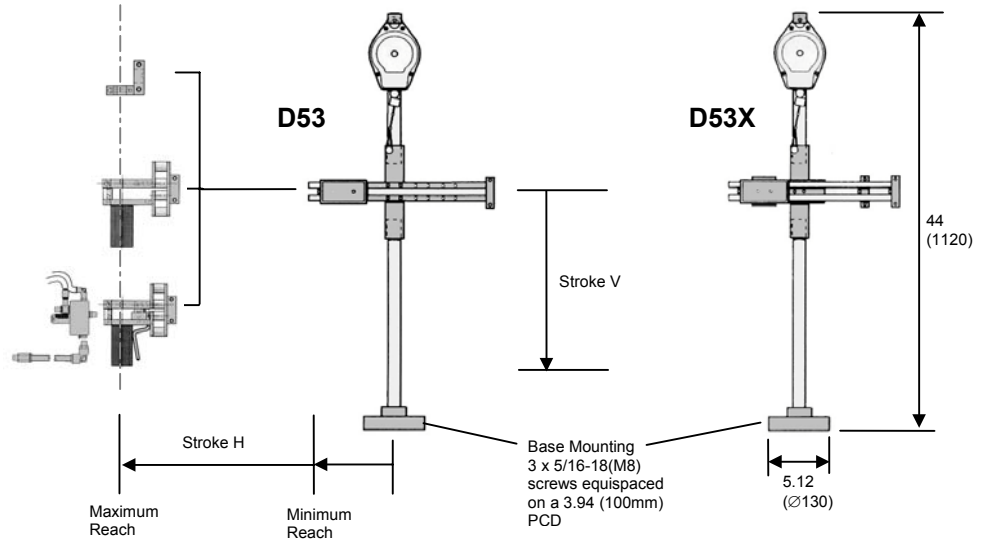


## Stands

**D53 Bench Stand** – this range of modular bench stands suspends the tools vertically and requires minimal bench space. The stands feature a rigid linear bearing frame onto which a tool clamp is mounted which can be rotated through 360 degrees around the pillar.



### STANDS

STAND TYPE	PART NUMBER	MAXIMUM TORQUE	HORIZONTAL STROKE (H)	VERTICAL STROKE (V)	MAXIMUM CAPACITY
		ft lb	in	in	lb
D53	388163	11.8	10.24	23.6	5.5
D53X	388173	11.8	15.55	23.6	3.3

### Lou Zampini & Associates

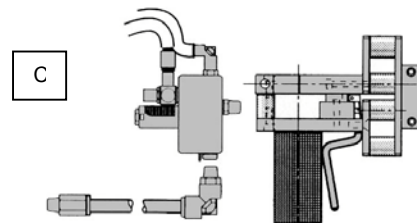
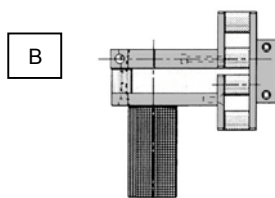
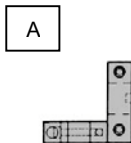
2 Douglas Pike, Rt. 7  
Smithfield, RI 02917  
1 800 353 4676  
FAX 1 401 679 0165

The minimum and maximum reach can be changed in 1.18 (30mm) increments for 5 positions

Position	Minimum/Maximum Reach (mm)					
	D53 + 384793	D53 + 388193	D53 + 388203	D53X + 384793	D53X + 388193	D53X + 388203
1	8.66/18.90	11.22/21.46	11.22/21.46	6.89/22.44	9.45/25.00	9.45/25.00
2	9.84/20.07	12.40/22.64	12.40/22.64	8.07/23.62	10.63/26.18	10.63/26.18
3	11.02/21.26	13.58/23.82	13.58/23.82	9.25/24.80	11.81/27.36	11.81/27.36
4	12.20/22.44	14.76/25.00	14.76/25.00	10.43/25.98	12.99/28.54	12.99/28.54
5	13.39/23.62	15.94/26.18	15.94/26.18	11.61/27.16	14.17/29.72	14.17/29.72

### OPTIONAL ACCESSORIES

PICTURE REF	DESCRIPTION	PART NUMBER
A	STD Tool Clamp 1.02-1.50 (26-38mm)	384793
B	E2 Comfort Grip for Push Start	388193
C	EL Comfort Grip for Lever Start	388203



### How To Order


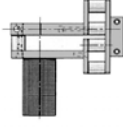
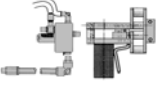
1. Basic Stand
2. Tool Holder
3. Clutch Case for Tool

# Stands

## D53 Tool Holder Selection

To select the tool holder

1. Find the tool type along the left column.
2. Select the tool holder required from the top row
3. Check comments column.

