



PUMPS HYDRAULIC PUMPS



Hand Operated Hydraulic Pumps Made of aluminum alloy

Working pressure 700 bar
One-way pump for single-acting cylinders or tools
Supplied with high pressure hose 1.8 meters and R2 3/8 quick coupler with dust cap.

Characteristics:

- Lightweight, robust, durable and compact.
- Two-speed hydraulic system for fast and easy operation.
- Reduced handle effort and ergonomic grip for less operator fatigue.
- Handle lock and lightweight construction for easy carrying.
- Large and comfortable release knob for improved control of pressure release.
- Internal pressure relief valve for overload protection.
- Large oil capacities to power a wide range of cylinders or tools.



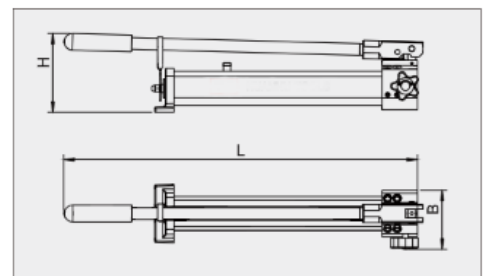
HHB-1000



HHB-700F



HHB-2000



Model	Working pressure (bar)		Oil displacement per stroke (cm ³)		Reservoir (cm ³)		Dimensions (mm)			Packing size (cm)	Weight (Kg)
	Low pressure stage	High pressure stage	Low pressure stage	High pressure stage	Oil capacity	Usable oil capacity	L	B	H		
HHB-1000	20	700	13	2.3	1300	1000	550	110	125	73×19×19	6.4
HHB-2000	20	700	13	2.3	2500	2000	550	130	140	73×19×19	8.9
HHB-700F	20	700	13	2.3	1000	700	620	115	120	73×19×19	6





Hand Operated Hydraulic Pumps

Working pressure 700 bar

HHB-7000 is one-way pump for single-acting applications. HHB-7000S is two-way pump for double-acting applications.

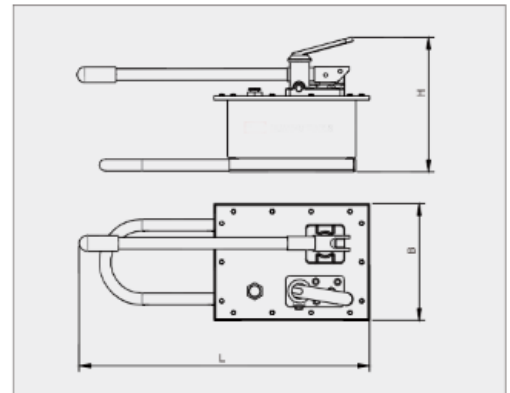
Supplied with high pressure hose 1.8 meters and R2 3/8 quick coupler with dust cap.

Characteristics:

- HHB-7000 and HHB-7000S feature extra large reservoirs and high first-stage flow rate. These pumps are ideally suited for powering high-capacity cylinders.
- Two-speed hydraulic system for fast and easy operation.
- Large release valve handle for controlling load descent.



HHB-7000



Model	Pump type	Working pressure (bar)		Oil displacement per stroke (cm ³)		Reservoir (cm ³)		Dimensions (mm)			Packing size (cm)	Weight (Kg)
		Low pressure stage	High pressure stage	Low pressure stage	High pressure stage	Oil capacity	Usable oil capacity	L	B	H		
HHB-7000	one-way	20	700	126.2	4.75	7500	7000	740	310	330	83×38 ×35	26.5
HHB-7000S	two-way	20	700	126.2	4.75	7500	7000	740	310	330	83×38 ×35	27.5



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Hand Operated Hydraulic Pumps

Working pressure 700 bar

All these pumps are one-way for single-acting applications. HHB-700C is supplied with 1.2-meter length high pressure hose. Other pumps are supplied with 1.8-meter length high pressure hose.

HHB-700B comes with pressure gauge and gauge adaptor .

