TLP

High Pressure Hydraulic Tools & Equipment

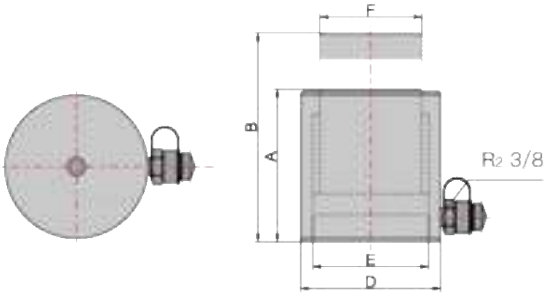
PRODUCT CATALOG

Single-acting General Purpose Cylinders

Characteristics:

Working pressure: 700bar

- ●Designed for use in all positions.
- ●High strength alloy steel for durability.
- ●Chrome plated piston resists wear and corrosion.
- ●Dust wiper on piston rod reduces contamination.
- ●Baked enamel finish for increased corrosion resistance.
- ●All cylinders are proof tested to 125% of capacity before leaving our factory.
- ●10-100 ton cylinder bores are roller burnished to harden the surface and make it smoother.
- ●10-200 ton cylinder models are spring return, 250-1000 ton cylinder models are load return.
- ●Each cylinder has an HH-II R2 3/8 male half coupler and dust cap.
- ●Each cylinder has a flat grooved saddle.
- ●Tilt saddle is available on request.



Model	Cylinder Capacity @700 bar		Stroke (mm)	Effective area (cm²)	Oil capacity (cm³)	Closed height A (mm)	Extended Height B (mm)	Outside Dia D (mm)	Inside Dia E (mm)	Piston Rod Dia. F (mm)	G.W. (Kg.)	Standard Saddle Dia. J (mm)	Saddle Protr. From Plgr. K (mm)	Handle	Recommended pump	Model
	Ton	KN														
~~HHYG-1050~~ ~~HHYG-10100~~ ~~HHYG-10150~~	10	111	50 100 150	15.9	85 169 254	122 172 222	172 272 372	68	45	36	3.1 4.4 5.7	27.5	2	No Yes Yes	HHB-700C	~~HHYG-1050~~ ~~HHYG-10100~~ ~~HHYG-10150~~
HHYG-2050 HHYG-20100 HHYG-20150	20	198	50 100 150	28.3	157 311 465	126 176 226	176 276 376	83	60	45	4 5.3 6.6	37.5	2	No Yes Yes	HHB-700	HHYG-2050 HHYG-20100 HHYG-20150
~~HHYG-3050~~ ~~HHYG-30100~~ ~~HHYG-30150~~	30	309	50 100 150	44.2	237 471 705	137 187 237	187 287 387	103	75	65	7.9 10.7 13.5	48.5	2	No Yes Yes	~~HHB-700C~~ HHB-700 ~~HHB-700A~~	~~HHYG-3050~~ ~~HHYG-30100~~ ~~HHYG-30150~~
HHYG-5050 HHYG-50100 HHYG-50150	50	496	50 100 150	70.8	389 768 1147	147 197 247	197 297 397	123	95	70	11.6 14.9 18	57.5	2	No Yes Yes	HHB-700	HHYG-5050 HHYG-50100 HHYG-50150
~~HHYG-10050~~ ~~HHYG-100100~~ ~~HHYG-100150~~	100	1077	50 100 150	153.9	~~833~~ ~~1584~~ ~~2335~~	~~182~~ ~~232~~ ~~282~~	~~232~~ ~~332~~ ~~432~~	178	140	100	~~25.7~~ ~~30.6~~ ~~35.5~~	83	2	Yes Eye bolts Eye bolts	HHB-700A	~~HHYG-10050~~ ~~HHYG-100100~~ ~~HHYG-100150~~
HHYG-15050 HHYG-150100 HHYG-150150	150	1496	50 100 150	213.7	1133 2237 3342	182 232 282	232 332 432	205	165	115	43 53 63	89	4	Eye bolts Eye bolts Eye bolts	HHB-630A	HHYG-15050 HHYG-150100 HHYG-150150

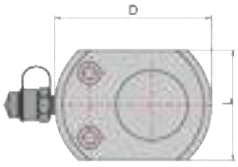
Single-acting Low Height Cylinders

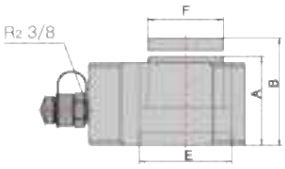
Characteristics:

Single-acting Low Height Cylinders

Working pressure：700bar

●Compact, flat design for use in confined spaces.
●Single acting, spring return.
●High strength alloy steel for durability.
●Chrome plated piston resists wear and corrosion.
●Baked enamel finish for increased corrosion resistance
●Grooved piston rods require no saddle.
●Mounting holes permit easy fixturing.
●Cylinder bores are roller burnished to harden the surface and make it smoother.
●Each cylinder has an HH-II R2 3/8 male half coupler and dust cap





