



KANAZAWA™

CATALOGUE

HYDRAULICS | MATERIAL HANDLING | LUBRICATING & PUMPS

4TH EDITION

Product of Japan

About Us

Best Solution for Industrial Operations

We are dedicated to providing high-quality products and exceptional customer service to our clients. With years of experience in the industry, we have built a reputation for delivering reliable solutions for material handling, lubricant, and hydraulics needs. Our team of experts works closely with our customers to understand their unique requirements and provide tailored solutions that meet their needs. We are committed to excellence in everything we do and strive to be a trusted partner for all our clients.



The Founder

Kanazawa Hideya

Born and raised in Japan, Kanazawa Hideya, our founder, started his journey in the steel fabrication and design works. Kanazawa Hideya ventured into Singapore in the 1980s when Singapore was still in its developing days. During those days, product quality was taken lightly and there were no strict rules on product qualification standards. Kanazawa Hideya found it difficult to find quality products and faced problem of easily broken down products which cannot be fixed easily. These factors made him determined to create quality products for the market to help those like him in Singapore.

During his time in Singapore, Kanazawa followed closely and stayed updated with Singapore's building and construction development plans. Kanazawa also had strong interests in material handling products under the influence of Japanese brands, which were one of the market leaders for material handling products.

In the 2000s, Kanazawa Hideya was active in the O&G sectors when he got in touch with Hydraulic products. Traditional brands were focused in their product areas and he wasn't able to find reliable brands that provided a complete set of solutions. This motivates Kanazawa to come up with a complete set of solutions in extensive product range



Dream Came True

Established in 2011

For the past decade, Kanazawa built its presence in the Southeast Asia market and focused on product innovations to come up with reliable & durable products. Investments was made on R&D where innovations are targeted to bring product efficiencies to a higher level. Continuous effort was made to stay ahead of the market, and to expand our product range to cater to a wide range of industries in the SEA regions. We understand that while there are common market standards, not every client has the same requirement. Hence, our engineers are trained to be flexible and to provide customized solutions based on their requirements.

Synonymous to the relentless pursue of progress and excellence, Kanazawa strive to think out of the box to overcome challenges and continues bring quality products and innovative solutions to our clients around the world.



Service Center

for Asia Pacific

Additional to Japan, we also have an authorised servicing and repair centre located in Singapore. You can send your products back to us for annual maintenance and servicing which can lengthen the life span of the product.

Free Demo

with Our Experts

Ready to experience a new level of efficiency with Kanazawa's products? Book a FREE product demonstration for Hydraulic products and get a free assessment! We don't only distribute products but we also provide consultations for project solutions to make your workplace more productive, efficient and safe.



Visit our official website for the newest products/
catalogue / Spare Part List / Manuals / Latest
News and Updates

Our Promises

Warranty Statement

Kanazawa Hydraulic products are warranted against defects in material and workmanship for 12 months for hydraulic products, 6 months for Material handling and lubrication equipment. Hoses provided by Kanazawa for use with Kanazawa lubrication equipment are guaranteed for three months. This warranty does not cover wear & tear, abuse, misuse, alterations or the use of improper fluids. Determination of the authenticity of a warranty claim will be made only by Kanazawa or its authorized service centers. Part claims will be repaired or replaced free of charge if upon examination, defective manufacture or materials, not owing to improper use are discovered. The warranty is based on installation and use in accordance with factory recommendations and installation. It does not apply if the equipment has been damaged due to misuse, improper installation, negligence or accident. To qualify for warranty consideration, return the product with clear serial no. indicated to a Kanazawa's service center with your sales invoice. If any product is found to be defective, Kanazawa will either repair or replace such defective product or parts.

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SELECTING THE RIGHT HYDRAULIC TORQUE WRENCH FOR YOU

IBT Series

Shares the same principle as the conventional torque wrench. It works with different sized sockets to fit the nut to be tightened or loosened.

LOW Series

Uses interchangeable cassettes (sometimes referred to as 'links'). This type of tool is commonly used in the oil and gas industry where clearance around the nut is often restricted.

Determine the Size and Torque Range – Choosing the right size and torque output will help to increase productivity for your hydraulic jobs. There is a wide range of drive heads with different maximum torque output to choose from which also covers a certain range of hex sizes. Consult our sales for your hydraulic requirements.