Tool Holder				
				
	Standard Vertical Tool Holder	E2 Comfort Grip for Push Start	EL Comfort Grip for Lever Start	Comments
<b>Straight Case Screwdrivers</b>				
SB-AR/AB	384793	-	-	
SC-AR/AB	384793	388193	-	For E2 fit clutch case 411653 & 432703.
SC-L	384793	-	388203	For EL fit clutch case 411653 & 432703 and remove lever extension.
SD-AR/AB	384793	388193	-	For E2 fit clutch case 465463 for 320-1470rpm, 465443 for 2200/3500rpm.
SD-LR/LB	384793	-	388203	For EL fit clutch case 465463 for 320-1470rpm, 465443 for 2200/3500rpm. and remove lever extension
<b>Electric Screwdrivers</b>				
SME	384793	-	-	
S5	384793	-	-	
SLE	384793	-	-	Nose mount only, fit clutch case 443843
ECD5	384793	-	-	
ERD5	384793	-	-	
<b>Drills and Tappers</b>				
C	384793	-		
D Drills	384793	-	388203	
D Tappers	384793	-	388203	

# Stands

## Balancing Arms – for increased performance

The CP range of modular balancing arms provides a wide operating area with a minimal bench space requirement.

The D57, D58 and D59 models complement the D53 range of bench stands by providing greater tool carrying capacity in terms of weight and torque reaction.

A range of tool holders allow the tool to be positioned vertically, horizontally or at 45° to the work piece thereby avoiding damage and off centre assembly. Hole quality when drilling and tapping are also greatly improved. These balancing arms are designed for heavy-duty operation over a long period of time.

The range of balancing arms provide assistance to an operator when using hand held tools such as screwdrivers, drills and nutrunners. The operator's arm, wrist and shoulder are relieved of the stress from torque, vibration and weight of the tool which means that quality, productivity and operator comfort are greatly improved.

### Features

**Easy to position and handle**

**Heavy duty**

**Modular**

**Ensures correct orientation of tool to workpiece**

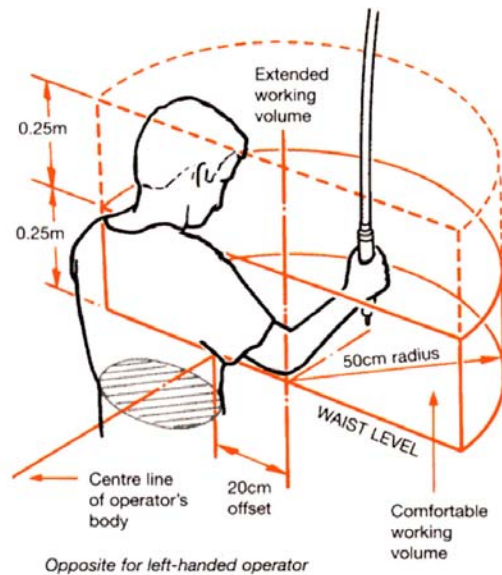
### Benefits

Relieves operator stress

Long term operation and reliability

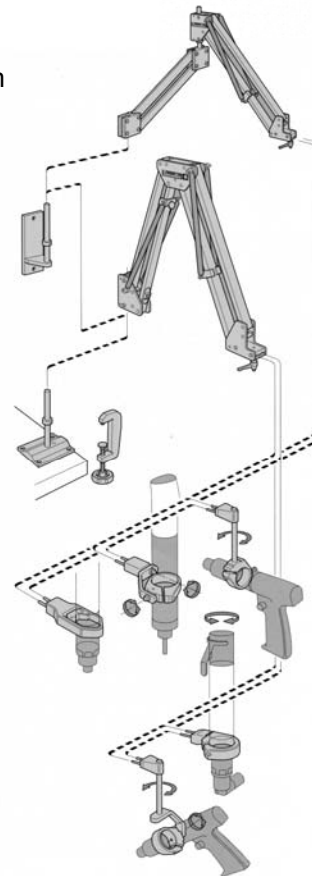
Use in large variety of applications and tools

