Hydraulic pumps



13606 foot/hand-operated and 13604 handoperated 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 53/4 in. x 63/4 in.
- · Weight: 29 lb

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



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

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

Cat no.	Description	
BPLT13970P2	PLT13970P2 Battpac pump includes canvas accessories carrying bag, carrying strap, remote hand controller, two batteries, battery charger and non-drip couplings	
BPLT13970RB	Ni-MH 24 V replacement battery	1
BPLT13970RP	Canvas backpack for pump	
BPLT13970DC	Power connecting cable with clips	
BPLT13970FS	Remote foot pedal controller	

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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 recyling 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 recyling 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): 1034 in. x 15 in. x 2034 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 too	1