

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

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

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

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
Accessories		
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
Accessories		
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

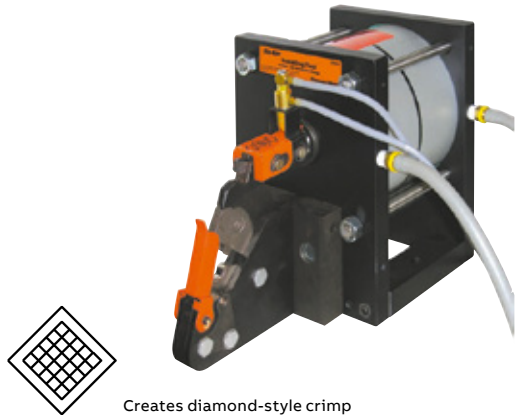
- Designed for perfect crimps every time in heavy-duty OEM applications
- Heavy-duty OEM two-stage pump with high flow rate
- Shure Stake control mechanism requires 9,800 psi pump pressure before recycling to prevent under-crimping
- Requires hand or foot control (sold separately)

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
Accessories		
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.



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