

# Electric Screwdrivers

Inline

## Low-Torque ES Series

*Proven performance in an economical package.*

### Features

- Torque Range: 0.4 – 9.0 in-lbs (0.05 – 1.0 Nm)
- Speeds: 500 – 900 rpm
- 24 V DC from controller (ESCB50)
- Precise torque control for more efficient and accurate production
- Variable speed and soft-start features built into controller
- Externally adjustable torque control
- Clean room models available
- Two bits, 1.5 m cable, and hanger bail included
- Recommended for low-torque applications requiring precise torque and speed control

### Service and Accessories

#### Manuals:

- 45527777
- 45527702
- 45527801

#### Controller Manuals:

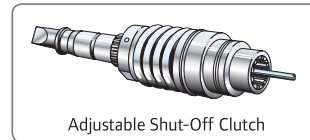
- 45532090
- 45532074
- 45532082

#### Accessories:

- Balancer, see page 177
- Shaker box, see page 16
- Bits, see page 17



ES50T & ESCB50



Adjustable Shut-Off Clutch

								Controller Required
Model	V	in-lbs (Nm)	in-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	
<b>DC INLINE LEVER START</b>								
ES45T	24 V DC	0.5 – 4.7 (0.06 – 0.53)	1.7 – 6.0 (0.19 – 0.68)	600 – 900	0.75 (0.34)	8.87" (225)	0.25" (6.35)	ESCB50
ES50T	24 V DC	0.4 – 4.7 (0.05 – 0.53)	2.0 – 9.0 (0.23 – 1.02)	500 – 650	0.75 (0.34)	8.88" (226)	0.25" (6.35)	ESCB50
<b>DC INLINE CLEAN ROOM LEVER START</b>								
ES50TC	24 V DC	0.4 – 4.7 (0.05 – 0.53)	2.0 – 9.0 (0.23 – 1.02)	500 – 650	0.88 (0.40)	10.50" (267)	0.25" (6.35)	ESCB50

				Soft Start	Speed Adjust
Model	Input Voltage	Output Voltage	lb (kg)	in (mm)	
<b>CONTROLLER</b>					
ESCB50	115 V AC	24 V DC	4.4 (1.9)	6.8" x 5.8" x 4.3" (171 x 146 x 108)	YES YES

## High-Torque ES Series




*Proven performance in an economical package.*

### Features

- Torque Range: 4.0 – 40.0 in-lbs (0.5 – 4.5 Nm)
- Speeds: 400 – 2,000 rpm
- 115 V AC plug in with integral 3 m cable
- Precise torque control for more efficient and accurate production
- Two bits, two brushes, and hanger bail included
- Recommended for applications where precise torque control is required

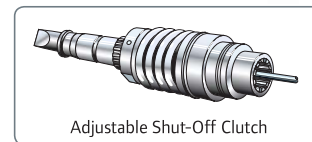
### Service and Accessories
















#### Manuals:

-  45527751
-  45527611
-  45527785

#### Accessories:

- Balancer, see page 177
- Shaker box, see page 16
- Bits, see page 17
- Pistol grip handle: DLW2100TP



						
Model	V	in-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)
<b>DC INLINE PUSH-TO-START</b>						
ES90P	115 V AC	4.4 – 16.0 (0.5 – 1.8)	2,000	1.50 (0.68)	10.00" (254)	0.25" (6.35) 
ES60P	115 V AC	4.4 – 17.0 (0.5 – 1.9)	1,000	1.50 (0.68)	10.00" (254)	0.25" (6.35) 
ES80P	115 V AC	12.0 – 24.0 (1.4 – 2.7)	1,200	1.50 (0.68)	10.00" (254)	0.25" (6.35) 
ES70P	115 V AC	10.0 – 26.0 (1.1 – 2.9)	700	1.50 (0.68)	10.00" (254)	0.25" (6.35) 
<b>DC INLINE LEVER START</b>						
ES90T	115 V AC	4.4 – 16.0 (0.5 – 1.8)	2,000	1.53 (0.69)	10.00" (254)	0.25" (6.35) 
ES60T	115 V AC	4.4 – 17.0 (0.5 – 1.9)	1,000	1.53 (0.69)	10.00" (254)	0.25" (6.35) 
ES70T	115 V AC	10.0 – 26.0 (1.1 – 2.9)	700	1.53 (0.69)	10.00" (254)	0.25" (6.35) 
<b>DC TRIGGER START WITH PISTOL ATTACHMENT</b>						
ES100T	115 V AC	15.0 – 40.0 (1.9 – 4.5)	400	1.68 (0.76)	10.00" (254)	0.25" (6.35) 
<b>DC PUSH-TO-START WITH PISTOL ATTACHMENT</b>						
ES100P	115 V AC	15.0 – 40.0 (1.9 – 4.5)	400	1.65 (0.75)	10.00" (254)	0.25" (6.35) 

