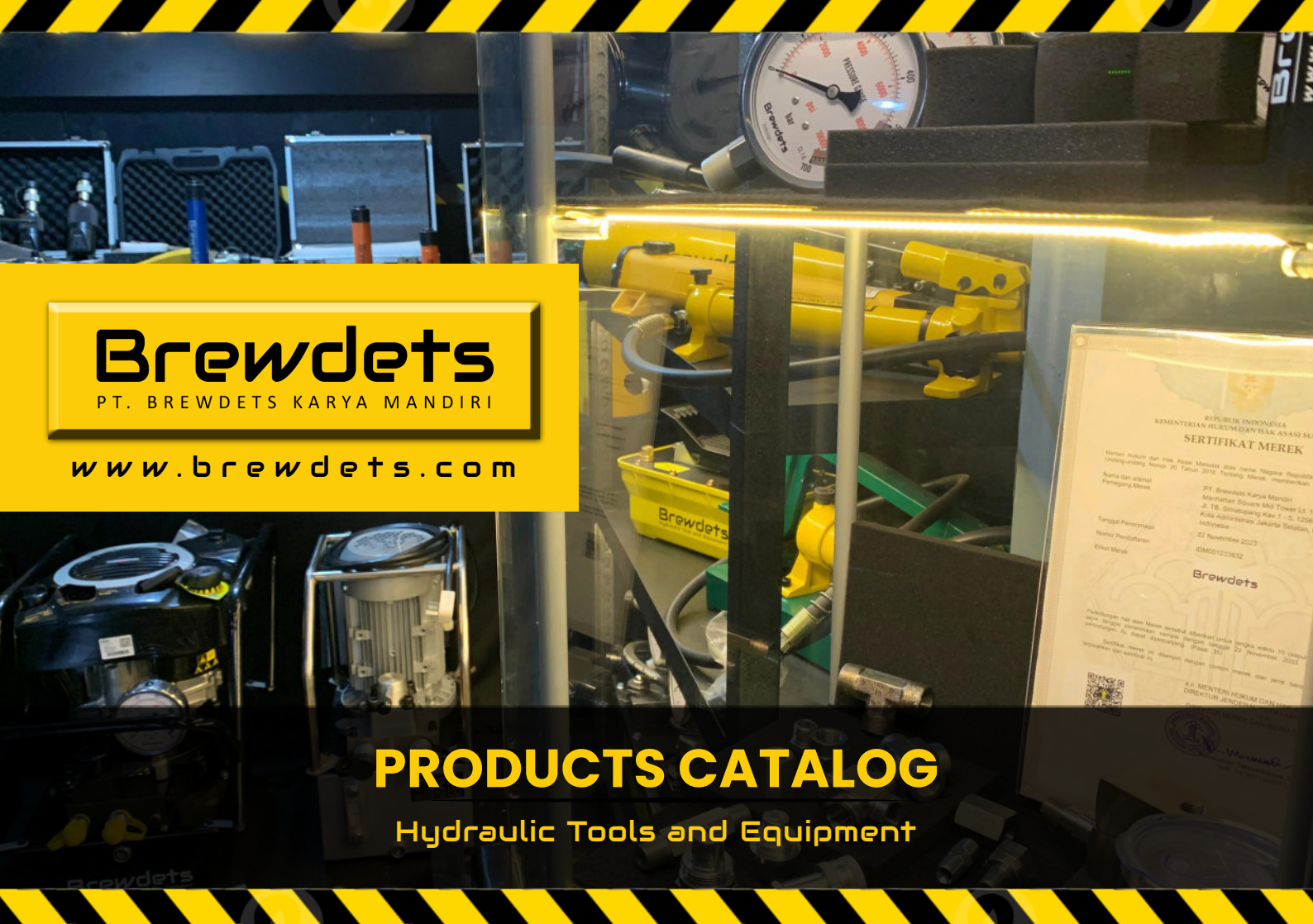


The background of the entire image is a collage of various hydraulic tools and equipment. In the top left, there are several open toolboxes containing different types of hydraulic rams and hoses. In the top right, a pressure gauge with a white face and black markings is visible. In the center, there are yellow hydraulic rams and hoses. In the bottom left, there is a black hydraulic pump unit. In the bottom right, there is a white certificate of registration for the 'Brewdets' brand. The text 'Brewdets' is prominently displayed in a large, bold, black font in the upper left quadrant.

Brewdets

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SINGLE ACTING CYLINDER



- Max. working pressure: 700 Bar;
- Single acting cylinders with heavy duty return springs and are designed to be used in all orientations;
- Base mounting holes along with ram and collar threads enable various installation options;
- Durability is enhanced by using high strength alloy steel;
- Corrosive resistant baked enamel can be upgraded to nickel plating on most models;
- The stop ring avoids the piston rod over-reaching and enables maximum cylinder extension.

Model Number	Cap. (ton)	Stroke (mm)	Collaps. Height (mm)	Extended Height (mm)	Weight (Kg)
RC-50	5	16	41	57	1.0
RC-51		25	110	135	1.0
RC-53		76	165	241	1.5
RC-55		127	215	342	1.9
RC-57		177	273	450	2.4
RC-59	10	232	323	555	2.8
RC-101		26	89	115	1.8
RC-102		54	121	175	2.3
RC-104		105	171	276	3.3
RC-106		156	247	403	4.4
RC-108		203	298	501	5.4
RC-1010		257	349	606	6.4
RC-1012		304	400	704	6.8
RC-1014		356	450	805	8.2
RC-151	15	25	124	146	3.3
RC-152		51	149	200	4.1
RC-154		101	200	401	5.0
RC-156		152	271	423	6.8
RC-158		203	322	525	8.2
RC-1510	25	254	373	627	9.5
RC-1512		305	423	728	10.9
RC-1514		356	474	830	11.8
RC-251		26	139	165	5.9
RC-252		50	165	215	6.4
RC-254		102	215	317	8.2
RC-256		158	273	431	10.0
RC-258		210	323	533	12.2
RC-2510		261	374	635	14.1
RC-2512		311	425	736	16.3
RC-2514	30	362	476	838	17.7
RC-308		209	367	596	18.1
RC-502		51	176	227	15.0
RC-504		101	227	328	19.1
RC-506		159	282	441	23.1
RC-5013	75	337	460	797	37.6
RC-756		156	285	441	29.5
RC-7513		333	492	825	59.0
RC-1006		168	357	525	59.0
RC-10010		260	449	709	72.6

LOW HEIGHT CYLINDER



RCS-series, Low Height Cylinders

- Lightweight, low profile design for use in confined spaces
- Single-acting, spring return
- Baked enamel finish for increased corrosion resistance
- Plunger wiper reduces contamination, extending cylinder life
- CR-400 coupler and dust cap included on all models
- Grooved plunger end with threaded holes for mounting tilt saddles
- Integral handle on RCS-1002 for easy carrying
- Plated steel plungers.

FLAT JACK CYLINDER



RSM-series, Flat-Jac® Cylinders

- Compact, flat design for use where most other cylinders will not fit
- Single-acting, spring return
- RSM-750, 1000 and 1500 have handles for easy carrying
- Mounting holes permit easy fixturing
- Baked enamel finish for increased corrosion resistance
- CR-400 coupler and dust cap included on all models1)
- Hard chrome plated high quality steel plungers
- Grooved plunger ends require no saddle.