Model	Cylinder Capacity @700 bar		Stroke (mm)	Effective area (cm^2)	Oil capacity (cm^3)	Closed height A (mm)	Extended Height B (mm)	Outside Dia. DXL (mm)	Inside Dia. E (mm)	Piston Rod Dia. F (mm)	G.W. (Kg)	Recommended pump	Model
	Ton	KN											
HHYG-5B	5	67	7	9.6	7	40	47	64×45	35	25	0.75		HHYG-5B
HHYG-10B	10	111	10	15.9	16	48	58	83×60	45	38	1.6		HHYG-10B
HHYG-20B	20	198	11	28.3	34	56	67	99×76	60	50	2.7	HHB-700C	HHYG-20B
HHYG-30B	30	309	13	44.2	55	62	75	123×98	75	64	4.6		HHYG-30B
HHYG-50B	50	496	16	70.8	101	72	88	148×120	95	70	7.8		HHYG-50B
HHYG-100B	100	1002	16	143.1	200	91	107	188×160	135	100	16.8		HHYG-100B

Double-acting General Purpose Cylinders

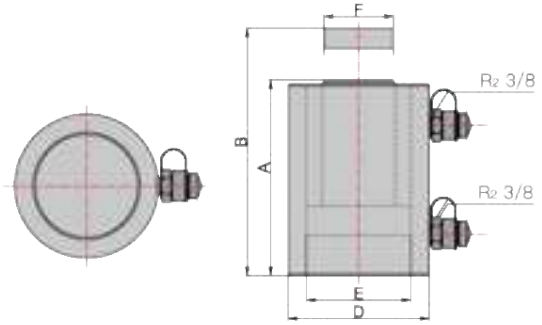
Characteristics:

Double-acting General Purpose Cylinders

Working pressure: 700bar

Versatile, rugged cylinders for tough job site uses and high-cycle industrial uses

- ●Double-acting for rapid piston retraction.
- ●High strength alloy steel for durability.
- ●Chrome plated piston resists wear and corrosion.
- ●Baked enamel finish for increased corrosion resistance.
- ●Dust wiper on piston rod reduces contamination.
- ●Grooved piston rods require no saddle.
- ●Each cylinder has two HH-II R2 3/8 male half couplers and dust caps.



Model	Cylinder Capacity @700 bar			Stroke (mm)	Effective area (cm²)		Oil capacity (cm³)		Closed height A (mm)	Extended Height B (mm)	Outside Dia. D (mm)	Inside Dia. E (mm)	Piston Rod Dia. F (mm)	G.W. (Kg)	Handle	Recommended pump	Model
	Ton	Push (KN)	Pull (KN)		push	pull	push	pull									
HHYG-202505	20	198	110	250	28.3	15.7	707	393	390	640	80	60	40	13	No	HHB-630B	HHYG-202505
HHYG-203005				300			848	471	440	740				15	No		HHYG-203005
HHYG-302005	30	309	172	200	44.2	24.6	884	492	364	564	95	75	50	17	No		HHYG-302005
HHYG-303005				300			1325	738	464	764				21	No		HHYG-303005
HHYG-502005	50	496	227	200	70.8	32.4	1418	648	374	574	120	95	70	29	No		HHYG-502005
HHYG-503005				300			2126	971	474	774				35	No		HHYG-503005

Single-acting Hollow Plunger Cylinders

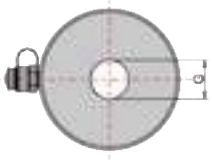
Characteristics:

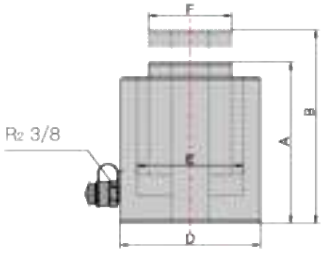
Single-acting Hollow Plunger Cylinders

Working pressure: 700bar

For use in Testing, Maintenance and Tensioning Applications

- ●Hollow plunger design allows for both push and pull forces.
- ●Single acting, spring return.
- ●High strength alloy steel for durability.
- ●Baked enamel finish for increased corrosion resistance
- ●Each cylinder has an HH-II R2 3/8 male half coupler and dust cap.





