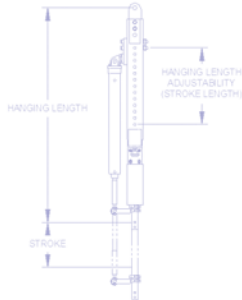




## Torque Tube/Lifter



### Key Benefits:

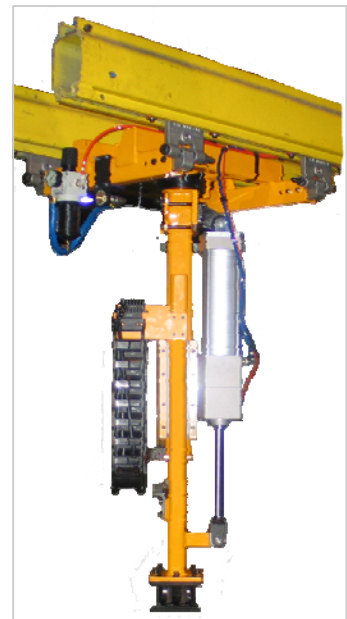
- Low friction cylinder
- Adjustable Housing
- Durable Powder Coat finish
- Common components readily available
- Pneumatic pressure regulator to provide a single balance setting
- Redundant safety features



**UTT-20**  
Torque reactions up to 100Nm  
Lift capacity 50lbs  
Up to 18" Stroke



**UTT-100 & U-125**  
Torque reactions up to: 300Nm  
Lift capacity 275lbs  
Up to 30" Stroke  
(custom sizes available)

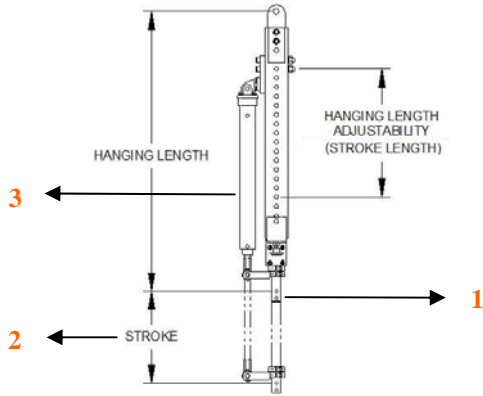


**Heavy Duty/Custom**  
Torque reactions over 300Nm  
Lift capacity over 275lbs  
Up to 30" Stroke  
(custom sizes available)

| Model   | Tool Mount Dia. | Min. Hanging Length  | Max. Hanging Length    |
|---------|-----------------|----------------------|------------------------|
| UTT-20  | 0.78" (20mm)    | Consult Factory      | Consult Factory        |
| UTT-100 | 1.00" (25.40mm) | 18" (457mm) + Stroke | 18" (457mm) + 2*Stroke |
| UTT-125 | 1.25" (31.75mm) | 21" (533mm) + Stroke | 21" (533mm) + 2*Stroke |
| UTT-40  | 1.19" (30.2mm)  | 18" (457mm) + Stroke | 18" (457mm) + 2*Stroke |



## Ordering Information



4



MP



STC

DTC



2/4 Trolley Centered

6



SVU



SB



SD



SVL



TP



SHE-XX

### 1. Base component

- UTT-20 = 20mm Shaft (Max Torque - 100Nm)
- UTT-100 = 1" Shaft (Max Torque - 150NM)
- UTT-125 = 1-1/4" Shaft (Max Torque - 300 NM)
- UTT-30 = 30mm THK Spline Shaft (Max Torque - 130NM)
- UTT-40 = 40mm THK Spline Shaft (Max Torque - 300 NM)

### 3. Cylinder Bore Size      Lift Capacity (lbs.)

|                        |             |
|------------------------|-------------|
| 106 - 1-1/16" cylinder | 50 (23kg)   |
| 150 - 1-1/2" cylinder  | 85 (39kg)   |
| 200 - 2" cylinder      | 170 (77kg)  |
| 250 - 2-1/2" cylinder  | 275 (125kg) |

(Capacity is based on 60 psi/4.1bar air supply)  
 (Standard cylinder used is Flairline (OILF).  
 (Other brands available upon request.)

### 5. Select Type of Rail

- E1 = ETA-4 and ETA-5
- E2 = ETA-8
- S1 = S-Beam
- P1 = Patent Track
- \* Consult Unified on part # for other rail profiles

### 2. Standard Stroke Lengths

- 12 = 12" (305mm)
- 15 = 15" (381mm)
- 18 = 18" (457mm)
- 24 = 24" (610mm)
- 30 = 30" (762mm)

(Can be ordered in any length as a custom order in 1" increments)

### 4. Trolley Bridge Carrier

(Trolley options N/A with options "MP" and "NC".)

- MP - Mounting Plate
- NC - No Clevis (Customer to supply mount.)
- STC - Single Trolley/Centered
- DTC - Dual Trolley/Centered—Inline
- 212 - 12" width 2 Trolley/Centered Bridge
- 218 - 18" width 2 Trolley/Centered Bridge
- 224 - 24" width 2 Trolley/Centered Bridge
- 1212 - 12" Sq. 4 Trolley Centered Bridge
- 1818 - 18" Sq. 4 Trolley Centered Bridge
- 2424 - 24" Sq. 4 Trolley Centered Bridge

### 6. Options (Multiple Options Available)

- SVL = Lower Vertical Swivel (Mounted to End of Torque Tube)
- SVU = Upper Vertical Swivel (Mounted between Torque Tube & Bridge Carrier)
- SB = Upper Vertical Swivel with Horton Brake
- SD = Upper Vertical Swivel with Disc Brake
- SHEXX = Shaft Extension (XX = Length in Inches)
- TP = Tool Mounting Plate
- C = Customer to Supply Trolleys

### Example of Part Number

UTT - 100 - 18 - 150 - 1212 - E2 - \_\_\_\_\_

1            2            3            4            5            6