Characteristics:

- Robust, durable and compact.
- Two-speed hydraulic system for fast and easy operation.
- Lower handle effort to minimize operator fatigue.
- Large and comfortable release knob for improved control of pressure release.
- Internal pressure relief valve for overload protection.
- Supplied with R2 3/8 quick coupler and dust cap.



HHB-700



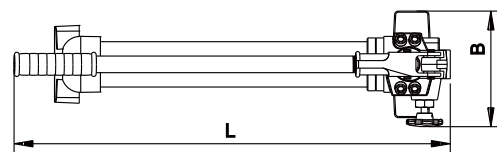
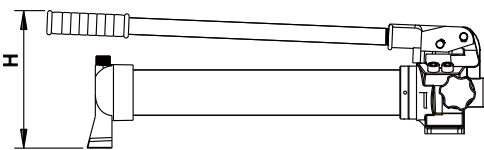
HHB-700A



HHB-700B



HHB-700C



Model	Working pressure (bar)		Oil displacement per stroke (cm ³)		Reservoir (cm ³)		Dimensions (mm)			Packing size (cm)	Weight (Kg)
	Low pressure stage	High pressure stage	Low pressure stage	High pressure stage	Oil capacity	Usable oil capacity	L	B	H		
HHB-700	20	700	13	1.6	1000	700	600	120	200	73×19×19	10.6
HHB-700A	20	700	13	2.3	3200	2700	715	120	200	82×18×18	16.8
HHB-700B	20	700	13	2.3	1000	700	600	120	240	75×18×27	12.4
HHB-700C	20	700	8	1	600	350	380	120	140	60×16×17	5.6





Hand Operated Hydraulic Pumps

Working pressure 600 bar
 Single-speed hydraulic system
 One-way for single acting hydraulic applications

Characteristics:

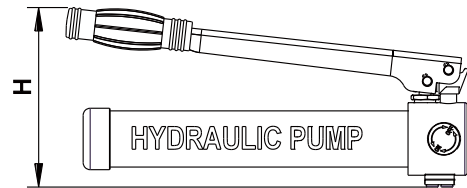
- Compact and lightweight design for easy carrying.
- Vent free reservoir eliminates spills.
- HHB-600 comes with 0.8 meter high pressure hose.
- HHB-600A comes with 1.5 meter high pressure hose.
- Supplied with R2 3/8 quick coupler and dust cap.



HHB-600



HHB-600A



Model	Working pressure (bar)		Oil displacement per stroke (cm ³)		Reservoir (cm ³)		Dimensions (mm)			Packing size (cm)	Weight (Kg)
	Low pressure stage	High pressure stage	Low pressure stage	High pressure stage	Oil capacity	Usable oil capacity	L	B	H		
HHB-600	/	600	/	1	356	220	320	100	115	48×26×13	5.8
HHB-600A	/	600	/	1	420	280	370	80	130	48×26×13	6



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Hand Operated Hydraulic Pumps

Working pressure 700 bar

Square and large oil tank

HHB-700E is one-way pump for single-acting hydraulic applications

HHB-700S is two-way pump for double-acting hydraulic applications

Characteristics:

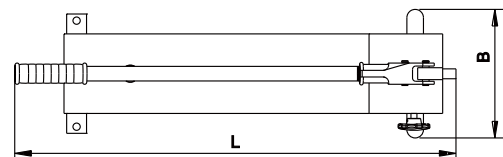
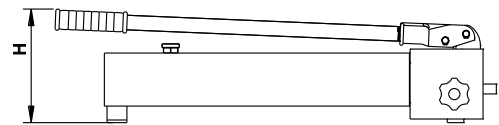
- Robust and durable construction.
- Handle lock (HHB-700E) and quick grip handle. (HHB-700S) for easy transport.
- Two-speed hydraulic system for fast and easy operation.
- Reduced handle effort and ergonomic grip for less operator fatigue.
- Internal pressure relief valve for overload protection.
- Large oil capacities to power a wide range of cylinders or tools.
- Supplied with high pressure hose 1.8 meters and R2 3/8 quick coupler with dust cap.