Model	Cylinder Capacity @700 bar		Stroke (mm)	Effective area (cm²)	Oil capacity (cm³)	Closed height A (mm)	Extended Height B (mm)	Outside Dia. D(mm)	Centre hole G (mm)	Inside Dia. E (mm)	Piston Rod Dia. F (mm)	G.W. (Kg)	Handle	Recommended pump	Model
	Ton	KN													
HHYG-2050K	20	205	50	29.3	146	161	211	98	27	73	54	7.5	No	HHB-700	HHYG-2050K
HHYG-20100K			100		292	223	323					10	No		HHYG-20100K
HHYG-3050K	30	334	50	47.7	239	180	230	114	33	90	63	9	No		HHYG-3050K
HHYG-30100K			100		477	246	346					14.5	No		HHYG-30100K
HHYG-6050K	60	562	50	80.3	402	247	297	158	54	123	91	30.2	Removable carrying handles	HHB-700A	HHYG-6050K
HHYG-60100K			100		803	304	404					36.2			HHYG-60100K
HHYG-10075K	100	946	75	135.2	1015	276	351	212	80	165	127	57			HHYG-10075K

Low Height Telescopic Cylinders

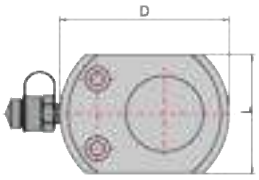
Characteristics:

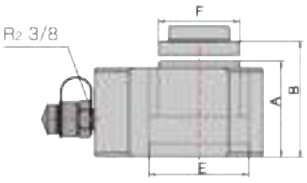
Low Height Telescopic Cylinders

Working pressure: 700bar

Very low retracted height
Long lifting stroke

- ●For use in confined spaces: machinery positioning, tool fastening, etc.
- ●Single acting, load return.
- ●High strength alloy steel for durability.
- ●Baked enamel finish for increased corrosion resistance
- ●Cylinder bores are roller burnished to harden the surface and make it smoother.
- ●Grooved piston rods require no saddle.
- ●Mounting holes permit easy fixturing.
- ●Each cylinder has an HH-II R2 3/8 male half coupler and dust cap.





Model	Cylinder Capacity @700 bar			Stroke (mm)	Total stroke (mm)	Effective area (cm^2)	Oil capacity (cm^3)	Closed height A (mm)	Extended Height B (mm)	Outside Dia. D×L (mm)	Inside Dia. E (mm)	Piston Rod Dia. F (mm)	G.W. (Kg)	Recommended pump	Model
	Ton	stage number	KN												
HHYG-10D	10	2 1	49 111	15 10	25	7 15.9	30	49	74	83×60	30 45	26 38	1.6	HHB-700C	HHYG-10D
HHYG-20D	20	2 1	67 198	16 11	27	9.6 28.3	51	57	84	99×76	35 60	31 50	2.7		HHYG-20D
HHYG-30D	30	3 2 1	50 137 309	20 22 12	54	7.1 19.6 44.2	123	64	118	123×98	30 50 75	26 46 64	4.7		HHYG-30D

Manual Hydraulic Pipe Benders

Characteristics:

The Manual Hydraulic Pipe Benders are designed for precision cold bending of thick-walled pipes (gas, water and steam pipes, non-heated black iron pipes, galvanized pipes, schedule 40 & 80) up to 900 following GB/T 3091,DIN 2440,EN 10255,BS1387 standards.

These benders are ideal for plumbing, sanitary and heating installation on construction sites, for apparatus and boiler making and for industrial applications.

Characteristics:

●Capable of bending angles from 0° to 90° on pipes ranging from 1/2” to 4”.

●Cold bending, no pre-warming of pipe is required.

●Works quicker with the two-speed, heavy-duty hydraulic pumping system.

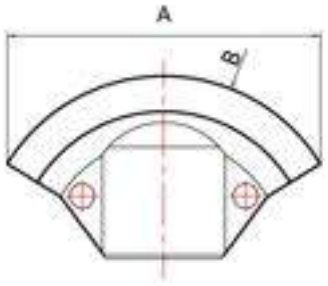
●Comfortable working position with the tripod stand.

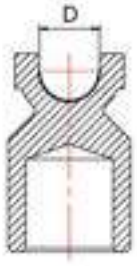
●Longer piston stroke per pumping and optimized hand force minimizes operator fatigue.

●Supplied in a wooden case with a set of bending shoes and service pack.

Model	Hydraulic Ram Output (Ton)	Ram stroke (mm)	Bending range(O.D.) (mm)	Bending shoes (inch)	G.W. (Kg)	Packing size (cm)
HHW-2J	13	250	Ø21.3-Ø60	1/2" 3/4" 1" 1¼" 1½" 2"	48.2	73×32×20
HHW-3J	20	290	Ø21.3-Ø88.5	1/2" 3/4" 1 " 1¼" 1½" 2" 2½" 3"	100.5	94×40×21
HHW-4J	20	370	Ø21.3-Ø108	1/2" 3/4" 1" 1¼" 1½" 2" 2½" 3" 4"	156.8	118×46×25

For bending pipes to 900 following GB/T 3091,DIN 2440,EN 10255,BS1387 standards.
Made of nodular cast iron, the bending shoes are strong and durable.