Model Number	Cap (ton)	Stroke (mm)	Collaps. Height (mm)	Extended Height (mm)	Weight (Kg)
RSM-50	5	6	32	38	2.3
RSM-100	10	11	43	54	3.1
RSM-200	20	13	51	64	6.8
RSM-300	30	16	58	74	10
RSM-500	50	16	66	82	15
RSM-750	75	16	79	95	25
RSM-1000	100	16	85	101	32
RSM-1500	150	16	100	116	58
RCS-101	10	38	88	126	6
RCS-201	20	45	98	143	11
RCS-302	30	62	117	179	15
RCS-502	50	60	122	182	22
RCS-1002	100	57	141	198	46

Hydraulic Jack Cylinder

HOLLOW CYLINDER



Model Number	Cap. (ton)	Stroke (mm)	Collaps. Height (mm)	Center Hole Dia. (mm)	Weight (Kg)
RCH-120	12	8	55	17.3	1.5
RCH-121		42	120	19.5	2.8
RCH-1211		42	120	17.3	2.8
RCH-123	20	76	184	19.5	4.4
RCH-202		49	162	26.9	7.7
RCH-206		155	306	26.9	14.1
RCH-302	30	64	178	33.3	10.9
RCH-306		155	330	33.3	21.8
RCH-603	60	76	247	53.8	28.1
RCH-606		153	323	53.8	35.4
RCH-1003	100	76	254	79	63.0

- Max. Working Pressure: 700 Bar;
- Single acting cylinders with heavy duty return springs and are designed to be used in all orientations;
- Hollow rod design enables pulling and tensioning;
- Threaded collars enable convenient placement;
- All cylinders above 20 ton have a nickel-plated floating centre tube to increase their working life;
- Coated with corrosive resistant baked enamel.

PANCAKE LOCK NUT CYLINDER



- Max. Working Pressure: 700 Bar;
- Single acting, load return;
- Extremely low profile design for use in confined spaces;
- Supports loads mechanically for extended periods enabling hydraulic pressure release;
- Overflow port prevents the piston rod from over extending;
- Optional synthetic coating for improved corrosion resistance and lower friction for smoother operation to withstand side load forces up to 3% of rated cylinder capacity without scoring is available.

Model Number	Cap. (ton)	Stroke (mm)	Collaps. Height (mm)	Extended Height (mm)	Weight (Kg)
CLP-602	60	50	125	38	15
CLP-1002	100	50	137	54	26
CLP1602	160	45	148	64	44
CLP-2002	200	45	155	74	57
CLP-2502	250	45	159	82	74
CLP-4002	400	45	178	95	134
CLP - 5002	500	45	192	101	189

LOCK NUT JACK CYLINDER



- Max Working Pressure: 700bar;
- Single acting, load return;
- Supports loads mechanically for extended periods enabling hydraulic pressure release;
- Base mounting holes are standard on all models;
- Unique loading design enables it to bear unbalanced loads up to 3% capacity with no damage to the cylinder;
- Over-pressurisation is prevented due to built in safety valves;
- The cylinder piston rod is protected from damage by the interchangeable hardened saddles;
- The stop ring avoids the piston rod over-reaching and enables maximum cylinder extension;
- The dust ring prevents contamination and enhances longer cylinder life ;
- Coated with corrosive resistant baked enamel.

Model Number	Cap. (ton)	Stroke (mm)	Collaps. Height (mm)	Lock Nut Height (mm)	Weight (Kg)
CLL-502	50	50	164	36	15
CLL-504		100	214		20
CLL-506		150	264		25
CLL-508		200	314		30
CLL-5010		250	364		35
CLL-5012		300	414		40
CLL-1002	100	50	187	44	30
CLL-1004		100	237		39
CLL-1006		150	287		48
CLL-1008		200	337		56
CLL-10010		250	387		64
CLL-10012		300	437		73
CLL-1502	150	50	209	44	53
CLL-1504		100	259		66
CLL-1506		150	309		78
CLL-1508		200	359		92
CLL-15010		250	409		104
CLL-15012		300	459		117
CLL-2002	200	50	243	50	83
CLL-2006		150	343		117
CLL-20012		300	493		170
CLL-2502	250	50	249	56	116
CLL-2506		150	349		162
CLL-25012		300	499		234
CLL-3002	300	50	295	60	173
CLL-3006		150	395		233
CLL-30012		300	545		323
CLL-4002	400	50	335	70	250
CLL-4006		150	435		327
CLL-40012		300	585		441
CLL-5002	500	50	375	80	367
CLL-5006		150	475		466
CLL-50012		300	625		617
CLL-6002	600	50	395	85	446
CLL-6006		150	495		562
CLL-60012		300	645		737
CLL-8002	800	50	455	100	709
CLL-8006		150	555		870
CLL-80012		300	705		1110
CLL-10002	1000	50	495	110	949
CLL-10006		150	595		1141
CLL-100012		300	745		1430

Hydraulic Jack Cylinder

HEIGHT TONNASE CYLINDER



- Max Working Pressure: 700 Bar; Single acting, load return;
- Base mounting holes are standard on all models;
- Unique loading design enables it to bear unbalanced loads up to 3% capacity with no damage to the cylinder;
- The cylinder piston rod is protected from damage by the interchangeable hardened saddles;
- The stop ring avoids the piston rod over-reaching and enables maximum cylinder extension;
- The dust ring prevents contamination and enhances longer cylinder life.

Model Number	Cap. (ton)	Stroke (mm)	Collaps. Height (mm)	Extended Height (mm)	Weight (Kg)
CLSG-502	50	50	162	212	17
CLSG-504		100	212	312	20
CLSG-506		150	262	412	23
CLSG-508		200	312	512	27
CLSG-5010		250	362	612	31
CLSG-5012		300	412	712	34
CLSG-1002	100	50	182	232	19
CLSG-1004		100	232	332	29
CLSG-1006		150	282	432	40
CLSG-1008		200	332	532	50
CLSG-10010		250	382	632	61
CLSG-10012		300	432	732	71
CLSG-1502	150	50	196	246	39
CLSG-1504		100	246	346	52
CLSG-1506		150	296	446	65
CLSG-1508		200	346	546	78
CLSG-15010		250	396	646	92
CLSG-15012		300	446	746	105
CLSG-2002	200	50	216	266	55
CLSG-2006		150	316	466	91
CLSG-20012		300	446	746	146
CLSG-2502	250	50	235	285	102
CLSG-2506		150	335	485	136
CLSG-25012		300	485	785	207
CLSG-3002	300	50	312	362	184
CLSG-3006		150	412	562	232
CLSG-30012		300	562	862	303
CLSG-4002	400	50	375	425	270
CLSG-4006		150	475	625	330
CLSG-40012		300	625	925	421
CLSG-5002	500	50	419	469	401
CLSG-5006		150	519	669	480
CLSG-50012		300	669	969	599
CLSG-6002	600	50	429	479	474
CLSG-6006		150	529	679	565
CLSG-60012		300	679	979	701
CLSG-8002	800	50	474	524	741
CLSG-8006		150	574	724	880
CLSG-80012		300	724	1024	1058
CLSG-10002	1000	50	564	614	1062
CLSG-10006		150	664	814	1213
CLSG-100012		300	814	1114	1439

HIGH TONNASE CYLINDER



- Max Working Pressure: 700 Bar;
- These double acting cylinders enable quick retraction and are designed to be used in all orientations;
- Base mounting holes are standard on all models; Tilt saddles are optional;
- Unique loading design enables it to bear unbalanced loads up to 3% capacity with no damage to the cylinder;

Model Number	Cap. (ton)	Stroke (mm)	Collaps. Height (mm)	Ext. Height (mm)	Weight (Kg)
CLRG-502	50	50	162	212	17
CLRG-504		100	212	312	20
CLRG-506		150	262	412	23
CLRG-508		200	312	512	27
CLRG-5010		250	362	612	31
CLRG-5012		300	412	712	34
CLRG-1002	100	50	182	232	19
CLRG-1004		100	232	332	29
CLRG-1006		150	282	432	40
CLRG-1008		200	332	532	50
CLRG-10010		250	382	632	61
CLRG-10012		300	432	732	71
CLRG-1502	150	50	196	246	39
CLRG-1504		100	246	346	52
CLRG-1506		150	296	446	65
CLRG-1508		200	346	546	78
CLRG-15010		250	396	646	92
CLRG-15012		300	446	746	105
CLRG-2002	200	50	216	266	55
CLRG-2006		150	316	466	91
CLRG-20012		300	446	746	146
CLRG-2502	250	50	235	285	102
CLRG-2506		150	335	485	136
CLRG-25012		300	485	785	207
CLRG-3002	300	50	312	362	184
CLRG-3006		150	412	562	232
CLRG-30012		300	562	862	303
CLRG-4002	400	50	375	425	270
CLRG-4006		150	475	625	330
CLRG-40012		300	625	925	421
CLRG-5002	500	50	419	469	401
CLRG-5006		150	519	669	480
CLRG-50012		300	669	969	599
CLRG-6002	600	50	429	479	474
CLRG-6006		150	529	679	565
CLRG-60012		300	679	979	701
CLRG-8002	800	50	474	524	741
CLRG-8006		150	574	724	880
CLRG-80012		300	724	1024	1058
CLRG-10002	1000	50	564	614	1062
CLRG-10006		150	664	814	1213
CLRG-100012		300	814	1114	1439