HHB-700E



HHB-700S



Model	Pump type	Working pressure (bar)		Oil displacement per stroke (cm ³)		Reservoir (cm ³)		Dimensions (mm)			Packing size (cm)	Weight (Kg)
		Low pressure stage	High pressure stage	Low pressure stage	High pressure stage	Oil capacity	Usable oil capacity	L	B	H		
HHB-700E	one-way	20	700	13	2.3	2500	2000	710	150	210	73×19×19	13
HHB-700S	two-way	20	700	13	2.3	3500	3000	710	150	275	79×24×27	18.6





Foot Operated Hydraulic Pumps

Working pressure 700 bar

These pumps are one-way for single-acting hydraulic applications

Characteristics:

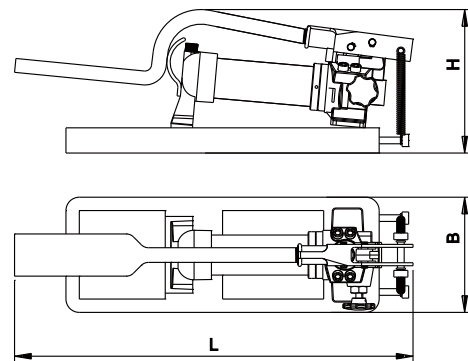
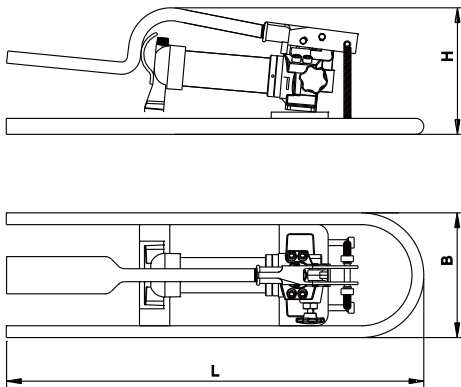
- Robust, durable and compact.
- For handsfree operation.
- Foot pedal lock and lightweight construction for easy carrying.
- Two-speed operation reduces foot pedal strokes.
- Large hand knob release valve for controlling load descent.
- Internal pressure relief valve for overload protection.
- Supplied with high pressure hose 1.8 meters and R2 3/8 quick coupler with dust cap.



HHB-800B



HHB-800



Model	Working pressure (bar)		Oil displacement per stroke (cm ³)		Reservoir (cm ³)		Dimensions (mm)			Packing size (cm)	Weight (Kg)
	Low pressure stage	High pressure stage	Low pressure stage	High pressure stage	Oil capacity	Usable oil capacity	L	B	H		
HHB-800	20	700	13	2.3	600	350	445	145	250	62×21×26	12.8
HHB-800B	20	700	13	2.3	600	350	550	150	300	62×20×26	13.9



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Cordless Hydraulic Pump

Working pressure: 700 bar
 Performance of a Powered Pump
 Portability of a Hand Pump
 18-Volt Battery provides maximum battery performance.

Characteristics:

- Lightweight design with carrying handles for portability.
- 3 work modes optional for crimping, cutting, punching applications.
- LED status display allows real-time monitor of the system pressure.
- 18V powerful battery delivers exceptional speed and run time.
- Straight through solenoid valve with pendant allows remote control for operator safety.
- High strength molded shroud protects motor and electrical parts from contamination and damage.
- Built-in safety valve prevents overload.
- Supplied with 1.5 meters high pressure hoses and couplers.
- Supplied with 18V/4.0Ah battery(2 pcs) and charger(1 pc).



Model	HHB-700LD
Working pressure	700 bar
Oil capacity	760ml
Packing dimensions(cm)	32X32X20
Weight	5.5kg
Accessories	
Battery	2 pcs
Charger	1 pc
High pressure hose 1.5 mts	1 pc
Hand-held pendant	1 pc





Electric Powered Hydraulic Pumps

These portable pumps are best suited to power small to medium size single-acting cylinders or hydraulic tools, working pressure 700 bar.

