

## Hydraulic pumps



### 13606 foot/hand-operated and 13604 hand-operated hydraulic pump

- 13606 operates with either foot or hand; 13604 is hand operated only
- Operate all ABB hydraulic heads
- Built-in safety bypass valve
- Factory set at 9,800 psi

### Specifications

- Nominal pressure: 9,800 psi
- Pumping capacity: 2.6 cu. in./min. at 200 psi  
0.16 cu. in./min. at 10,000 psi
- Reservoir volume: 125 cu. in. (0.54 gal.)
- Max. handle force: 130 lb
- Dimensions (L x W x H): 23 in. x 5¾ in. x 6¾ in.
- Weight: 29 lb

| Cat no. | Description                                       | Pkg. qty. |
|---------|---|-----------|
| 13606   | Combination hand- or foot-operated hydraulic pump | 1         |
| 13604   | Hand-operated hydraulic pump                      | 1         |



### Battpac™ BPLT13970P2 pump

- Small and lightweight
- 60 minutes full recharge
- Highly visible display indicates battery power level
- Socket for 24 VDC external connection
- Operation in any position: on its side or upright
- Separate operation/release buttons protect against accidental operation
- Energy consumption limited by automatic shut-off
- Easily accessible oil top-up inlet

### Battery performance guide

In tests, the number of crimps obtained from a fully charged battery, using a remote crimping head, was:

- 102 crimps for Cu connectors on 250 kcmil Cu conductor
- 98 crimps for C-tap connectors on #2 AWG Cu conductor
- 76 crimps for Cu sleeve connectors on 500 kcmil Cu conductor

### Specifications

- Nominal pressure: 10,000 psi
- Pumping capacity: 30 cu. in./min.
- Reservoir volume: 60 cu. in. (0.26 gal.)
- Dimensions (L x W x H): 13½ in. x 6½ in. x 12¾ in.
- Battery: Ni-MH 24 V, 3.0 Ah
- Weight with battery: 20.9 lb

| Cat no.     | Description  | Pkg. qty. |
|-------------|--|-----------|
| BPLT13970P2 | Battpac pump includes canvas accessories carrying bag, carrying strap, remote hand controller, two batteries, battery charger and non-drip couplings | 1         |
| BPLT13970RB | Ni-MH 24 V replacement battery   | 1         |
| BPLT13970RP | Canvas backpack for pump   | 1         |
| BPLT13970DC | Power connecting cable with clips  | 1         |
| BPLT13970FS | Remote foot pedal controller   | 1         |

Suggested replacement oil ABB cat. no. 21061 or any light weight hydraulic fluid or automatic transmission fluid is recommended. Do not use silicon-based fluids.

## Hydraulic pumps



### 13600 electric hydraulic pump

- Designed for use with single-acting cylinders and tools rated for 10,000 psi operation
- Supplied with metal carrying case
- 13620 hand switch and 13619 hydraulic hose, both sold separately, required for operation

### Specifications

- Motor: ½ hp, 115 V 50–60 Hz 10 A
- Pumping capacity:
  - 170 cu. in./min. at 100 psi
  - 32 cu. in./min. at 1,000 psi
  - 25 cu. in./min. at 5,000 psi
  - 18 cu. in./min. at 10,000 psi
- Reservoir volume: 104 cu. in. (0.45 gal.)
- Basic pump dimension: (L x W x H)  
6 in. x 8 in. x 16 in.
- Weight: 25 lb
- Nominal pressure: 10,000 psi

| Cat no.            | Description   | Pkg. qty. |
|--------------------|---|-----------|
| 13600              | Electric hydraulic pump – hand or foot switch and nonmetallic hose (sold separately) required for operation | 1         |
| <b>Accessories</b> |   |           |
| 13620              | Hand switch – 10 ft.  | 1         |
| 13589A             | Foot switch – 10 ft.  | 1         |
| 13619              | 10 ft. nonmetallic hose   | 1         |
| 13618              | 20 ft. nonmetallic hose   | 1         |
| 13600S             | “Sled” type stand for 13600 pump  | 1         |

Suggested replacement oil ABB cat. no. 21061 or any light weight hydraulic fluid or automatic transmission fluid is recommended. Do not use silicon-based fluids.