Hydraulic Jack Cylinder

DOUBLE ACTING JACK CYLINDERS



Model Number	Cap. (ton)	Stroke (mm)	Collap. Height (mm)	Plunger Dia. (mm)	Weight (Kg)
RR-1010	10	254	409	34.9	12
RR-1012		305	457		14
RR-308	30	209	395	54.1	18
RR-3014		368	549		29
RR-506	50	156	331	79.5	30
RR-5013		334	509		52
RR-5020	75	511	733	95.2	68
RR-756		156	347		41
RR-7513	95	333	525	114.3	68
RR-1006		168	357		61
RR-10013	140	333	524	133.4	93
RR-10018		460	687		117
RR-1502	200	57	196	165.1	49
RR-1506		156	385		93
RR-15013	325	333	582	190.5	124
RR-15032		815	1116		238
RR-2006	440	152	430	203.2	147
RR-20013		330	608		199
RR-20018	520	457	765	203.2	204
RR-20024		610	917		279
RR-20036	520	914	1222	203.2	383
RR-20046		1219	1527		483
RR-3006	520	153	485	203.2	200
RR-30012		305	638		312
RR-30018	520	457	790	203.2	385
RR-30024		609	943		469
RR-30036	520	915	1247	203.2	628
RR-30048		1219	1552		780
RR-4006	520	152	538	203.2	303
RR-40012		305	690		399
RR-40018	520	457	843	203.2	453
RR-40024		610	995		597
RR-40036	520	914	1300	203.2	792
RR-40048		1219	1605		980
RR-5006	520	153	577	203.2	432
RR-50012		305	730		589
RR-50018	520	457	882	203.2	680
RR-50024		609	1035		816
RR-50036	520	915	1339	203.2	1002
RR-50048		1219	1644		1224

- Max Working Pressure: 700 Bar;
- These double acting cylinders enable quick retraction and are designed to be used in all orientations;
- Base mounting holes along with ram and collar threads enable various installation options;
- Unique loading design enables it to bear unbalanced loads up to 3% capacity with no damage to the cylinder;

DOUBLE ACTING HOLLOW CYLINDERS



- These double acting cylinders enable fast and controlled retraction;
- The hollow rod design enables pulling and tensioning;
- Threaded collars enable convenient placement;
- Coated with corrosive resistant baked enamel;
- All cylinders have a nickel-plated floating centre tube to increase their working life;
- Cylinder piston rod wiper reduces contamination, extending cylinder life;
- Over-pressurisation is prevented due to built in safety valves.

ULTRA LOW-HEIGHT JACK CYLINDERS



MULTISTAGE JACK CYLINDERS



Model Number	Cap. (ton)	Stroke (mm)	Collap. Height (mm)	Center Hole Dia. (mm)	Weight (Kg)
RRH-307	30	178	330	33.3	21
RRH-3010		258	431		27
RRH-603	60	89	247	53.8	28
RRH-606		166	323		35
RRH-6010	100	257	438	79.2	45
RRH-1001		38	165		33
RRH-1003	150	76	254	146	61
RRH-1006		153	342		79
RRH-10010	300	257	460		106
RRH-1506		203	349		111
RRH-3006		200	400		384

Model	Cap. (ton)	Stroke (mm)	Collap. Height (mm)	Weight (Kg)
RSMB-100	10	25	42	1.5
RSMB-200	20	26	51	2.4
RSMB-300	30	53	58	4.5
RSMB-500	50	64	66	7.0

- Suitable for limited work space;
- Single acting, load return;
- Working pressure: 1500 Bar;
- Up to 2000 Bar for limited times.

Model	Cap. (ton)	Stroke (mm)	Collaps Height (mm)	Weight (Kg)
TC-00510	5	10	30	3.6
TC-01010	10			4.1
TC-02510	25			4.6
TC-05510	50			4.5
TC-10010	100			5.2
TC-12010	120	31	32	5.9
TC-15010	150			8.5
TC-20010	200			9.5

- Max working pressure 700 bar.
- Single acting cylinders with heavy duty return springs and are designed to be used in all orientations.
- These flat cylinders will fit where other cylinders collapsed height will not enable placement.
- Coated with corrosive resistant baked enamel.
- Steel cylinder piston rods are hard chrome plated.
- Saddles are not required due to grooved cylinder piston rod ends.
- The stop ring avoids the piston rod over-reaching and enables maximum cylinder extension.

Hydraulic Jack Cylinder

MECHANICAL JACK



- Very thin, flat design, suitable for restricted places;
- Light weight, portable design are ideal for operating without restriction;
- The material used promotes extended life;
- Lifting height can be adjusted precisely by 0.01mm.

Model	Cap. (ton)	Stroke (mm)	Weight (Kg)
SCM-0525	5	25	1.5
SCM-1025	10	25	2.2
SCM-2005	20	5	1.9
SCM-3005	30	5	2.3
SCM-5005	50	5	3.7

HYDRAULIC TOE JACK



- Complies with ANSI/ASME B30.1, CE/GS standards.
- Designed for lifting loads with very low minimum clearance (foot) or high clearance (head).
- Can be used in confined spaces. Built in safety valve for overload protection.
- Features spring assisted return and over travel protection on 5 and 10 ton models.
- Forged base and cylinder to assure strength.

Model	Cap. (ton)	Claw Cap (ton)	Stroke (mm)	Collapsed Height (mm)	Weight (Kg)
ST-5	5	2.5	110	240	12
ST-10	10	5	147	282	20
ST-20	20	10	152	310	31
ST-30	30	15	155	330	42
ST-50	50	25	155	370	85

HYDRAULIC PULLER CYLINDERS



- High strength alloy steel construction.
- Plunger blow-out protection to prevent over-extension.
- Hard chrome-plated plunger for long life.
- CR-400 coupler and included on all models.
- Baked enamel finish for increased corrosion resistance. 31% Single-acting spring return.

Model	Max. Pressure (bar)	Cap. (ton)	Stroke (mm)	Weight (Kg)
BRC-25	700	2.5	127	1.8
BRC-46		5	140	4.5
BRC-106		10	151	9.5
BRP-106C		10	150	15.3
BRP-106L		10	150	13.3
BRP-306		30	154	63.1
BRP-606		60	153	58.3

TELESCOPIC JACK CYLINDERS



- Max Working Pres 26%: 700 Bar;
- Telescopic Single-acting Cylinders designed for use where there is a minimal clearance for insertion of cylinders and a very high lift is necessary;
- It can be freely used throughout 360°.

Model	Stage *	Cap. (ton)	Stroke (mm)	Weight (Kg)
BRCD-1027	2	10	270	17
	1		135	
BRCD-1043	3	10	435	39
	2		290	
	1		145	
BRCD-1530	2	15	300	26
	1		150	
BRCD-1550	3	15	500	60
	2		340	
	1		170	
BRCD-3030	2	30	300	43
	1		150	
BRCD-3060	3	30	600	106
	2		400	
	1		200	

Hydraulic Pump 700 – 2500 BAR

HYDRAULIC PUMP MANUAL



- Max Working Pressure: 700 Bar;
- Durable glass-filled nylon reservoir and nylon encapsulated aluminium pump base for maximum corrosion resistance;
- Professional choice for a wide range of industrial applications;
- Large oil capacities to power a wide range of cylinder or tools;
- Two-speed pumps provide fast pumping to meet the loading with the cylinder unloaded;
- Internal pressure relief valve for overload protection.