Prevents damage to assembly and Improves quality



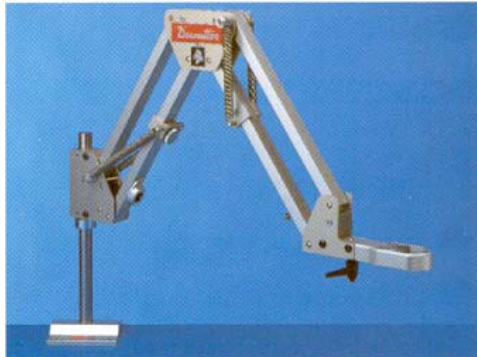
Ideal working envelope for sitting or standing operators

Balancing Arms  
Modular System

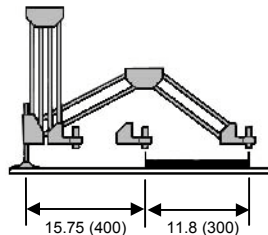


# Stands

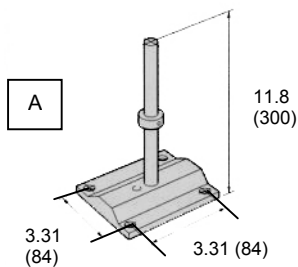
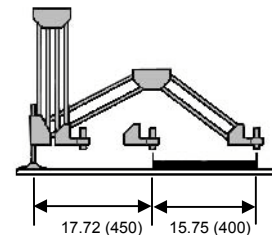
**D57, D57X** - these are a standard pantograph design and cover working ranges up to 33.4in (850mm) and are designed for tools with a torque not exceeding 11ftlb (15Nm).



D57



D57X



## STANDS

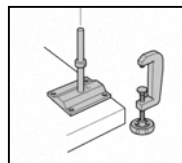
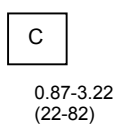
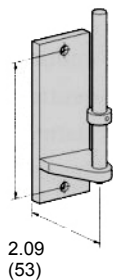
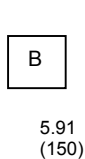
STAND TYPE	PART NUMBER	MAXIMUM TORQUE	MAXIMUM REACH	MINIMUM REACH	CAPACITY
		ft lb	in	in	lb
D57	408903	11	27.6	15.75	2.2-4.4
D57X	408913	11	33.4	17.72	2.2-5.5

## ACCESSORIES INCLUDED

PICTURE REF	DESCRIPTION	PART NUMBER
A	Bench Mount	408953

## OPTIONAL ACCESSORIES

PICTURE REF	DESCRIPTION	PART NUMBER
B	Wall Mount Bracket	408963
C	Table Stand Clamp	408973
-	Tool Holder	See Table
-	Adapter Sleeves	See Table

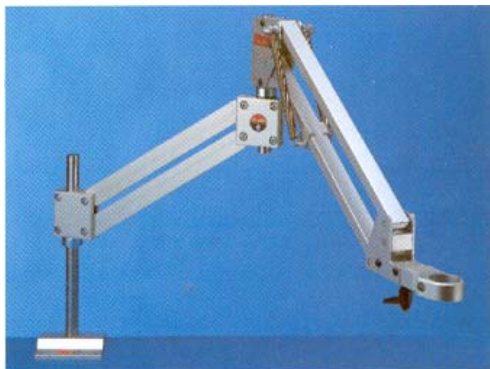


## How To Order

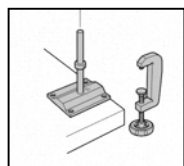
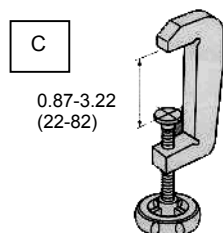
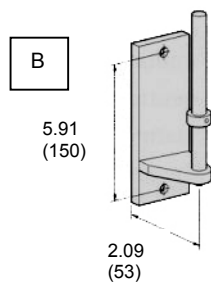
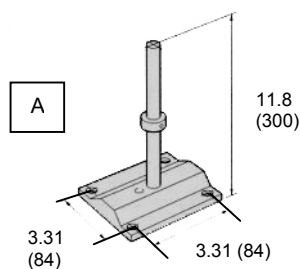
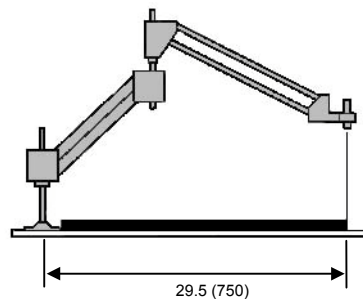
1. Basic Stand
2. Tool Holder
3. Optional Accessories

## Stands

**D58** - this swivel balancing version incorporates a swivelling section and pantograph section giving a working range of 29.5in (750mm) and are designed for tools with a torque not exceeding 4.4ftlb (6Nm).



