

HIOS

**Built-in
Controller**

TRANSFORMER WITH SCREW COUNTER

Power supply with built-in screw counter. The quality control device provides visual assembly fastener count and audible reject alarm. Detects - cross threading, omissions, unfinished rundowns and cycle complete. (Visit website for more detail and images.)

Model: CLT-70STC3

Item #144296

Max. Output: 4.5A

Fuse: 3A

Break: -

Output VDC: 20 / 30

Input VAC: 100 - 240

Size (WxDxH):

4 3/4" x 7 1/2" x 2 3/4"

Weight (lbs.): 3.5

For Driver

Models:

CL2000 - 7000

A4500 - 6500

SS2000 - 7000

Model: BLOP-STC3

Item #144175

Max. Output: 4.5A

Fuse: 3A

Break: -

Output VDC: 20 / 30

Input VAC: 100 - 240

Size (WxDxH):

5" x 8 1/8" x 3"

Weight (lbs.): 4

For Driver

Models:

BL2000 OPC -

7000 OPC*

*Only operates with the "OPC" models from the BL-Series. Cannot operate with standard BL models.

Transformers

Power Supplies for DC Electric Screwdrivers



MC-70L

MC-70L TRANSFORMER

Operates between 2 - 20 tools, depending on type of drivers being used. Requires CB105 Sub Control Boxes. Selectable two speed (high and low). The maximum number of drivers that can be used with the MC-70L is based on the premise that all drivers will be in use simultaneously.

Model: MC-70L

Item #144164

Max. Output: 15A

Fuse: 5A

Break: 10A

Output VDC: 20 / 30

Input VAC: 120

Size (WxDxH): 12 1/2" x 8 2/3" x 6"

Weight (lbs.): 26.4



(up to 5 drivers)
A6500

(up to 10 drivers)
A4500 - 5000
CL6000 - 7000
SS6500 - 7000

(up to 20 drivers)
CL2000 - 4000
SS2000 - 4000

SUB CONTROL BOX

For use with MC-70L. Each control box has its own circuit board that diverts power from the motor to an electromagnetic brake when the driver reaches its preset torque.

Model: CB105

(includes a ground wire)

Item #144250

Cord Length: 78"

Size (WxDxH): 2 3/4" x 1 2/3" x 4"

Weight (oz.): 18.5

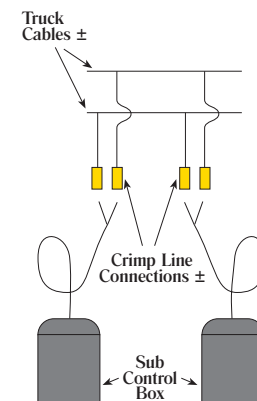


Diagram shows how the Sub Control Boxes interface with the truck cables to provide multiple driver use.

T-30BL

**Built-in
Controller**

T-30BL TRANSFORMER

Switching power supply 100 - 240V. Selectable two speed (high & low).

Model: T-30BL

Item #144300

Max. Output: 1A

Fuse: 2A

Break: 4A

Output VDC: 31

Input VAC: 100 - 240

Size (WxDxH):

2 1/2" x 5 1/4" x 1 1/2"

Weight (lbs.): 0.7

For Driver

Models:

BL2000 - 3000



T-70BL

**Built-in
Controller**

T-70BL TRANSFORMER

Operates BL Series electric screwdrivers. Switching power supply 100 - 240V. Selectable two speed. Mountable brackets.

Model: T-70BL

Item #144400

Max. Output: 2A

Fuse: - 3.15A

Break: -

Output VDC: 31

Input VAC: 100 - 240

Size (WxDxH):

3 1/2" x 8 1/4" x 2"

Weight (lbs.): 1.8

For Driver

Models:

BL2000 - 7000





STC30 TRANSFORMER

Selectable output voltage:

- 20 / 30V for HIOS, BF, EF Series Drivers
- 30 / 38V for K Series Drivers

Over Heat Protection (OHP) and Over Current Protection (OCP) protect driver from damage or malfunction.