Bending shoe size (inch)	A (mm)	B (mm)	Minimum bend radius (mm)	D (mm)	Pipe Schedule	Wall thickness (mm)
1/4"	61	44	38	13.5	40	2
5/16"	76	56	48	16.5	40	2
3/8"	106	63	50	18	40	2.3
1/2"	115	67.5	50.2	22	40 80	2.8 3.7
3/4"	131	84.5	66	28	40 80	2.9 3.9
1"	147	96.5	75.4	34	40 80	3.4 4.5
1¼"	195	134	108.7	43	40	3.6
1½"	242	162	133.5	50	40	3.7
2"	297	238	199.2	62	40	3.9
2½"	380	257	209	79	40	5.2
3"	436	390	335	90	40	5.5
4"	555	450	400	110	40	6

- Pipe schedule : 40 = Standard, 80= Extra Heavy

Manual Hydraulic Pipe Benders, HHW-1A

Characteristics:

The Manual Hydraulic Pipe Benders are designed for precision cold bending of thick-walled pipes (gas, water and steam pipes, non-heated black iron pipes, galvanized pipes, schedule 40 & 80) up to 900 following GB/T 3091,DIN 2440,EN 10255,BS1387 standards.

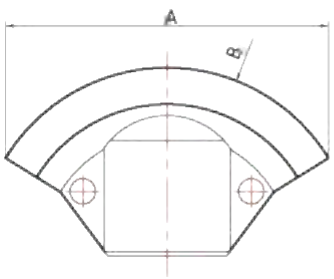
These benders are ideal for plumbing, sanitary and heating installation on construction sites, for apparatus and boiler making and for industrial applications.

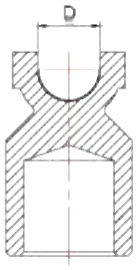
Characteristics:

- ●Capable of bending angles from 0° to 90° on pipes ranging from 3/8”to 1”.
- ●Cold bending, no pre-warming of pipe is required.
- ●Fast and easy setup on the jobsite.
- ●Simple to use.
- ●Steel storage box for easy carry from site to site.

Model	Hydraulic Ram Output (Ton)	Ram stroke (mm)	Bending range(O.D.) (mm)	Bending shoes (inch)	G.W. (Kg)	Packing size (cm)
HHW-1A	6	150	Ø16-Ø33	3/8" 1/2" 3/4" 1"	17	43×38×13

For bending pipes to 900 following GB/T 3091,DIN 2440,EN 10255,BS1387 standards.
Made of nodular cast iron, the bending shoes are strong and durable.





Bending shoe size (inch)	A (mm)	B (mm)	Minimum bend radius (mm)	D (mm)	Pipe Schedule	Wall thickness (mm)
3/8"	104	63.5	50	18	40	2.3
1/2"	112	68.5	54.8	21.5	40	2.8
3/4"	131	87.5	68.5	28	40	2.9
1"	147	107	86	34	40	3.4

- Pipe schedule : 40 = Standard

Manual Tube Benders, HHW-25S

Characteristics:

An ideal tool for accurate bending of mild steel tubes up to 1800, Ø10-25mm, wall thickness 0.8-2.0mm.

●It is mounted solidly onto the bench and comes with extension handle and 7 x 180° bending shoes included. The bending shoes can be changed in seconds and the small roller is adjustable for pressure by moving the thumb screw inside the main arm.

●All dies are made of steel and nearly unbreakable.

●Comes delivered in a heavy duty molded plastic carry case with handle.

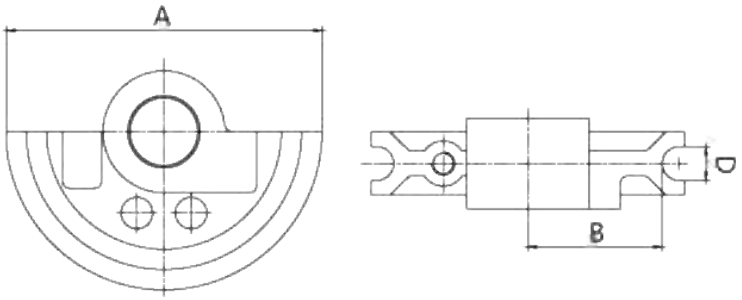
●Optimum bending results without deformation or ripples.

●Universal applications: U-bends, counter-bends, swan-neck bends and connecting bends possible at all levels.

●Top quality, precise and simple to use.