**D58**



### STANDS

STAND TYPE	PART NUMBER	MAXIMUM TORQUE	MAXIMUM REACH	MINIMUM REACH	CAPACITY
		ft lb	in	in	lb
D58	408923	4.4	29.5	2	2.2-5.5

### ACCESSORIES INCLUDED

PICTURE REF	DESCRIPTION	PART NUMBER
A	Bench Mount	408953

### OPTIONAL ACCESSORIES

PICTURE REF	DESCRIPTION	PART NUMBER
B	Wall Mount Bracket	408963
C	Table Stand Clamp	408973
-	Tool Holder	See Table
-	Adapter Sleeves	See Table

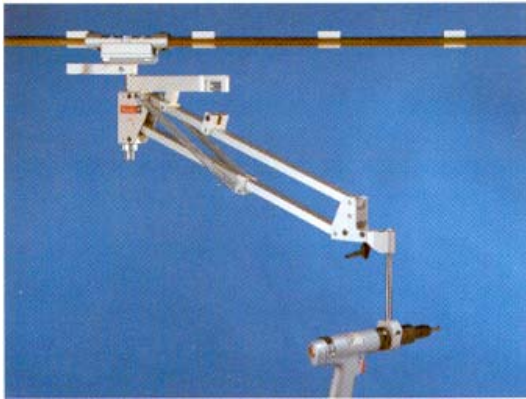
### How To Order

1. Basic Stand
2. Tool Holder
3. Optional Accessories

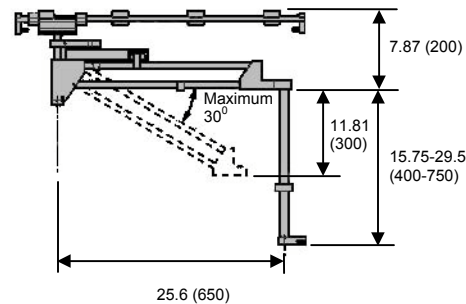
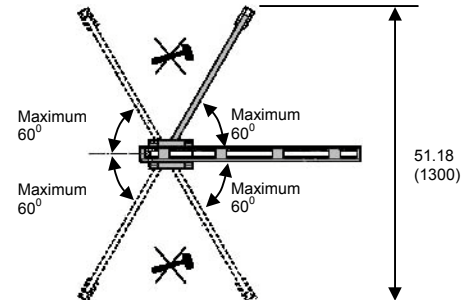


## Stands

**D59** - the rail mounted balancing arm consists of a parallel arm remounted on a rail supported carriage. The horizontal range covered is 25.6in (650mm) plus rail travel with a vertical range of 15.75in (400mm) to 29.5in (750mm). This arm can be equipped with optional height and side locking devices. The rail can be mounted in any position and can be delivered in any length (joined every 3 metres).



**D59**



### STANDS

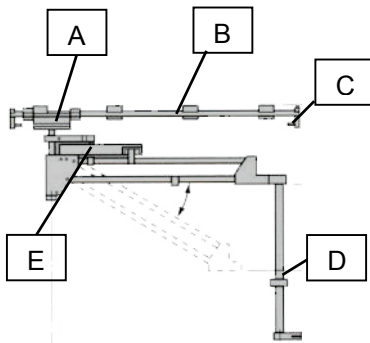
STAND TYPE	PART NUMBER	MAXIMUM TORQUE	MAXIMUM REACH	VERTICAL TRAVEL	CAPACITY
		ftlb	in	in	lb
D59	408933	13.2	25.6	11.81	0-4.4

### ACCESSORIES INCLUDED

PICTURE REF	DESCRIPTION	PART NUMBER
A	Rail Carriage	409253

### OPTIONAL ACCESSORIES

PICTURE REF	DESCRIPTION	PART NUMBER
B	Rail (Supplied per Metre)	409213
C	Rail End Stops	409223
D	Telescopic Height Adjustment	409203
E	Top Arrester (Vertical Lock)	409233
E	Side Arrester (Horizontal Lock)	409243
	Must also order top arrester when using side arrester	
-	Tool Holder	See Table

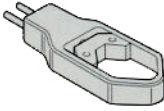
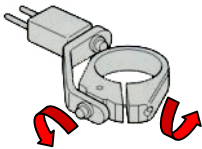
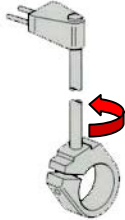
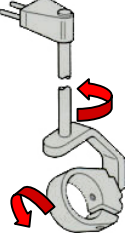