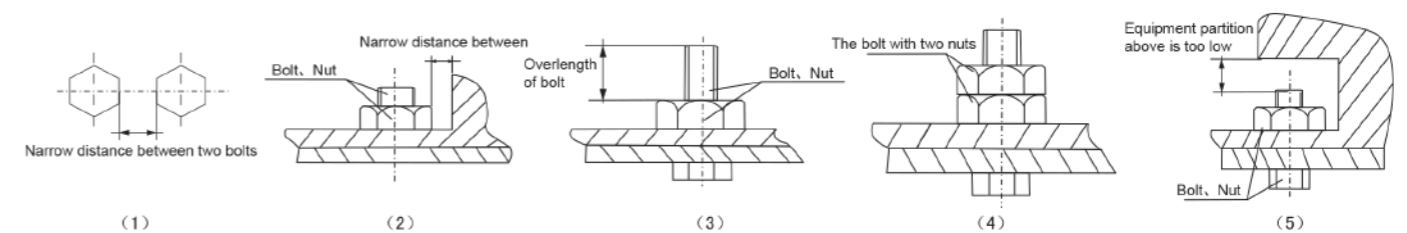
Site Conditions – Not all hydraulic torque wrenches can fit to any complex working environment, especially so if there are tight or limited spaces to work in. Kanazawa's LOW series features slim cassettes suitable for applications with space constraints.

Cassette Choice – You may need to choose specific cassettes to suit various A/F (Across Flat) hex sizes when selecting a low-profile type of torque wrench. There is a wide range of imperial and metric sizes to choose from to suit the drive heads.

Pump Flow Rate – The flow rate of the pump will determine the speed of operation of the hydraulic torque wrench. Hence, choose a pump with a higher flow rate to ensure a high performance from your torque wrench.

Accessories – Accessories can be added to hydraulic torque wrenches to increase the amount of applications they can handle and make bolting jobs safer and more efficient. Some accessories that you may consider include back-up wrench, impact sockets, reducers & holding ring etc.

Below scenarios are some examples where the square driven Torque Wrench cannot be used, and the correct tool usage will be our Low Profile Wrenches.



IBT SERIES SQUARE DRIVE HYDRAULIC TORQUE WRENCH

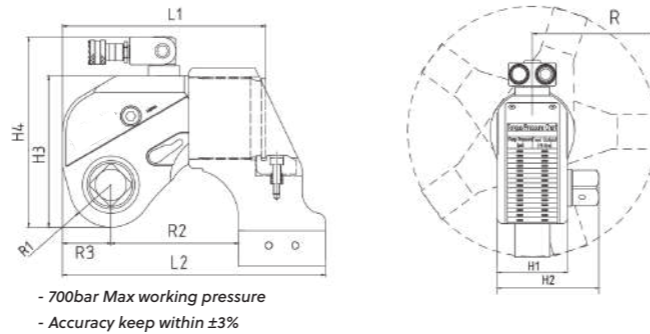
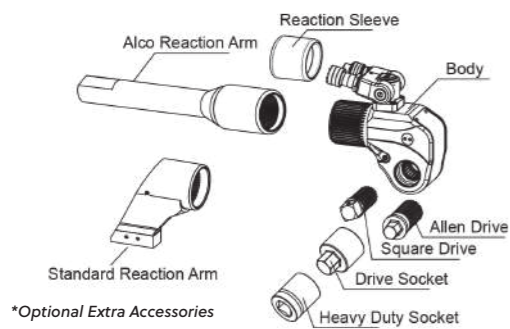
IBT series is the professional hydraulic torque wrench which Kanazawa vigorously extends in international market.

Our Torque wrenches are compact and manufactured with aluminium-titanium alloy which makes our wrenches heavy duty and light-weight.

IBT series has 10 models covering torque range from 112N.m to 72000N.m or the majority of bolt sizes, hence making it one of the most comprehensive range available in the market.

Kanazawa is known for its after-sales service around the world, and our factory for Torque Wrenches is TUV certified.