Temperature Detection powers down the unit and resets automatically when unit restores to acceptable levels.

Switchable 110 & 230V input voltage. Unit will reset if motor/current is too high.

Start and Stop Signal Output (for PLC).

Selectable Soft Start (from 0.2 - 0.6 seconds).*

Selectable Double Hit mode for soft joint applications.*

Screwdriver lock Signal Input (for PLC).

Unit can be connected to the Scout (Screw Counter).

Model: STC30 Plus v4.1 (5-pin) **Item #145683**

Operates: A-Series, CL-Series, EF-Series, K-Series & BF-Series

Model: STC30 Plus v4.1 (5-pin) **Item #145684**

Operates: SS-Series & ESD-Series

Model: STC30 Plus v4.2 (6-pin) **Item #145699**

Operates: BF-Series, Features Driver Lock

Rated Output: 2.5A

Max. Output: 5A

Fuse: 6.3A

Break: -

Output VDC: 20 / 30 or 30 / 38

Input VAC: 110 / 230

Size (WxDxH): 4 3/8" x 7 1/2" x 2 3/8"

Weight (lbs.): 1.8

EF  **K***

Select EF Mode (20/30V) for operating the following Drivers:

A4500 - 6500 **CL2000 - 7000**

SS2000 - 7000 **EF080 - 120**

EF  **K***

Select K Mode (30/38V) Only operate K Series Drivers in this mode:

K250 - 450

Note: For STC 30 Plus v4.1 Only



U-3 INTERFACE CONVERTER STC 30 PLUS ACCESSORY

The PLC interface converter provides three types of signals by converting the open collector signal from STC 30 Plus.

Model: U-3

Item #145619

Size (WxDxH): 3" x 2 3/8" x 3/4"

Types of Signals:

Open Collector by Opto-Coupler (Reversed)

Relay Contact (Normal Close)

Relay Contact (Normal Open)



CLT-50 TRANSFORMER

Selectable two speed (high and low).

Model: CLT-50

Item #144276

Max. Output: 2.5A

Fuse: 2A

Break: 4A

Output VDC: 20 / 30

Input VAC: 120

Size (WxDxH):

4 1/8" x 7 1/4" x 3 5/8"

Weight (lbs.): 6

For Driver Models:

CL2000 - 7000

SS2000 - 7000

A4500 - 6500*

*CLT-50 may be used with A-6500 if torque is to be less than 10 lbf.in



CLT-65 TRANSFORMER

Selectable two speed (high and low).

Ideal for A6500, SS7000, CL7000 under high torque applications.

Model: CLT-65

Item #144054

Max. Output: 3.5A

Fuse: 5A

Break: 4A

Output VDC: 20 / 30

Input VAC: 120

Size (WxDxH):

7 1/8" x 5 1/2" x 5 1/4"

Weight (lbs.): 8.8

For Driver Models:

A4500 - 6500

CL2000 - 7000

SS2000 - 7000



CLT-75 TRANSFORMER

Model: CLT-75

Item #144177

Max. Output: 8A

Fuse: 5A

Break: 8A

Output VDC: 30

Input VAC: 120

Size (WxDxH):

7 1/8" x 8 2/3" x 5 1/4"

Weight (lbs.): 13.25

For Driver Model:

CL9000



CLT-100 TRANSFORMER

Operates two drivers, either individually or simultaneously. The design of the circuit assures that the performance will not be affected by the operating the second driver.

Model: CLT-100

Item #144174

Max. Output: 3.5A

Fuse: 2A

Break: 4A

Output VDC: 20 / 30

Input VAC: 120

Size (WxDxH):

7 1/8" x 5 3/4" x 5 1/8"

Weight (lbs.): 8.8

For Driver

Models:

A4500 - 6500

SS2000 - 7000

CL2000 - 7000