Model	Bending range(O.D.) (mm)	Bending shoes inch	G.W. (Kg)	Packing size (cm)
HHW-25S	Ø16-Ø33	3/8"(10mm),1/2"(12mm),9/16"(14mm),5/8"(16mm),3/4"(19mm), 7/8"(22mm),1"(25mm)	27.6	67X19X42

Specifications of bending shoes



Bending shoe size (inch)	A (mm)	Minimum bend radius B(mm)	D (mm)	Wall thickness of Standard steel pipe, stainless steel pipe (mm)	Wall thickness of Standard copper tubes (mm)
3/8"	100	42	11	0.8	1.0
1/2"	119	50.5	13	1.0	1.2
9/16"	139	55.5	15	1.0	1.2
5/8"	159	68.5	17	1.0	1.2
3/4"	179	77	20	1.0	1.2
7/8"	225	98.5	23	1.2	1.5
1"	225	97	26	2.0	1.6

Manual Tube Benders, HHW-22

Characteristics:

For accurate one handed bending up to 900, Ø6-22mm(1/4”- 7/8”)
Suitable for bending soft copper tubes, coated copper tubes and multi-layer composite tubes.
Universal use in sanitary, heating, air conditioning, refrigerating and hydraulic applications.
Saving on fittings, storage, procurement, soldering joints, pressing joints and working hours.

●Accurate bending even in restricted spaces.
●Production of U-bends, counter bends, swan-neck bends and connecting bends possible at all levels.
●Easy and rapid changing of the bending shoes.
●Fast release and removal of the bending shoes.
● Handy and lightweight, easy move to job site.

HHW–22

HHW–22

Model	Bending range (mm)	Bending shoes inch	Wall thickness of tube (mm)	G.W. (Kg)	Packing size (cm)
HHW-22	Ø6-Ø22	1/4"(6mm), 5/16"(8mm), 3/8"(10mm), 1/2"(12mm), 5/8"(16mm), 3/4"(18mm), 7/8"(22mm)	1.0	4.5	55X32X9

Manual Hydraulic Radial Press

Characteristics:

For accurate one handed bending up to 900, Ø6-22mm(1/4”- 7/8”)
Suitable for bending soft copper tubes, coated copper tubes and multi-layer composite tubes.
Universal use in sanitary, heating, air conditioning, refrigerating and hydraulic applications.
Saving on fittings, storage, procurement, soldering joints, pressing joints and working hours.

- ●Accurate bending even in restricted spaces.
- ●Production of U-bends, counter bends, swan-neck bends and connecting bends possible at all levels.
- ●Easy and rapid changing of the bending shoes.
- ●Fast release and removal of the bending shoes.
- ● Handy and lightweight, easy move to job site.

Model	HHF-32Y
Hydraulic Ram Output (Ton)	8
Ram Stroke (mm)	16-32
Mould Shape	Round
Bending Shoes (mm)	16,20,25,32
G. W. (Kg)	7
Packing Size (mm)	550×130×240

Manual Hydraulic Expanding Tool

Characteristics:

For expanding soft copper tubings Ø10-38mm
For efficient, fitting free installation of pipes in sanitary heating, gas, refrigeration and air-conditioning systems.

●Easy setup, one hand operation and thumb release, minimizing on-the-job fatigue and increasing productivity.
●With its small pistol-shape design, the tool can fit in the smallest of spaces.
●With hydraulic pressure, this lightweight tool by a few strokes allows a perfect expansion of soft copper tubes.

Model	Expanding range (mm)	Expander heads (in.)	Wall thickness of copper tubing (mm)	Weight (kg)	Packing (cm)
HHKG-38A	Ø10~Ø38	3/8",1/2",5/8",3/4",7/8",$1\frac{1}{8}$",$1\frac{3}{8}$",$1\frac{5}{8}$"	1.0	5.5	44×36×13
HHKG-38B	Ø10~Ø38	3/8",1/2",5/8",3/4",7/8",$1\frac{1}{8}$",$1\frac{3}{8}$",$1\frac{5}{8}$"	1.0	5.4	44×36×13

Manual Pressure Testing Pumps

Characteristics:

Testing of water lines & containers
Lightweight, easy and simple operation

Model	Working pressure (Mpa)	Hub suction capacity
HHS-2.5S	2.5	10ml / stroke
HHS-4.0S	4.0	10ml / stroke

Self-container Hydraulic Nut Splitter

Characteristics:

Suitable for various applications: truck maintenance, pipeline industry, tank cleaning, petrochemical, iron and steel construction, mining, etc.

- ●Unique angled head design.
- ●Heavy duty cutting head made of special steel.
- ●Rugged and durable.
- ●Easy and simple operation.
- ●Comes in plastic carry case.

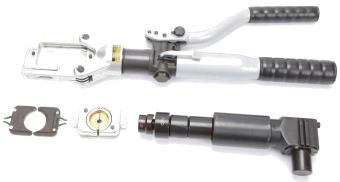
Model	HHQ–27
Output (Ton)	20
Screw Range	M22–M27
Hex Screw Range (mm)	32–41
G. W. (Kg)	6.8
Packing Size (mm)	540×100×170

Hand Operated Hydraulic Universal Tool

Characteristics:

Aluminum pump lever and housing result in low weight.
One universal head for crimping, cutting and punching.
Built-in safety valve

●Universal head, flip-top style, rotatable.
●Light weight due to high quality aluminum housing.
●Thanks to the automatic retraction function, poor crimps are avoided, more safety and shorter intervals between crimping operations.
●Manual release in case of need.
●The rotatable head permits to work in tight locations.
●Faster operation with less force thanks to the 2-stage hydraulic system.
●Closed work head, flip top style, rotatable.
●Sturdy steel storage box.