Model	Oil Cap. (cm ³)	Pump Type	Pressure Rating (bar)		Weight (Kg)
			1st Stage	2nd Stage	
SP-142	350	Single-Acting	13	700	2.2
SP-392	901		13	700	4.0
SP-80	2200		34	700	10.9
SP-801	4080		34	700	14.1
SP-462	7423	Double-Acting	14	700	26.2
SP-84	2200		34	700	11.8
SP-841	4080		34	700	14.9
SP-464	7423		14	700	26.2

AIR HYDRAULIC FOOT PUMP



- Built-in safety valve ensuring operating safety against overloading;
- Gauge is oil filled to prohibit shock load damage and includes an external rubber guard for added protection;
- For light and corrosion free purposes;
- The air cylinder and piston are made from 6061-T6 Aluminium Alloy;
- Air exhaust muffler for quieter operation. Air and oil inlet filters for reduced risk of damage from contamination;
- All air pumps are designed to be used with single acting cylinders.

Model	Oil Cap. (cm ³)	Pressure Rating (bar)		Control	Oil Tank Material	Weight (Kg)
		1st Stage	2nd Stage			
160	1670	0-6	700	Foot	Aluminium	8.6
160M	1670	0-6	700	Hand Switch	Aluminium	9.5
230	2296	0-6	700	Foot	Plastic	11.8
450S	4510	0-6	700	Foot, Single Acting	Steel	12.7
450D	4510	0-6	700	Foot, Double Acting	Steel	12.7
700	7248	0-6	700	Foot	Steel	16

ULTRA-HIGH PRESSURE HYDRAULIC HAND PUMP



Model	Working Pressure (MPa)	Outlet Size	Pressure Gauge Outlet	Weight (Kg)
SP-2282	280	G1/4"	G1/2"	6

- It can handle up to 40,000 psi (2800 bar);
- Typical industrial applications include lifting, testing, calibration, maintenance, and repair;
- It provides two speed operation to reduce the number of handle strokes and is lighter than steel equivalents;
- The two-speed operation requires up to 78% fewer handle strokes than single-speed hydraulic hand pumps, and the handle locks into place for secure transport

HYDRAULIC FOOT PUMP



- Rugged, durable and compact;
- Steel frame with steel drawer for maximum stability;
- Foot lock and lightweight construction for easy portability;
- Two-speed operation reduces pedal stroke;
- Large foot pad release valve for controlled load drop;
- Integrated pressure relief valve for overload protection

Model	Pressure Rating (bar)	Material	Weight (Kg)
P-392FP	700	Steel	7
P-400FP	700	Steel	8

Hydraulic Pump 700 – 2500 BAR

ULTRA-HIGH PRESSURE HYDRAULIC HAND PUMP



- Aerospace grade aluminum titanium alloy material makes it light weight, high strength and portable;
- Two stage design with high flow and high pressure. Pressure can be set arbitrarily; Internal pressure relief valve for overload protection. Built-in energy storage mechanism
- ensures stable pressure;
- Special oil tank cover design makes the oil tank has the good sealing property or air permeability, which can make air pressure keep balance inside and outside of the oil tank;
- Can be used in a vertical state when the pump head faces down;
- Double plungers design, high flow in low pressure, small flow in high pressure. Low handle force even at maximum working pressure;

Model	Working Pressure (MPa)	Outlet Size	Pressure Gauge Outlet	Weight (Kg)
P-1000	100	G1/4"	G1/2"	9
P-1500	150	G1/4"	G1/2"	9
P-2000	200	G1/4"	G1/2"	11
P-2500	250	G1/4"	G1/2"	11
P-3000	300	G1/4"	G1/2"	11
P-4000	400	G1/4"	G1/2"	11

ULTRA HIGH PRESSURE HYDRAULIC PUMP ELECTRIC



Model	Power Supply	Max. Working Pressure (bar)	Oil Tank (L)	Weight (Kg)
EPW-1500	380V, 50Hz, 3PH	1500	10	62
	220V, 50Hz, 1PH	1500	5	60
EPW-2500	380V, 50Hz, 3PH	2500	10	62
	220V, 50Hz, 1PH	2500	5	60

ULTRA HIGH PRESSURE PNEUMATIC PUMP



Model	Working Pressure (bar)	Air Pressure (bar)	Outlet Size
TP-150	1500	8	G1/4"
TP-200	2000	8	G1/4"
TP-250	2500	8	G1/4"

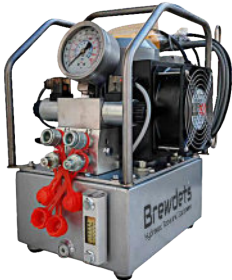
GASOLINE ENGINE HYDRAULIC PUMP



Model	Max. Working Pressure (bar)	Engine Power HP	Reservoir Capacity (L)	Weight (Kg)
PGM-V	700	5.5	30	30
PGM-H				

Hydraulic Pump 700 – 2500 BAR

HYDRAULIC PUMP ELECTRIC TORQUE WRENCH



HYDRAULIC PUMP PNEUMATIC TORQUE WRENCH

Model	PED204	S/N	250417016
Pressure (MPa)	1 st 6	Flow (L/min)	6
	2rd 70		0.8
Max Pressure	70Mpa	Oil Tank	7.6L
Motor	1.1KW	Power	220V/50Hz

Model	Air Source Parameter			Working Pressure			Output Flow			Tank Volume	External Dimension	Weight	Control Mode
	Pressure Bar	Rated Power (kw)	Air Consumption (L/min)	Low Pressure (L/min)	Middle Pressure (L/min)	High Pressure (MPa)	Low Pressure (L/min)	Middle Pressure (L/min)	High Pressure (MPa)	(L)	(mm)	(kg)	
PAD304	4-8	1.3	134	6	32	70	8	1.6	0,8	7.6	428*281*448	21	Wired Remote Control

Hydraulic Pump 700 – 2500 BAR

MANUAL REVERSING HYDRAULIC ELECTRIC PUMP



REVERSING HYDRAULIC ELECTRIC PUMP



Model Number	Pump Station Type	Voltage Power	Working Pressure		Frequency	Tank Volume	Output Port
		(V)/(KW)	Low Pressure (MPa)	High Pressure (MPa)	(HZ)	(L)	
PED206M	Double Acting	220V/1.5 KW	6 (Mpa)	70 (Mpa)	50/60	20L	3/8NPTF
PED206M	Double Acting	220V/1.5 KW	6 (Mpa)	70 (Mpa)	50/60	13L	3/8NPTF

Model Number	Tank Volume	Working Pressure (Mpa)		Oil Outlet Interface
		Low Pressure	High Pressure	
PED211ER	30 L	6 (Mpa)	70 (Mpa)	3/8" -18NPTF

Hydraulic Pump 700 – 2500 BAR



HYDRAULIC ELECTRIC PUMP SYNCHRONOUS LIFTING SYSTEM

Model	Voltage/ VAC	Motor Power/ KW	Oil Tank Capacity/L	Point Quantity	Stroke Sensor Range	Sensor Cable Length	Function
BKM5060LL-4	220	15	60	4	500mm/1000 MM	20M	Prelifting/synchr. lifting/synchr. lowering
BKM7080LL-4	380	22	80	4	500mm/1000 MM	20M	Prelifting/synchr. lifting/synchr. lowering
BKM70100LL-8	380	22	100	8	500mm/1000 MM	30M	Prelifting/synchr. lifting/synchr. lowering
BKM80150LL-8	380	4	150	8	500mm/1000 MM	30M	Prelifting/synchr. lifting/synchr. lowering
BKM80200LL-16	380	4	200	16	500mm/1000 MM	30M	Prelifting/synchr. lifting/synchr. lowering

