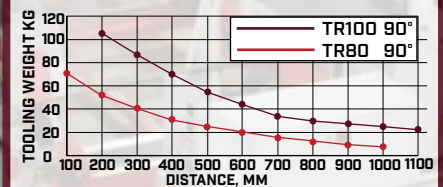
<b>MODEL NUMBER</b>	TR80 - 80mm Cylinder TR100 - 100mm Cylinder TR160 - 160mm Cylinder	<b>80MM CYLINDER:</b>	1 - SMC 3/8" NPT Port 2 - SMC 3/8" G Port 3 - CKD 3/8" Npt Port 4 - CKD 3/8" G Port L - Locking Cylinder Options Available (E.g.: 1L)	<b>100MM CYLINDER:</b>	1 SMC 1/2" NPT 2 SMC 1/2" G 3 CDK 1/2" NPT 4 CDK 1/2" G L - Locking Cylinder Options Available (E.g.: 1L)	<b>160MM CYLINDER:</b>	1L SMC 3/4" NPT port locking head 2L SMC 3/4" G port locking head 3L CKD 3/4" NPT port locking head 4L CKD 3/4" G port locking head
<b>BODY MOUNT</b>	V - Vertical H - Horizontal	<b>SWITCH</b>	for 40mm X 20mm Cube Style Prox Switch (Customer Supplies Switch/Sensor)	<b>*M</b>	In a shown & opposite application: The arm mounted in an "opposite callout" is designated by "M" (mirror)		
<b>OPENING ANGLE</b>	15°, 30°, 45°, 60°, 75° or 90° opening angle (default 90°)	<b>SHOCKS</b>	E - Enidine A - Ace H - Heavy Duty (only available on TR160)				
<b>TOOL MOUNT</b>	4-Tongue (Vertical) 6-HD (Flex Mount)*	<b>WORK POSITION</b>	"R" retracted work position with cylinder retracted Leave blank for standard				
* TR160 - Only available with 6-HD Tool Mount option.							

### ACCESSORIES

Lockout Pin - ADL050  
Lockout Bracket - ADL051  
Lockout Pin Assembly - ADL070

### TOOLING WEIGHT CHARTS

#### TECH-PIVOT 80/100 (VERTICAL/HORIZONTAL)



#### TECH-PIVOT 160 (VERTICAL/HORIZONTAL)