Its lightweight and compact design make it ideal for applications which require easy transport of the pump.

Characteristics:

- Light weight and portable.
- Large easy-carry handle for maximum portability.
- Two-speed operation reduces cycle times for improved productivity.
- High strength molded shroud protects motor and electrical components from moisture, dirt and damage.
- All valves are 3 position for Advance-Hold-Retract.
- Control pendant allows remote valve operation for operator safety.
- Internal pressure relief valve prevents overloading.
- Oil level glass for oil level monitoring.
- Each pump comes with 1.5 meter hose and R2 3/8 quick coupler with dust cap.



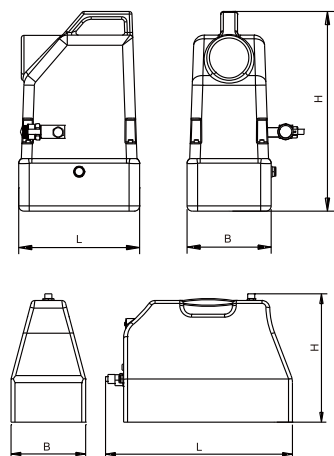
HHB-700D



HHB-700T



HHB-630D



Model	Power rating (kw)	Working pressure (bar)		Flow rate (L/min)		Usable oil capacity (liter)	Dimensions (mm)			Packing size (cm)	Weight (Kg)
		Low pressure stage	High pressure stage	Low pressure stage	High pressure stage		L	B	H		
HHB-700D	0.35	20	700	5	0.5	4	390	235	295	42×20×28	17.5
HHB-630D	0.75	20	700	4	0.6	2	235	160	405	37×29×53	18.7
HHB-700T	1.2	20	700	5	0.7	2	210	145	330	33×15×21	11



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Electric Powered Hydraulic Pumps

Standard pumps for most applications

Working pressure: 700 bar

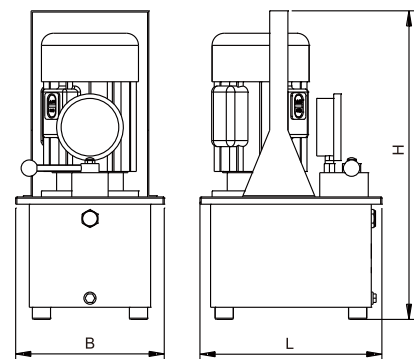
Oil reservoir: 8 liters

HHB-630A and HHB-630C are one-way pumps for single-acting applications.

HHB-630B is two-way for double-acting applications.

Characteristics:

- Lightweight and carrying handle allows for easy transport of the pump.
- Two-speed operation reduces cycle time for improved productivity.
- All valves are 3 position for Advance-Hold-Retract.
- All the pumps are equipped with pressure gauge, which minimizes the risk of overloading and ensure long, dependable service.
- Manual valve and motor control
- Internal pressure relief valve prevents overloading.
- Each pump comes with 1.5 meter hose and R2 3/8 quick coupler with dust cap.



Model	Pump type	Power rating (kw)	Working pressure (bar)		Flow rate (L/min)		Usable oil capacity (liter)	Dimensions (mm)			Packing size (cm)	Weight (kg)
			Low pressure stage	High pressure stage	Low pressure stage	High pressure stage		L	B	H		
HHB-630A	one-way	0.75	20	700	5	0.7	8	305	245	510	37×29×53	23
HHB-630C	one-way	0.75	20	700	5	0.7	8	305	245	510	37×29×53	22
HHB-630B	two-way	0.75	20	700	5	0.7	8	305	245	510	37×29×53	26



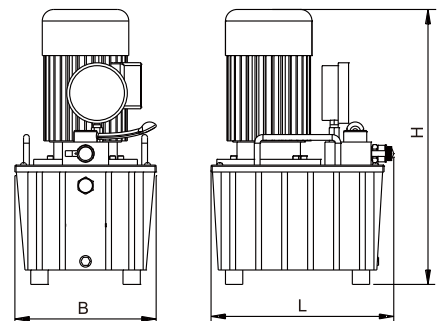


Electric Powered Hydraulic Pumps

Working pressure: 700 bar
 Oil reservoir: 8 liters
 Foot switch enables hands-free remote control
 Solenoid valve makes the pumps ideal for production and lifting
 Both HHB-630E and HHB-630F are one-way pump for single-acting applications.