Hydraulic Pump 700 – 2500 BAR

HYDRAULIC PUMP ELECTRIC 700 BAR



Model	Max. Working Pressure (bar)	Pump Type	Valve Type	Power Supply	Oil Tank Capacity (L)
HE-3SM	700	Single Acting	Manual Valve	220V, 50Hz, 1PH	5
HE-3SS		Single Acting	Solenoid Valve		
HE-3DM		Double Acting	Manual Valve		
HE-3DS		Double Acting	Solenoid Valve		
HE-4SM		Single Acting	Manual Valve	220V, 50Hz, 1PH	10
HE-4DM		Double Acting	Manual Valve		
HE-4DS		Double Acting	Solenoid Valve		
HE-5SM		Single Acting	Manual Valve	220V, 50Hz, 1PH	20
HE-5DM		Double Acting	Manual Valve		
HE-5DS		Double Acting	Solenoid Valve		
HE-6SM		Single Acting	Manual Valve	380V, 50Hz, 3PH	20
HE-6DM		Double Acting	Manual Valve		
HE-6DS		Double Acting	Solenoid Valve		
HE-7SM		Single Acting	Manual Valve	380V, 50Hz, 3PH	40
HE-7DM		Double Acting	Manual Valve		
HE-7DS		Double Acting	Solenoid Valve		
HE-8DM		Double Acting	Manual Valve	380V, 50Hz, 3PH	40
HE-8DS		Double Acting	Solenoid Valve		
HE-9DM		Double Acting	Manual Valve	380V, 50Hz, 3PH	60

Note : Power Supply and Oil Tank Capacity can be Customized

Accessories Hydraulic

HYDRAULIC HOSE HIGH PRESSURE 700 BAR



- For demanding applications, featuring a 4:1 safety factor;
- Applicable temperature: -40°C ~100°C;
- Outside jacket is polyurethane, to provide maximum abrasion resistance;
- Both ends of hydraulic hose with NPT3/8 thread;
- Exhibits low volumetric expansion under pressure to enhance overall system efficiency;
- Supporting the use of hydraulic cylinders, hydraulic pullers, hydraulic flange tools, hydraulic torque wrenches, nut splitters and is also suitable for other 700bar pressure hydraulic tools.

Model	Max. Working Pressure (bar)	Length (m)	End Fitting	Weight (Kg)
HX-6-2SP-2	700	1.8	CH604	1.0
HX-6-2SP-3		3		1.5
HX-6-2SP-5		5		2.5
HX-6-2SP-6		6		3
HX-6-2SP-10		10		5
HX-6-2SP-15		15		7

HYDRAULIC COUPLERS HIGH PRESSURE 700 BAR



Model	Male P/N	Female P/N	Thread
KMC-604	BKMCH-604	BKMCR-400	NPT3/8"
KMA-603	BKMAH-603	BKMAR-603	NPT1/4"

HYDRAULIC COUPLERS ULTRA HIGH PRESSURE 1000 BAR - 2800 BAR



- Ultra high pressure hydraulic couplers can be matched with hydraulic bolt tensioner, hydraulic nut, ultra high pressure cylinder and other hydraulic tools;
- High flow, high pressure resistance, each hydraulic coupler equipped with dust cap;
- Optimized valve core design to ensure high flow and high sealing reliability;
- Max. working pressure: 150MPa, 250MPa

Model	Male P/N	Female P/N	Thread
KMYJ-150	BKMYJA-150	BKMYJC-150	G1/4"
KMYJ-250	BKMYJA-250	BKMYJC-250	G1/4"

- Quick couplers can be matched with hydraulic cylinder, hydraulic flange tools, hydraulic puller and other hydraulic tools.
- High flow, high pressure resistance. Each hydraulic coupler set is equipped with dust cap.
- Base of the male coupler is galvanized.
- Optimized valve core design to ensure high flow and high sealing reliability.
- Max. working pressure: 700bar.

HYDRAULIC HOSE ULTRA HIGH PRESSURE 1000 BAR - 2800 BAR



- Four layer design, including two high strength steel wire braids;
- Outside jacket is polyurethane to provide maximum abrasion resistance;
- Low volumetric expansion under pressure to enhance overall system efficiency;
- Crimped-on rubber strain relief for improved life and durability on all models.

Model	Max. Working Pressure (bar)	End Fitting	Length (m)
JH-7418	1000	1/4" NPT	1.8
JH-7430			3.0
JH-7445			4.5
JH-7460			6.0
JH-7490			9.0
JH-74120			12.0
JH-7818	1800	3/8" NPT	1.8
JH-7830			3.0
JH-7845			4.5
JH-7860			6.0
JH-7890			9.0
JH-78120			12.0
JH-8430	2800	G1/4"	3.0
JH-8460			6.0
JH-8490			9.0
JH-9430			3.0
JH-9460			6.0
JH-9490			9.0

HYDRAULIC PRESSURE GAUGE

700 BAR - 250 BAR



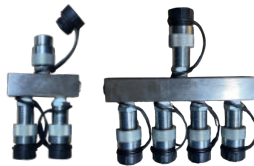
- Pointer type pressure gauge: calibrated with dual scale reading for pressure and force in psi and MPa or psi and bar;
- Stainless steel outer case, anti-impact surface design, with good safety and durability;
- External thread of gauge adaptor is connected with cylinder and pump station, female thread is connected with hose and pressure gauge.

GAUGE ADAPTOR



Model	Gauge Connector Thread (NPTF)	Male End Thread (NPTF)	Female End Thread (NPTF)
GA-2	1/2"	3/8"	3/8"
GA-3	1/4"		

HYDRAULIC MANIFOLD



Model	Max. Working Pressure (bar)	No. Of Outlets	Thread
A-2	700	2	NPT3/8"
A-4		4	
A-6		6	
A-8		8	
A-10		10	
A-21		2	
A-41		4	

HYDRAULIC CONTROL VALVE

Model	Photo
Needle Valve V-82 V-182 V-8F	
Check Valve V-42	
Manual Check Valve V-66 V-66NV V-66F	

HYDRAULIC MANIFOLD

Model	Products Name	
FZ-1616	Street Elbow	
	From 3/8"NPT Male To 3/8"NPT Female	
FZ-1615	Reducing Connector	
	From 3/8"NPT Female To 1/4"NPT Female	
FZ-1625	From 1/2"NPT Female To 3/8"NPT Female	
FZ-1608	Hexagon Nipple	
	Form: 1/4"NPT To: 1/4"NPT	
FZ-1619	3/8"NPT	
FZ-1617	3/8"NPT	
FZ-1614	Coupling	
	Form: 3/8"NPT To: 3/8"NPT	
FZ-1605	1/4"NPT	
FZ-1613	Cross	
	From 3/8"NPT Male To 3/8"NPT Female	
FZ-1612	Tee	
	Form: 3/8"NPT To: 3/8"NPT	
FZ-1637	1/4"NPT	
FZ-16312	3/8"NPT	
FZ-1610	Elbow	
	Form: 3/8"NPT To: 3/8"NPT	
FZ-1638	1/4"NPT	
FZ-1630	Reducer	
	Form: 3/8"NPT To: 1/4"NPT	
BFZ-1630	1/4"NPT	
BFZ-16301	3/8"NPT	
BFZ-16411	Adaptor	
	Form: G1/4" To: 1/4"NPT	
BFZ-16421	G1/4"	
BFZ-16323	G3/8"	
BFZ-16324	G3/8"	
BFZ-16322	Adaptor	
	Form: M14X1.5 To: 3/8"NPT	
FZ-1055	1/4"NPT	
FZ-1842	1/4"NPT	
FZ-1834	1/2"NPT	

HEAVY DUTY ROLLER SKATES



- The cargo trolleys can be used with roller crowbar or a jack.
- Perfect solution for indoor transport.
- Safe and effortless.
- Anti-slip countertop, alloy steel disc design, can rotate 360 degrees.

Model	Dimensions (L*W*H) (mm)	Max. Load (ton)	Normal Load (ton)	Weight (Kg)
CRA-4	280*215*110	6	4	13.5
CRA-6	380*215*110	8	6	20
CRA-8	475*220*110	12	8	27.5
CRA-9	380*300*110	15	8	28.5
CRA-12	475*300*110	18	12	37
CRA-16	490*390*110	24	16	52
CRA-20	590*390*110	30	20	68
CRA-25	590*480*110	36	25	82

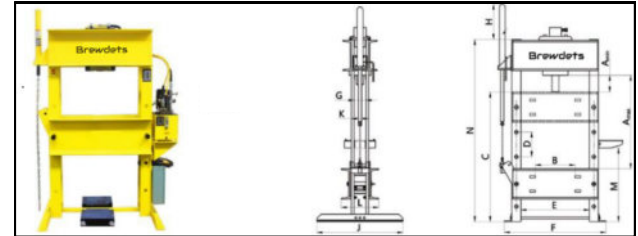
HYDRAULIC LIFTING JACK



- Rugged wear-resistant heavy-duty structure extends its service life;
- All-round wheels for easy transport and placement;
- Electric drive mode, working capacity range 50-200T, suitable for various high-intensity operations;
- Adjustable handle can be adjusted in three directions for easy transport and tilt angle adjustment;
- Auxiliary ram to increase the collapsed height, significantly increase the lifting height, without need of support pad.