Crimp copper lug 16-300mm² or aluminum lug 10-240mm²

Cut Cu/Al wire or armoured cable up to Φ40mm

Punch holesΦ 22-Φ60mm

Model	HHY-60H
Hydraulic Ram Output	6.5 Ton
Ram Stroke	42 mm
Cutting range(mm)	Ø40(Cu/Al and armoured cable)
Crimping range(mm²)	16-300
Punching range(mm)	Ø22.5-Ø61.5
G.W.(kg)	14.5
Packing size(mm)	610×210×110
Accessories	
Crimping dies(mm²)	16,25,35,50,70,95,120,150,185,240,300
Punching dies(mm)	22,27,34,43,49,60
Blades	1 set
Crimping adapter	1 pc
Punching adapter	1 pc
Draw stud M20x1.5	1 pc
Draw stud M10 x 1	1 pc
Spacer	1 pc
Sealing ring of cylinder	1 set
Sealing ring of safety valve	1 set

Ultra-high Pressure Hand Pumps

Characteristics:

Max working pressure: 2000bar
Hydraulic bolt tensioner pumps

●Lightweight and portable high-pressure hand pump.
●Two-speed operation displaces a larger volume of oil per stroke, reducing cycle times for many testing applications.
●Built-in pressure relief valve to prevent overpressurization.
●Includes a pressure gauge, coupler and 2-meter long high pressure hose.

Model	Working Pressure (Bar)		Oil displacement per stroke (cm3)		Output Connector	Pressure Gauge Connector	Oil Capacity (cc)	G. W. (Kg)	Packing Size (cm)
	1st Stage	2nd Stage	1st Stage	2nd Stage					
HHB-180	15	1800	32	1.3	1/4BSP	1/2BSP	2200	11	59×12×17
HHB-280	20	2800	32	1.3	1/4BSP	1/2BSP	2200	11	59×12×17

Hand-operated Hydraulic Cable Cutter

Characteristics:

Cuts armored Al and Cu cables
with built-in safety valve

●Closed cutting head with bolt interlock, rotatable, flip top style.
●Cuts armored Al and Cu cables up to Ø85 mm.
●Carry handle for easy shift in job sites.
●Innovative 2-stage hydraulic system reduces operator fatigue and cycle time.
●Built-in pressure relief valve prevents overloading.
●Turn the release knob anticlockwise to retract the ram when cutting is complete
●Plastic carry case.

MODEL	HHD-85
Hydraulic Ram Output	**8.5 Ton**
Cutting Range (mm)	Ø85mm (Copper, Aluminium/armored cable
G. W. (Kg)	15.5
Packing Size (mm)	880x190x110

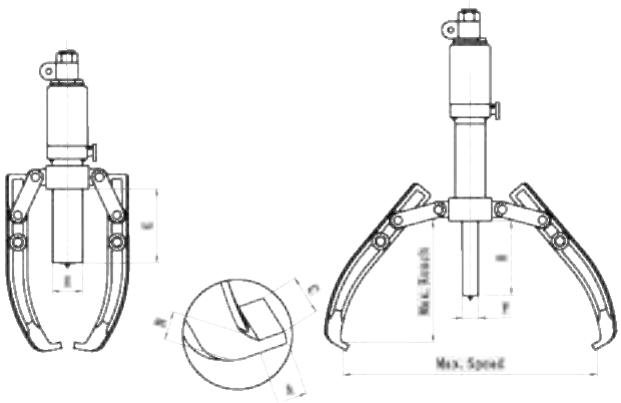
Self-Contained Hydraulic Pullers

Characteristics:

These tools are designed for removing a wide variety of gears, bearings, bushings, pulleys and other press-fitted parts.

Working pressure: 700bar

- ●Use with 2 or 3 jaws.
- ●High quality, forged steel jaws and crosshead provide superior reliability and service.
- ●Precise hydraulic control allows fast, efficient and safe pulling.
- ●High force hydraulic system for effortless pulling of large components.
- ●More efficient pulling, as one man can do the job where manual pullers often require two operators.
- ●Spring loaded live centering cone. 5,10 and 20 ton sets all contained in a plastic carry case. 30 and 50 ton sets all contained in a robust wooden box.