Characteristics:

- Lightweight and carrying handle allows for easy transport of the pump.
- Two-speed operation reduces cycle time for improved productivity.
- The valves are 3 position for Advance-Hold-Retract.
- The pumps are equipped with pressure gauge, which minimizes the risk of overloading and ensure long, dependable service.
- Internal pressure relief valve prevents overloading.
- Each pump comes with 1.5 meter hose and R2 3/8 quick coupler with dust cap.



Model	Power rating (kw)	Working pressure (bar)		Flow rate (L/min)		Usable oil capacity (liter)	Dimensions (mm)			Packing size (cm)	Weight (Kg)
		Low pressure stage	High pressure stage	Low pressure stage	High pressure stage		L	B	H		
HHB-630E	0.75	20	700	5	0.7	8	325	255	565	37×31×54	25.9
HHB-630F	0.75	20	700	5	0.7	8	305	245	515	37×31×54	25.2



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Electric Powered Hydraulic Pumps

Working pressure: 700bar
 Two-stage hydraulic pump
 Two-way pump for double-acting applications
 Foot switch for hands-free remote control

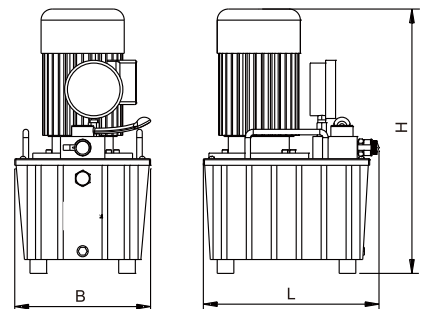
Characteristics:

- Robust and durable construction.
- Roll frame for easy carrying and protection
- Two-speed operation reduces cycle time for improved productivity.
- All the pumps are equipped with pressure gauge, which minimizes the risk of overloading and ensure long, dependable service.
- Internal pressure relief valve prevents overloading.
- Long, trouble free life in the most demanding work environments.
- HHB-630B-III has a very large 35 liters oil reservoir, which means adequate capacity for multi-cylinder applications.
- Each pump comes with 1.5 meter hose and R2 3/8 quick coupler with dust cap.



HHB-630B-III

HHB-630B-I



Model	Power rating (kw)	Working pressure (bar)		Flow rate (L/min)		Usable oil capacity (liter)	Dimensions (mm)			Packing size (cm)	Weight (Kg)
		Low pressure stage	High pressure stage	Low pressure stage	High pressure stage		L	B	H		
HHB-630B-I	0.75	20	700	5	0.7	8	325	255	450	40.5×29.5×47	29.2
	1.5	20	700	10	1.5	35	455	355	630	50×38×70	55.4
HHB-630B-III	2.2	20	700	10	2.5	35	455	355	660	50×38×70	62.4
	3.0	20	700	10	3.0	35	455	355	660	50×38×70	64.4





Electric Powered Hydraulic Pumps

Working pressure: 700bar
 Very large 35 liters oil reservoir
 HHB-630M for single-acting applications
 HHB-630B-II for double-acting applications

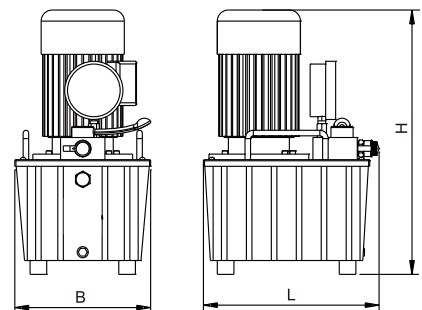
Characteristics:

- Two-speed operation reduces cycle time for improved productivity.
- All valves are 3 position for Advance-Hold-Retract.
- All the pumps are equipped with pressure gauge, which minimizes the risk of overloading and ensure long, dependable service.
- Manual valve and motor control.
- Internal pressure relief valve prevents overloading.
- Long, trouble free life in the most demanding work environments.
- The pumps have a very large 35 liters oil reservoir, which means adequate capacity for multi-cylinder applications.
- Each pump comes with 1.5 meter hose and R2 3/8 quick coupler with dust cap.



HHB-630B-II

HHB-630M



Model	Pump type	Power rating (kw)	Working pressure (bar)		Flow rate (L/min)		Usable oil capacity (liter)	Dimensions (mm)			Packing size (cm)	Weight (Kg)
			Low pressure stage	High pressure stage	Low pressure stage	High pressure stage		L	B	H		
HHB-630M	one-way	1.5	20	700	10	1.5	35	455	355	630	50×38×70	55.4
		2.2	20	700	10	2.0	35	455	355	660	50×38×70	62.4
		3.0	20	700	10	3.0	35	455	355	660	50×38×70	64.4
HHB-630B-II	Two-way	1.5	20	700	10	1.5	35	455	355	630	50×38×70	55.4
		2.2	20	700	10	2.0	35	455	355	660	50×38×70	62.4
		3.0	20	700	10	3.0	35	455	355	660	50×38×70	64.4



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Gasoline Powered Hydraulic Pumps

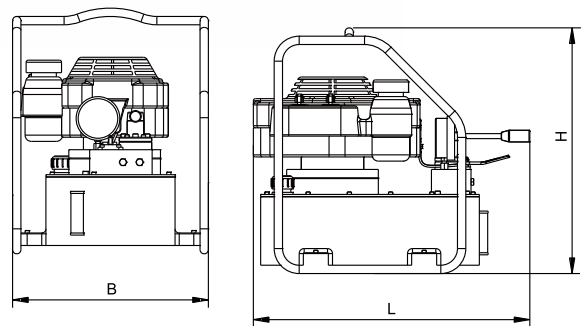
Gasoline Powered Hydraulic Pumps are a logical choice at work sites where electricity or compressed air are unavailable.

Characteristics:

- 6.5HP/5.5HP Briggs & Stratton engine.
- Manual control valve.
- High-pressure safety relief valve.
- Protective roll cage for use in tough environment.
- For use with either single or double acting tools.
- Each pump comes with 1.5 meter hose and R2 3/8 quick coupler with dust cap.



HHB-150B



Model	Power rating (HP)	Working pressure (bar)		Flow rate (L/min)		Usable oil capacity (liter)	Dimensions (mm)			Packing size (cm)	Weight (Kg)
		Low pressure stage	High pressure stage	Low pressure stage	High pressure stage		L	B	H		
HHB-150B	5.5	20	700	6	0.9	15	580	360	480	63×44×62	48.2





Air Powered Hydraulic Pumps

Air Powered Hydraulic Pumps are used where air is the preferred energy source or where electricity is not available. Ideal for use in petrochemical, mines or other inflammable or explosive environments.

Output oil pressure : 700bar
 Required to operate on 8 bar(120 psi) shop air

Characteristics:

- Rugged construction – built for long life and easy service.
- Controls the input air and valve by foot pedal, easier to operate than a hand pump.
- Operates in all positions for increased versatility in use.
- Ideal for powering single-acting cylinders and portable hydraulic tools.



HHB-70AQ



HHB-70BQ

Model	Output pressure (bar/psi)	Air supply required (bar/psi)	Usable oil capacity (cm ³)	Packing size (cm)	Weight (Kg)
HHB-70AQ	700/10000	8/120	690	37×18×19	8.9
HHB-70BQ	700/10000	8/120	1700	28×15×22	8.1