### How To Order

1. Basic Stand
2. Tool Holder
3. Rail (supplied per metre, e.g. for 3m order (3) off)
4. Rail End Stops (2 required per complete rail)
5. Optional Accessories

## Stands

### D57/D57X/D58/D59 Tool Holder Data

	<p><b>Adjustable Vertical Tool Holder</b></p> <p>Allen key supplied as standard</p>	<p>Capacity            Ø25-40mm            Ø40-50mm</p>	<p>Part No.            409063            409073</p>
	<p><b>Vertical 2 Axis Rotation Tool Holder</b></p> <p>Adapter sleeve supplied with tool holder</p>	<p>Diameter            Ø36mm            Ø46mm            Ø56mm</p>	<p>Part No.            409083            409093            409103</p>
	<p><b>Horizontal Single Axis Rotation Tool Holder</b></p> <p>Adapter sleeve supplied with tool holder</p>	<p>Diameter            Ø36mm            Ø46mm            Ø56mm</p>	<p>Part No.            409113            409123            409133</p>
	<p><b>Horizontal 2 Axis Rotation Tool Holder</b></p> <p>Adapter sleeve supplied with tool holder</p>	<p>Diameter            Ø56mm</p>	<p>Part No.            409193</p>
	<p><b>Adaptor Sleeve Blank</b>            (supplied as standard with tool holders) to be machined to suit the tool.</p> <p>There are 2 sizes;            Outside      Inside            Diameter      Diameter            Ø46mm      Ø30mm</p>	<p>Outside Diameter            Ø46mm</p>	<p>Part No.            409273</p>

# Stands

## D57/D57X/D58/D59 Tool Holder Selection

To select the tool holder

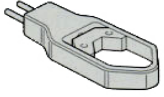
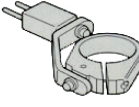

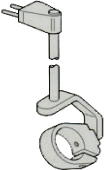
1. Find the tool type along the left column.
2. Select the tool holder required from the top row
3. Read across and down to select the tool holder required.

Example;

SD straight case screwdriver

Adjustable vertical tool holders – 409063

Horizontal single axis rotation tool holder – 409123

Tool Holder				
				
	Adjustable Vertical Tool Holder	Vertical 2 Axis Rotation	Horizontal Single Axis Rotation	Horizontal 2 Axis Rotation
<b>Straight Case Screwdrivers and Torque Motors</b>				
SB	409063	409083	409113	-
SC	409063	409083	409113	-
SD	409063	409093	409123	-
2F89-AX-630-900 *	409063/409073	409103	409133	409193
<b>Pistol Grip Screwdrivers</b>				
SBP	-	409083	409113	-
SCP	-	409083	409113	-
SDP	-	409093	409123	-
2D	-	409093	409123	409193
2F	-	409093	409123	409193
<b>Angle Head Tools</b>				
SC	409063	409083	409113	-
SD	409063	409093	409123	-
<b>Electric Screwdrivers</b>				
SME	409073	409103	409133	409193
S5	409063	409093	409123	-
SLE *	409063/409073	409093	409123	409193
ECD5	409063/409073	409093	409123	409193
ERD5	409063	409093	409123	409193
ECP3/5/10	-	409093	409123	-
ECL	409073	409103	409133	-
ERP5/10	-	409093	409123	-
<b>Drills and Tappers</b>				
C	409063	409093	409113	-
D Drills	409063	409083	409113	-
D Tappers	409063	409083	409113	-
DR750	-	409103	409133	409193