Model	Output (Ton)	Spread (mm)	Max Reach (mm)	Ram stroke (mm)	Dimensions(mm)						Weight (Kg)	Packing size (cm)
					E	F	G	A	B	C		
HHL-5	5	50-200	140	50	45	23	106	12.5	22.5	26	7.6	42×29×9
HHL-10	10	50-250	170	60	56	26	97	14	30	30	10.1	43×33×11
HHL-20	20	100-350	205	70	78	33	105	21	33.5	33	18.6	44×35×13
HHL-30	30	150-400	220	70	90	38	103	26	36	35	24.2	48×20×18
HHL-50	50	200-500	250	60	114	48	117	25	46	40	42.9	52×25×22

Self-Contained Hydraulic Grip Pullers

Characteristics:

Use with 3 jaws.
High quality, forged steel jaws and crossheads provide superior reliability and service.
Safety Cage guides jaws, holding them securely onto the part.
A built-in safety valve prevents overload.
Precise hydraulic control allows fast, efficient and safe pulling.
High force hydraulic system for effortless pulling of large components.
More efficient pulling, as one man can do the job where manual pullers often require two operators.
Spring-loaded live centering cone.

Model	Output (Ton)	Spread (mm)	Max Reach (mm)	Ram stroke (mm)	Weight (Kg)	Packing size (cm)
HHL-5B	5	20-200	160	60	8	42×29×9
HHL-10B	10	20-300	210	80	11	43×33×11
HHL-15B	15	20-360	240	100	19	44 X 35 X 13

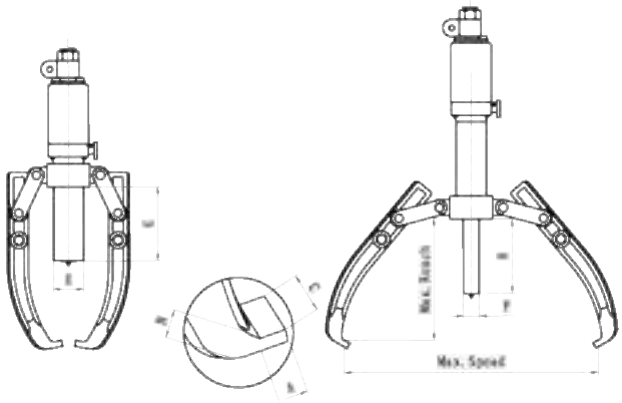
Skid-Resistant Hydraulic Pullers

Characteristics:

Skid-Resistant Hydraulic Pullers

Slim tapered jaws for better gripping in tight spots.

●Effortless pulling of large components as one man can do the job.
●High quality, forged steel jaws and crosshead provide superior reliability and service.
●Because of the safety jaw retention system, the pullers will grip on surfaces where normal pullers would slip off, e.g. tapered bearings.



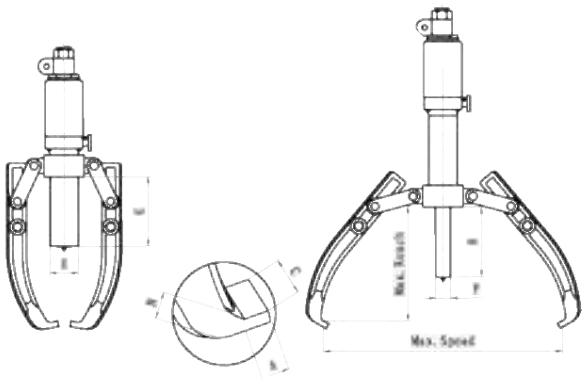
Model	Output (Ton)	Spread (mm)	Max Reach (mm)	Ram stroke (mm)	Dimensions(mm)						Weight (Kg)	Packing size (cm)
					E	F	G	A	B	C		
HHL-5S	5	50-250	140	50	45	23	106	10	10	20	13.8	60×12×17
HHL-10S	10	50-300	170	60	56	26	97	10	10	20	15.1	57×18×16
HHL-20S	20	100-400	205	70	78	33	105	12	12	22.5	20.4	62×25×22

Hydraulic Puller and Hand Pump Sets

Characteristics:

Easy and quick set-up.
The hydraulic hand pump can be detached for other tasks, requires dependable hydraulic power, assuring maximum return on your investment.
Hand pump with hose allows operation from a distance, which enhances safety and reduces operator fatigue.

●Use with 2 or 3 jaws.
●High quality, forged steel jaws and crosshead provide superior reliability and service.
●Precise hydraulic control allows fast, efficient and safe pulling.
●High force hydraulic system for effortless pulling of large components.
●More efficient pulling, as one man can do the job where manual pullers often require two operators.
●Spring loaded live centering cone.