Model	Pump Type	Cap. (ton)	Stroke (mm)	Closed Height (mm)
RJI-5013	Electric motor	50	330	535
RJI-5020		50	508	759
RJI-10013		100	330	549
RJI-10018		100	457	713

HYDRAULIC WORKSHOP PRESS



- Heavy-duty welded frame to enhance the strength and durability;
- Standard power sources and hydraulic cylinders to ensure high performance and barrier-free operation;
- All Presses are equipped with heavy-duty rubber hose to ensure long service life;
- 25T, 50T and 100T Presses are equipped with turbine and vortex rod lifting devices, and can be safely and easily adjusted;
- Max. working pressure is 70Mpa.

Model	Capacity (ton)	Max. Daylight (mm)		Cylinder Stroke	Weight (Kg)
		Vertical	Horizontal		
VLP-106P142	10	430	435	155	49.0
VLP-106PAT1					54.0
VLP-256P392	25	1225	510	159	165.0
VLP-256PAT1					170.0
VLP-506P802	50	993	990	159	595.0
VLP-506ZE5S					155
VLP-506ZE5C				168	675.0
VLP-5013ZE5S					155
VLP-1006ZE3C	100	989	990	333	660.0
VLP-1006ZE3S					700.0
VLP-10013ZE3S				333	962
VLP-20013ZE4S	200	1340	1220		970
					993
					1992

Hydraulic Tools & Equipment

HYDRAULIC PULLERS MASTER PULLER SET



HYDRAULIC PULLERS GRIP PULLER SET



- Precise hydraulic control allows fast, efficient, and safe puller;
- High quality, forged steel components provide superior reliability and service.

HYDRAULIC PULLERS CROSSING BEARING PULLER SET



Capacity (ton)	8	20	30	50
Model	BHP-1752	BHP-2751G	BHP-3751G	BHP-5751G
Weight of the Set (Kg)	37	90	172	298
Hand Pump	B-P392	B-P392	B-P392	B-P392
Hydraulic Cylinder	B-RCH121	B-RCH202	B-RCH302	B-RCH603
Saddle	-	HP-2015	HP-3015	HP-5016
Hose (m)	1.8	1.8	1.8	1.8
Pressure Gauge	✓	✓	✓	✓
Gauge Adaptor	✓	✓	✓	✓
Included Pullers	BHP-1762	BHP-252	BHP-352	BHP-552
	BHP-1772	BHP-262	BHP-362	BHP-562
	BHP-180	BHP-280	BHP-380	BHP-580
	BHP-181	BHP-282	BHP-382	BHP-582

- Supplier with a full hydraulic set including pump, hose, cylinder, gauge, gauge adaptor and wooden case;
- All master puller sets include a Grip Puller, a Cross Bearing Puller, a Bearing Cup Puller and Bearing Puller Attachment;
- High quality, forged steel components provide superior reliability and service;
- Sets include speed crank and adjusting screw for fast contact to work before hydraulic pressure are applied.

Capacity (ton)	8	20	30	50
Model	BHP-152	BHP-251G	BHP-351G	BHP-551G
Weight of the Set (Kg)	22	56	91	160
Hand Pump	B-P392	B-P392	B-P392	B-P392
Hydraulic Cylinder	B-RCH121	B-RCH202	B-RCH302	B-RCH603
Saddle	-	HP-2015	HP-3015	HP-5016
Hose (m)	1.8	1.8	1.8	1.8
Pressure Gauge	✓	✓	✓	✓
Gauge Adaptor	✓	✓	✓	✓
Grip Puller	BHP-1762	BHP-252	BHP-352	BHP-552
Max. Spread (mm)	2 Jaws	249	400	593
	3 Jaws	249	499	800
	2 Jaws	252	300	387
	3 Jaws	252	300	387
Reach (mm)	Thick	15	20	24
Adj. Screw (mm)	Width	23	27	38
	Thred	3/4" - 16UNF	1" - 8UNC	1-1/4" - 7UNC
	Leng	400	675	795
	Thred	5/8"-18"2	5/8"-18"2	1-1/4"-12"38

Capacity (ton)	8	20	30	50
Model	BHP-162	BHP-261G	BHP-361G	BHP-561G
Weight of the Set (Kg)	26	62	121	185
Hand Pump	B-P392	B-P392	B-P392	B-P80
Hydraulic Cylinder	B-RCH121	B-RCH202	B-RCH302	B-RCH603
Saddle	-	HP-2015	HP-3015	HP-5016
Hose (m)	1.8	1.8	1.8	1.8
Pressure Gauge	✓	✓	✓	✓
Gauge Adaptor	✓	✓	✓	✓
Cross Bearing Puller	BHP-1772	BHP-262	BHP-362	BHP-562
Max. Spread (mm)	Max.	266	351	454
	Min.	106	139	179
Reach (mm)	Max.	462	571	711
Adj. Screw (mm)	Dia.	3/4" - 16UNF	1" - 8UNC	1-1/4" - 7UNC
	Length	400	675	795
Rod (mm)	Length	105	239	203
	Length	354	419	457
	Length	-	571	711
	Length	-	114	-
Rod Upper End	Thread	3/4"-16"2	3/4"-16"2	1-1/4"35
Rod Lower End	Thread	5/8"-18"2	5/8"-18"2	1-1/4"12"38
Bearing Cup Puller	BHP-180	BHP-180	BHP-380	BHP-580
Bearing Puller	BHP-181	BHP-282	BHP-382	BHP-582

- Precise hydraulic control allows fast, efficient, and safe puller;
- High quality, forged steel components provide superior reliability and service;
- Full set includes: hollow cylinder, hand pump, hydraulic hose, pressure gauge and gauge adaptor.

Hydraulic Torque Wrench

TYPE SQUARE DRIVE OR SOCKET

Rotatable tubing joint
360°180 rotatable tubing joint

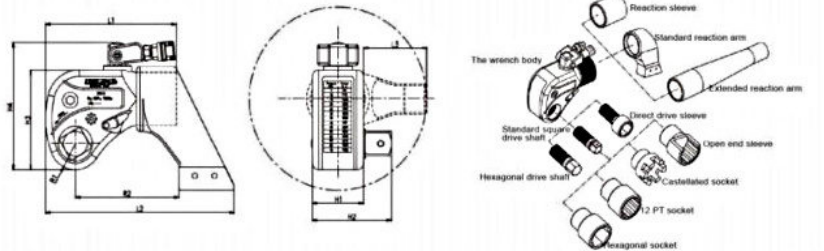
Integrated molding body
high strength, strong toughness

Trigger Button

Reaction arm can be used at any angle

Quick connector
Anti loosening quick connector ensure
smooth oil circuit

Hydraulic Pump
Available



Hydraulic bolting tools - Driven type hydraulic torque wrench - Technical Parameters