\* Use 409063 for nose mount



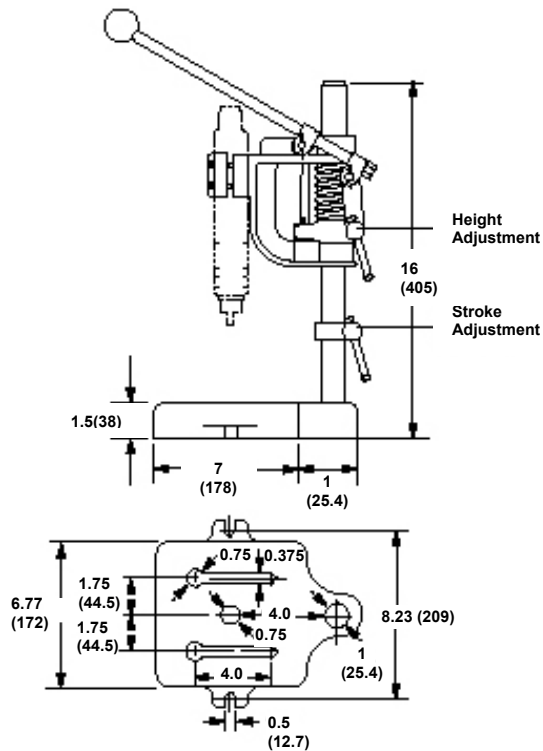
# Stands

**Lever Operated Stands** – a range of stands for bench mounting with lever operation.

## D54 Lever Stand

Part No. 901944  
 Weight: 15.4lb (7kg)  
 Max. Stroke: 1.73in (45mm)  
 Max. Torque: 11.8ftlb (16Nm)

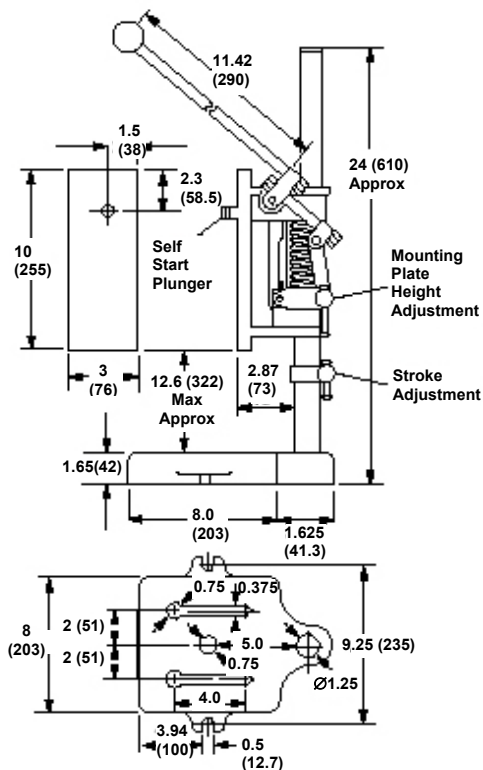
Tool Types  
 SC-AB/AR Screwdrivers  
 SD-1AM Torque Motor  
 SD-2RM Torque motor  
 DM Air Motors



## R55S Lever Stand

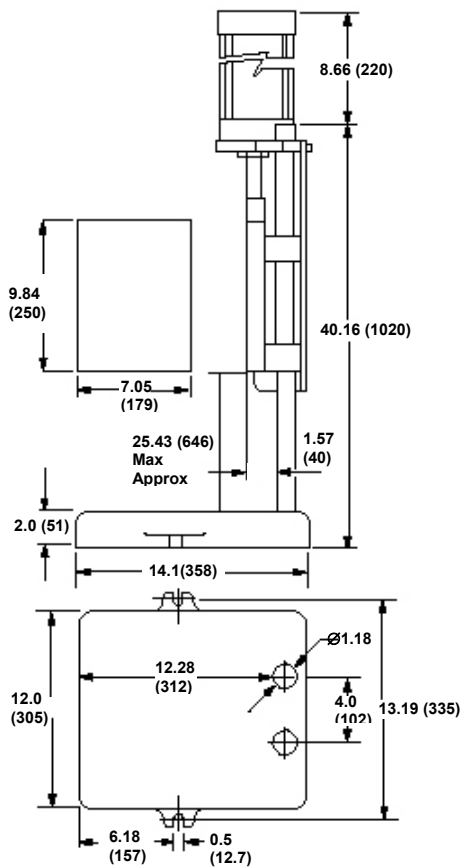
Part No. 903644  
 Weight: 25lb (11.32kg)  
 Max. Stroke: 2.25 (57mm)  
 Max. Mounting Plate Load: 13.2lb (6kg)

Tool Types  
 All types with maximum torque of 11.8ftlb (16Nm).  
 Mounting bracket required.



# Stands

**Cylinder Operated Stands** – the MC55 stand for semi automation with cylinder operation.



## MC55 Cylinder Operated Stand

Part No. 902914

Weight: 70lb (32kg)

Max. Stroke: 4in (100mm)

Max. Mounting Plate Load: 150lb (68 kg)

Max. Torque: 37.6ftlb (51Nm)

### Tool Types

All types with maximum torque of 37.6ftlb (51Nm).

Mounting bracket required.

Pneumatic circuit required.