Model	Out put (Ton)	Spread (mm)	Max Reach (mm)	Ram stroke (mm)	Dimensions(mm)						Pump model	Weight (Kg)	Packing size (cm)
					E	F	G	A	B	C			
HHL-5F	5	200	140	50	45	23	106	12.5	22.5	26	HHB-700C	10.2	48×26×13
HHL-10F	10	250	170	60	56	26	97	14	30	30	HHB-700	12.9	48×26×13
HHL-20F	20	350	205	70	78	33	105	21	33.5	33	HHB-700	15.7	48×20×18
HHL-30F	30	400	220	70	90	38	103	26	36	35	HHB-700	33	52×25×22
HHL-50F	50	500	250	60	114	48	117	25	46	40	HHB-700	37.8	52×25×22

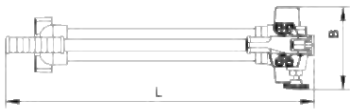
Hand Operated Hydraulic Pump

Characteristics:

Working pressure 700 bar

One-way for single-acting applications.

- ●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 1.8-meter length high pressure hose, R2 3/8 quick coupler and dust cap.



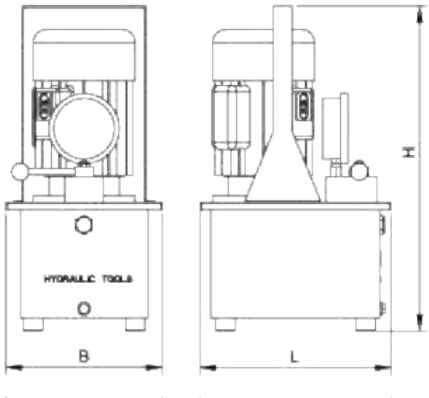
Model	Working pressure (bar)		Oil displacement per stroke (cm^3)		Reservior (cm^3)		Dimensions (mm)			Packing size (cm)	Weight (Kg)
	Low pressure stage	High pressure stage	Low pressure stage	High pressure stage	Oil capacity	Usable oil capacity	L	B	H		
HHB-700	20	700	13	1.6	1000	700	600	120	200	73×19×19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

Electric Powered Hydraulic Pump, HHB-630A

Characteristics:

Working pressure: 700 bar
Oil reservior: 8 liters
HHB-630A is one-way pump for single-acting applications.

●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.



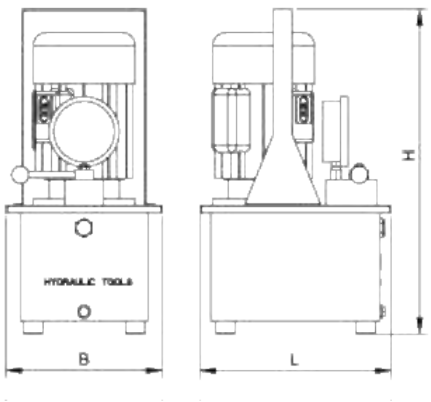
Model	Pump type	Power rating (kw)	Working pressure (bar)		Flow rate (L/min)		Usable oil capacity (liter)	Dimensions (mm)			Packing size (cm)	Weight (kg)
			Low pressure stage	High pressure stage	Low pressure stage	High pressure stage		L	B	H		
HHB-630A	one-way	0.75	20	700	5	0.7	8	305	245	510	37×29×53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

Electric Powered Hydraulic Pump, HHB-630B

Characteristics:

Working pressure: 700 bar
Oil reservior: 8 liters
HHB-630B is two-way for double-acting appliations

●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-630B	two-way	0.75	20	700	5	0.7	8	305	245	510	37×29×53	26

700bar Hoses

Characteristics:

Max working pressure 700 bar, featuring a 4:1 safety factor
Do not exceed 700 bar maximum pressure.
Do not handle hoses which are under pressure.

Hose Oil Capacity
When using greater hose lengths, it is sometimes necessary to fill the pump reservoir after filling the hoses. To determine the hose oil capacity, use the fllowing:
For 6.35mm inside diameter hoses: Capacity(cm³)=32.1699xLength(m)

Picture	Product Name	Product Code
	Rubber Hose	RH_M

Gauges

Characteristics:

Gauges are for monitoring pressure of the hydraulic circuit.

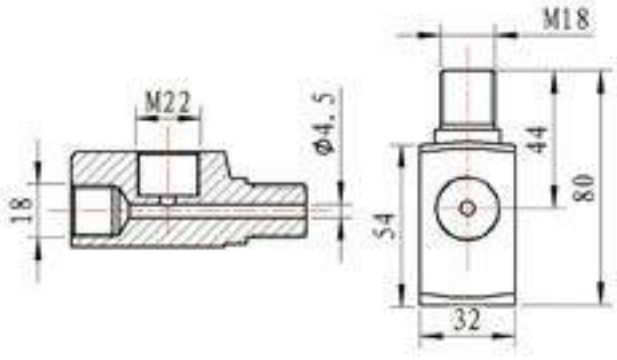
Product Name	Product Code	Gauge Face	Thread
Silicone oil filled pressure gauge	PSI-14500	Ø100mm	M20×1.5
	MPA-1000	Ø60mm	1/4"NPT

Gauges Adaptors

Characteristics:

For easy gauge installation into almost any system, TLP offers a complete line of gauge adaptors.

GA7001



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