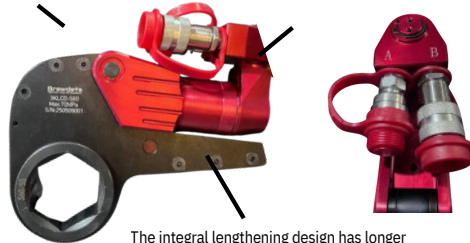
Model	1MXT D	2MXTD	3MXT D	5MXT D	8MXT D	10MXT D	15MXTD	20MXTD	25MXTD	35MXTD	45MXTD	50MXTD	95MXTD
Torque(Nm)	185 1852	302 3017	436 4364	779 7790	1072 10715	1553 15528	2050 20501	2617 26171	3493 34928	4963 49627	6139 61386	7032 70315	14085 140848
Weight(kg)	2.7	3.6	4.8	8.8	12	14.5	19	25	37.5	44	63	89	155
L1(mm)	138	149	168	207	226	250	281	304	331	390	397	418	520
L2(mm)	194	213	244	296	326	366	402	442	483	558	570	596	758
L3(mm)	63	70	79	99	110	120	132	146	158	177	188	195	246
H1(mm)	50	60	70	80	90	100	112	120	138	150	163	166	210
H2(mm)	73	87	99	124	133	143	165	183	202	219	226	236	307
H3(mm)	96	111	125	152	170	186	208	226	250	282	295	300	415
H4(mm)	140	157	165	193	211	227	249	267	291	323	360	366	473
R1(mm)	26	29	34	40	46	50	56	60	66	77	79	82	115
R2(mm)	107	112	132	162	178	199	218	240	260	298	303	325	400
square drive	3/4"	1"	1"	1-1/2"	1-1/2"	1-1/2"	2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	4"

Note: The selection of the product depends on bolt tightening and disassemble torque values, which will vary according to the bolt diameter, material, operation conditions and equipment manufacturer requirements. The torque value range in the above table is for reference only. Please refer to the pressure/torque comparison table delivered with the actual output torque value. Parameters in the table are subject to change without prior notice.

Hydraulic Torque Wrench

The check pawl is designed to overcome the ratchet wheel reversing of the wrench improve work efficiency and torque accuracy

360°270 swivel joint allows free operation with no space limitation



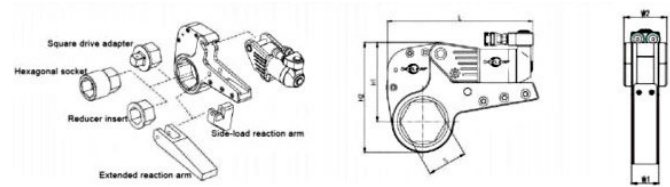
The integral lengthening design has longer supporting arm and higher reliability

Hollow design, the wrench directly acting on nuts, more accurate torque, more convenient to use



Hydraulic Pump Available

TYPE RATCHET OR CASSETTE



Hydraulic Bolting Tools - Hollow Hydraulic Wrench - Technical Parameters

Model	2KLC D	3KLC D	4KLCD	8KLCD	14KLCD	18KLCD	20KLCD	30KLCD	40KLCD	45KLCD	60KLCD
Torque(Nm)	237 2370	345 3446	546 5458	1055 10550	1848 18484	2481 24814	2909 29089	4231 42311	5209 52088	6057 60566	8581 85810
Nut Range (mm)	36-55	36-60	46-80	46-105	70-115	80-120	90-130	90-145	120-145	130-155	135-180
Weight of Power head (kg)	0.8	0.8	1.9	4.2	6.8	8.1	10.5	12.7	15.2	16.3	23
Weight of working head (kg)	1.5	1.7	3.6	7.6	12.2	19.3	22.3	32.3	47.5	58.7	75
L(mm)	192	218	266	324	382	404	427	479	479	486	514
H1(mm)	105	118	139	171	205	229	240	268	285	311	336
W1(mm)	147	156	167	198	231	255	265	289	302	352	375
H2(mm)	32	32	42	53	64	68	70	85	98	105	117
W2(mm)	50	50	66	83	99	105	110	132	148	160	117

Note: The selection of the product depends on bolt tightening and disassemble torque values, which will vary according to the bolt diameter, material, operation conditions and equipment manufacturer requirements. The torque value range in the above table is for reference only. Please refer to the pressure/torque comparison table delivered with the actual output torque value. Parameters in the table are subject to change without prior notice.

Electric - Pneumatic and Cordless Torque Wrench

ELECTRIC TORQUE WRENCH



CORDLESS TORQUE WRENCH



PNEUMATIC TORQUE WRENCH



CORDLESS TORQUE WRENCH

Model	Torque Range (Nm)	Square	Max. Speed (rpm)	Weight (Kg)
SEW-08S	100-800	3/4"	24	6.7
SEW-12S	200-1200	1"	20	6.8
SEW-26S	400-2600	1"	8	8.6
SEW-38S	500-3800	1 1/2"	5	9.2
SEW-60S	1000-6000	1 1/2"	4	16.0
SEW-80S	1200-8000	1 1/2"	2	18.0
SEW-100S	1800-10000	1 1/2"	2	18.2
SEW-120S	2000-12000	1 1/2"	1.5	18.4

Model	Torque Range (Nm)	Square	Max. Speed (rpm)	Weight (Kg)
SEW-08A	100-800	3/4"	24	7.8
SEW-12A	200-1200	1"	20	8.0
SEW-26A	400-2600	1"	8	9.6
SEW-38A	500-3800	1 1/2"	5	10.0
SEW-60A	1000-6000	1 1/2"	4	17.0
SEW-80A	1200-8000	1 1/2"	2	19.0
SEW-100A	1800-10000	1 1/2"	2	19.2
SEW-120A	2000-12000	1 1/2"	1.5	19.5

Model	Torque Range (Nm)	Square	Max. Speed (rpm)	Weight (Kg)
SPW-05SS	100-500	3/4"	50	4.0
SPW-10SS	150-1000	3/4"	28	4.8
SPW-15SS	200-1500	1"	21	5.2
SPW-20SS	300-2000	1"	15	5.5
SPW-30SS	500-3000	1"	10	7.5
SPW-40SS	700-4000	1 1/2"	7	9.5
SPW-60SS	1000-6000	1 1/2"	5	14.0
SPW-80SS	2000-8000	1 1/2"	4	18.0

Model	Torque Range (Nm)	Square	Max. Speed (rpm)	Weight (Kg)
BEW-05	100-500	3/4"	26	4.3
BEW-10	130-1000	3/4"	18	4.8
BEW-15	180-1500	1"	8	5.2
BEW-20	250-2100	1"	6	5.5
BEW-30	480-3100	1"	3.5	7.5
BEW-40	650-4000	1"	3.2	9.5
BEW-50	850-5000	1 1/2"	2.5	10.0
BEW-60	1100-6000	1 1/2"	1.8	12.0
BEW-80	1900-8000	1 1/2"	1.5	14.0

Bolt Tensioner

Maximum Operating Pressure

21,750 psi

TYPE SPRING RETURN



Model	Thread		Max. Tension Force kN	Max Stroke mm
	Metric	Inch		
ST-1	M24	1	282	8
	M27	1-1/8		
ST-2	M24	1	452	10
	M27	1-1/8		
	M30	1-1/8		
	M33	1-1/4		
	M36	1-3/8		
ST-3	M39	1-1/2	671	
	M42	1-5/8		
	M45	1-3/4		
	M48	1-7/8		
ST-4	M39	1-1/2	1009	
	M42	1-5/8		
	M45	1-3/4		
	M48	1-7/8		
ST-5	M52	2	1538	
	M56	2-1/4		
	M60	2-3/8		
	M64	2-1/2		
	M68	2-3/4		
ST-6	M72	2-1/2	2544	12
	M76	2-3/4		
	M80	3-1/4		
	M85	3-3/8		
	M90	3-1/2		
ST-7	M90	3-1/2	3216	
	M95	3-3/4		
	M100	4		

Maximum Operating Pressure

21,750 psi

TYPE LOAD RETURN



Model	Thread		Max. Tension Force kN	Weight (Kg)
	Metric	Inch		
HLD-1	16		226	3.5
	18	3/4		
	20			
	22	7/8		3.0
	24	1		
	27	1 1/8		
HLD-2	30		455	5.0
	33	1 1/4		
	36	1 3/8		
	39	1 1/2		
HLD-3	39	1 1/2	803	9.0
	42	1 5/8		
	45	1 3/4		
	48	1 7/8		
	52	2		
HLD-4	48	1 7/8	1288	15.0
	52	2		
	56	2 1/4		
	60			
	64	2 1/2		
HLD-5	64	2 1/2	1978	25.0
	68			
	72	2 3/4		
	76	3		
	76	3		
HLD-6	80		2717	44.0
	85	3 1/4		
	90	3 1/2		
	95	3 3/4		40.5
	100	4		
	105	4 1/8		
HLD-7	110	4 1/4	3841	76.0
	120	4 3/4		71.0
	125	5		

FLANGE SPREADER



- Max Working Pressure: 700 Bar;
- For maintenance, commissioning, shutdowns, testing and valve change outs;
- No need for hammers, chisels, slings or chain blocks;
- Requires very small access gap of only 6 mm;
- Both mechanical and hydraulic options available.