### 13610A electric hydraulic pump with Shure Stake control

- Shure Stake control mechanism requires 9,800 psi pump pressure before recycling to prevent under-crimping
- Designed for use with single-acting cylinders and tools rated for 10,000 psi operation
- Supplied with metal carrying case

### Specifications

- Motor: ½ hp, 115 V 50–60 Hz 12.5 A
- Pumping capacity:
  - 170 cu. in./min. at 100 psi
  - 32 cu. in./min. at 1,000 psi
  - 25 cu. in./min. at 5,000 psi
  - 18 cu. in./min. at 10,000 psi
- Reservoir volume: 104 cu. in. (0.45 gal.)
- Basic pump dimension: (L x W x H)  
8½ in. x 10½ in. x 16 in.
- Weight: 35 lb
- Nominal pressure: 10,000 psi

| Cat no.            | Description  | Pkg. qty. |
|--------------------|--|-----------|
| 13610A             | Electric hydraulic pump with Shure Stake – hand or foot switch and nonmetallic hose (sold separately) required for operation | 1         |
| <b>Accessories</b> |  |           |
| 13611              | Hand switch – 10 ft.   | 1         |
| 13612              | Foot switch – 10 ft.   | 1         |
| 13619              | 10 ft. nonmetallic hose  | 1         |
| 13618              | 20 ft. nonmetallic hose  | 1         |

Suggested replacement oil ABB cat. no. 21061 or any light weight hydraulic fluid or automatic transmission fluid is recommended. Do not use silicon-based fluids.

## Hydraulic pumps



### 13810 heavy-duty electric hydraulic pump with Shure Stake control

- Designed for perfect crimps every time in heavy-duty OEM applications
- Heavy-duty OEM two-stage pump with high flow rate
- Shure Stake control mechanism requires 9,800 psi pump pressure before recycling to prevent under-crimping
- Requires hand or foot control (sold separately)

#### Specifications

- Motor rating: 1½ hp, 115 V, 60 Hz, 23 A
- Pumping capacity:
  - 235 cu. in./min. at 200 psi
  - 61 cu. in./min. at 8,000 psi
- Reservoir volume: 462 cu. in. (2 gal.)
- Dimensions (L x W x H): 10¾ in. x 15 in. x 20¾ in.
- Weight: 60 lb
- Nominal pressure: 10,000 psi

| Cat no.            | Description   | Pkg. qty. |
|--------------------|---|-----------|
| 13810              | Heavy-duty electric hydraulic pump with Shure Stake control — hand or foot switch and nonmetallic hose (sold separately) required for operation | 1         |
| <b>Accessories</b> |   |           |
| 13611              | Hand switch – 10 ft.  | 1         |
| 13612              | Foot switch – 10 ft.  | 1         |
| 13619              | 10 ft. nonmetallic hose   | 1         |
| 13618              | 20 ft. nonmetallic hose   | 1         |
| 21061              | Hydraulic oil   | 1         |
| 13798              | Male pioneer quick disconnect coupler   | 1         |
| 13799              | Female pioneer quick disconnect coupler   | 1         |
| 13614              | Metallic reinforced hose for OEM operations – 10 ft.  | 1         |

Suggested replacement oil ABB cat. no. 21061 or any light weight hydraulic fluid or automatic transmission fluid is recommended. Do not use silicon-based fluids.



Creates diamond-style crimp

### 25000 air-operated bench-mount crimp tool

- Installs copper and aluminum connectors on wire sizes from #8 AWG to 500 kcmil
- Compact, heavy-duty pneumatic air tool
- Simple to operate – just insert stripped wire into connector barrel, position it in crimping nest and depress foot pedal to actuate crimping dies
- Uses same crimping dies as TBM6S (13000 series) (see page 33)

| Cat no. | Description                         | Pkg. qty. |
|---------|-------------------------------------|-----------|
| 25000   | Air-operated bench-mount crimp tool | 1         |