## High-Torque ES Series

*Proven performance in an economical package.*

### Features

- Torque Range: 4.0 – 56.0 in-lbs (0.45 – 6.3 Nm)
- Speeds: 250 – 1,850 rpm
- 115 V AC plug in with integral 3 m cable
- Precise torque control for more efficient and accurate production
- Small angleheads designed for close-quarter applications
- Angleheads rotate 360 degrees
- Two bits, two brushes, and hanger bail included
- Recommended for applications where precise torque control is required

### Service and Accessories

#### Manuals:

 45527769

 45527678

#### Accessories:

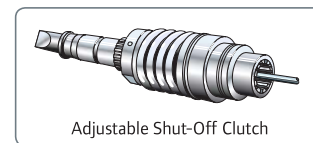
Balancer, see page 177

Pistol grip handle; EP4007N-48



















Sockets, see form # IR-0506-016



ES70T2S3



Adjustable Shut-Off Clutch

								
Model	V	in-lbs (Nm)	rpm	lb (kg)	in (mm)	in (mm)	in (mm)	in
<b>DC LEVER START LARGE ANGLE HEAD</b>								
ES90T2S3	115 VAC	6 – 19 (0.68 – 2.2)	1,300	2.1 (0.95)	16.89" (429)	0.52" (13.21)	1.99" (50.55)	1/4" 
ES60T2S3	115 VAC	6 – 23 (0.68 – 2.6)	650	2.1 (0.95)	16.89" (429)	0.52" (13.21)	1.99" (50.55)	1/4" 
ES70T2S3	115 VAC	11 – 36 (1.2 – 4.1)	450	2.1 (0.95)	16.89" (429)	0.52" (13.21)	1.99" (50.55)	1/4" 
ES100T2S3	115 VAC	14 – 56 (1.6 – 6.3)	250	2.1 (0.95)	16.89" (429)	0.52" (13.21)	1.99" (50.55)	1/4" 
ES90T2S5	115 VAC	6 – 19 (0.68 – 2.2)	1,300	2.1 (0.95)	16.89" (429)	0.52" (13.21)	1.73" (43.94)	1/4" 
ES60T2S5	115 VAC	6 – 23 (0.68 – 2.6)	650	2.1 (0.95)	16.89" (429)	0.52" (13.21)	1.73" (43.94)	1/4" 
ES70T2S5	115 VAC	11 – 36 (1.2 – 4.1)	450	2.1 (0.95)	16.89" (429)	0.52" (13.21)	1.73" (43.94)	1/4" 
ES100T2S5	115 VAC	14 – 56 (1.6 – 6.3)	250	2.1 (0.95)	16.89" (429)	0.52" (13.21)	1.73" (43.94)	1/4" 
<b>DC LEVER START SMALL ANGLE HEAD</b>								
ES90T1S5	115 VAC	4 – 14 (0.45 – 1.6)	1,850	1.9 (0.86)	16.70" (424)	0.33" (8.38)	1.47" (37.34)	1/4" 
ES60T1S5	115 VAC	4 – 17 (0.45 – 1.9)	950	1.9 (0.86)	16.70" (424)	0.33" (8.38)	1.47" (37.34)	1/4" 
ES70T1S5	115 VAC	8 – 26 (0.90 – 2.9)	650	1.9 (0.86)	16.70" (424)	0.33" (8.38)	1.47" (37.34)	1/4" 