Model	Max. Force (ton)	Tip Clearance (mm)	Max. Spread (mm)	Weight (Kg)
FSM-8	8	6	81	6.5
FSM-16	8x2	6	81	13.0
FSH-14	14	6	81	7.0
FSH-28	14x2	6	81	14.0

15 TON INTEGRAL HYDRAULIC FLANGE SPREADER



- Portable and compact design;
- No need extra hose and pump

Model	Max. Force (ton)	Tip Clearance (mm)	Max. Spread (mm)	Weight (Kg)
FSC-15	15	6	81	10

14 TON MECHANICAL FLANGE SPREADER



- Removable handle for improved access;
- No finger pinch-points;
- Practical, portable and light in weight;
- Increased step depth on upper steps.

Model	Max. Force (ton)	Tip Clearance (mm)	Max. Spread (mm)	Weight (Kg)
FSW-14TM	14	6	103.5	13

24 TON EXTERNAL HYDRAULIC FLANGE SPREADER



- Requires access gap of only 6mm;
- Increased step depth on upper steps;
- Rapid assembly and disassembly;
- Working pressure: 700bar

Model	Max. Force (ton)	Tip Clearance (mm)	Max. Spread (mm)	Weight (Kg)
FSW-25TM	24	6	103.5	15

24 TON INTEGRAL HYDRAULIC FLANGE SPREADER



- Working Pressure: 700 bar;
- Practical, portable, and light in weight;
- Requires access gap of only 6mm;
- No need extra hose and pump;
- Rapid disassembly and assembly

Model	Max. Force (ton)	Tip Clearance (mm)	Max. Spread (mm)	Weight (Kg)
FSW-25TI	24	6	103.5	14

HYDRAULIC WEDGE AND SPREAD CYLINDER



- Single acting, spring return;
- WR-15: For long stroke spreading applications;
- WR-13: Integrated pump offers portable power;
- WR-5: For use very confined work area

Model	Cap. (ton)	Tip Clearance (mm)	Oil Cap. (cm³)	Weight (Kg)
WR-5	24	9/94	10.0	2.3
WR-15	0.75	32/292	64.1	11.3
WR-13	1.5	25/94	-	12.0

HYDRAULIC FLANGE SPREADER



- Compact and ergonomic design, easy to use;
- Adjustable jaw widths from 70mm to 216mm for a wide range of applications;
- Single-acting, spring return cylinders for fast, trouble-free operation.

Model	Stud Size (mm)	Cap. (ton)	Stroke (mm)	Weight (Kg)
FS-56	19-28	5	38	11.5
FS-109	31-41	10	54	18.0

VERTICAL LIFTING WEDGE



- Max Working Pressure: 700 Bar;
- Min installation space 10mm;
- Capacity is 16 ton @ 700 Bar;
- Every step can bear full load;
- Vertical lifting;
- Unique chain lock wedge shape design;
- Single acting, spring return;
- Including safety block SB-2.

Model	Max. Lifting Cap (ton)	Min. Width (mm)	Max. Spread (mm)	Weight (Kg)
LW-16	16	10	81	9.0

Torque Multiplier & Nut Splitter / Cutter

Z TYPE MANUAL TORQUE MULTIPLIER



L TYPE MANUAL TORQUE MULTIPLIER



- Ideal for nut dimension application in confined space, light weight and easy handling;
- Planetary gear train multipliers torque output;
- Reaction foot can adjust to replace all types of impact sockets in 360° degrees;
- Applicable to a variety of large diameter bolt nut;
- Customized orders are welcomed according to individual requirements.

Model	Torque Range (Nm)	Nut A/F Size	Bolt Dia.	Weight (Kg)
10-W	1000	S30-46	M20-30	2.6
20-W	2000	S32-55	M22-36	3.9
35-W	3500	S46-70	M30-45	5.5
55-W	5500	S55-80	M36-52	7.5
75-W	7500	S65-90	M42-60	10.0
100-W	10000	S80-105	M52-72	17.0

MECHANICAL NUT SPLITTER

- Body carbon steel drop-forged, and chrome plated cr-v steel blade



Model	Nut A/F Size	Weight (Kg)
NT-1	9-12mm	1.6 Kg/ 4 pcs set
NT-2	12-16mm	
NT-3	16-22mm	
NT-4	19-24mm	

INTEGRAL HYDRAULIC NUT SPLITTER



Model	Cap (ton)	Nut A/F Size (mm)	Bolt Diameter
NI-2432	15	24-32	M16-22
NI-3241	20	32-41	M22-27
NI-4150	35	41-50	M27-33

HYDRAULIC NUT SPLITTER



- Compact and ergonomic design, easy to use;
- Unique angled head design:
- Single-acting spring return cylinder:
- Matched with hand pump & hose.

Model	Nut A/F Size (mm)	Cap (ton)	Bolt Dia.	Weight (Kg)
NC-1319	10-19	5	M6-12	1.2
NC-1924	19-24	10	M12-16	2.6
NC-2432	24-32	15	M16-22	4.0
NC-3241	32-41	20	M22-27	5.4
NC-4150	41-50	35	M27-33	10.0
NC-5060	50-60	50	M33-39	17.0
NC-6075	60-75	90	M39-48	34.1

HEAVY DUTY HYDRAULIC NUT SPLITTER



- Single-acting, spring return;
- Tri-blade technology provides three cutting surfaces on a single blade;
- Interchangeable heads provide maximum nut range flexibility;
- Preset scale allows controlled blade extension, which avoids damage to bolt threads;
- Grip tape and handle included for more secure maneuverability;
- Nickel-plated cylinder body for excellent corrosion protection and improved durability in harsh environments;
- Internal pressure relief valve for overload protection.

Model	Nut A/F Size	Cap. (ton)	Bolt Dia.	Weight (Kg)
NS-7080	70-80	103	M45-52	37.0
NS-7085	70-85	103	M45-56	37.0
NS-7095	70-95	103	M45-64	39.0
NS-70105	70-105	103	M45-72	40.0
NS-110115	110-115	103	M76-80	69.0
NS-110130	110-115	103	M76-90	72.0

HYDRAULIC CUTTING TOOLS



- The product is constructed from high-quality carbon steel, ensuring durability and long-lasting performance in demanding applications such as fire and rescue operations.
- This hydraulic steel cutter is designed to handle a variety of tasks, providing users with a versatile solution for cutting and rescue operations.
- With a pressure rating of 72MPa, this machine can generate the necessary force to cut through materials up to 28mm thick, making it the ideal tool for emergency situations.
- The machine has a fast no-load opening time of 30 seconds and a no-load closing time of 25 seconds, allowing users to quickly respond to emergencies.

Model	Working Pressure	No Load Open Time	Weight	Max Open Distance	Max Cutting Capacity	No Load Close Time
KJ-3000K	72MPa	<30s	Approx 17.4Kg	115mm	28mm	<25s



- The tool is integrated with the manual pump, no external power source is required, and the high and low pressure are automatically converted;
- The shearing knife and the manual pump can be rotated 360° with each other, which is suitable for different occasions and orientations;
- The knives are made of regrindable tool steel, which can be cut, expanded and clamped; Lightweight and easy to carry;

Model	Rated Working Pressure	Maximum Shear (Q235 Material)		Shearing Force	Stretching	Expansion Distance	Rated Expansion Force	No Load Opening dan pressing time	No Load Closing dan pressing time	Dimensions
		Steel Plate	Round Steel							
KJI-20CB	63MPa	10mm	20mm	18T	5.5T	160mm	24KN	9 Times	11 Times	L750 x W230 x H490mm

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