Stock Code	Model No.	Torque (N.m)	Square Drive	Bolt Size (mm)	Weight (kg)	Size (mm)									
						L1	L2	H1	H2	H3	H4	R	R1	R2	R3
AQ04647	1-IBT	183~1837	3/4"	16~36	2.5	144.5	173.5	50	72	96	131	91.5	26	85	29
AQ04648	3-IBT	450~4500	1"	22~48	5	178	229	68	95	127	176.5	123.5	34	114	40
AQ04649	5-IBT	750~7500	1-1/2"	27~56	8	210.5	270.5	80	123	149	199	140	39	137	46.5
AQ04650	10-IBT	1550~15000	1-1/2"	36~72	15	245.5	317.5	100	142	182	232	178	51	154	58.5
AQ04651	25-IBT	3472~34725	2-1/2"	48~100	35	323	401	137	200	247	297	228	66	199	66



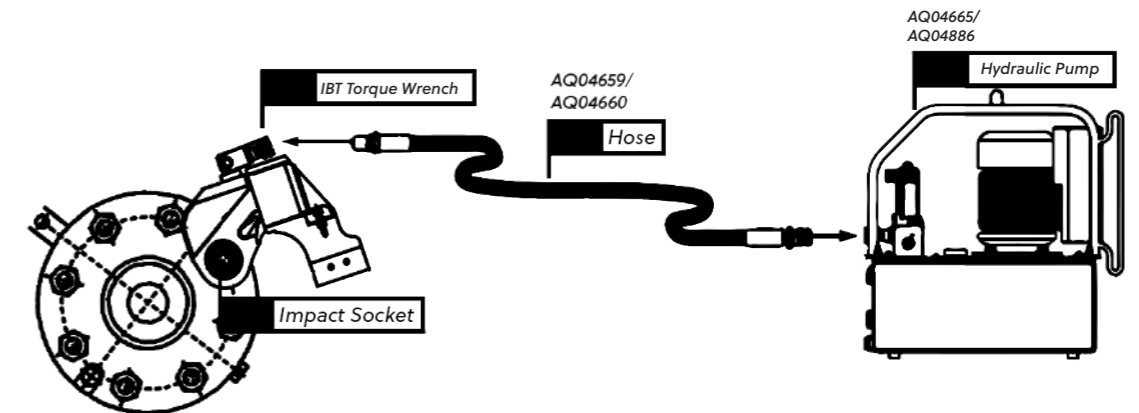
Impact socket excluded

Laser with the pressure-torque table enables convenient operation

The 360 x 180 degree swivel is free to operate with no space limitation

Compact design with the raw material of advanced aluminum-titanium alloy, intensifies the strength and toughness of the fuselage comprehensively

360 degree adjustable reaction arm allows placing in any support point



IBT SERIES HYDRAULIC TORQUE WRENCH PRESSURE

Model Number	07IBT	11BT	31BT	51BT	81BT	101BT	201BT	251BT	351BT	501BT
mpa	N.m	N.m	N.m	N.m	N.m	N.m	N.m	N.m	N.m	N.m
7	112	183	451	752	1078	1551	2666	3472	4866	7200
8	128	209	515	860	1232	1773	3047	3968	5561	8229
9	144	236	580	967	1386	1994	3428	4464	6256	9257
10	160	262	644	1075	1540	2216	3809	4960	6952	10286
11	176	288	709	1182	1694	2438	4190	5456	7647	11314
12	192	314	773	1290	1848	2659	4571	5952	8342	12343
13	208	341	838	1397	2002	2881	4952	6448	9037	13371
14	224	367	902	1505	2156	3103	5332	6945	9733	14400
15	240	393	967	1612	2310	3324	5713	7441	10428	15429
16	256	419	1031	1720	2464	3546	6094	7937	11123	16457
17	272	446	1096	1828	2618	3768	6475	8433	11818	17486
18	288	472	1160	1935	2772	3989	6856	8929	12514	18514
19	304	498	1225	2043	2926	4211	7237	9425	13209	19543
20	320	524	1289	2150	3080	4433	7618	9921	13904	20571
21	336	551	1353	2258	3234	4654	7999	10417	14599	21600
22	352	577	1418	2365	3388	4876	8380	10913	15295	22629
23	368	603	1482	2473	3542	5098	8761	11409	15990	23657
24	384	629	1547	2580	3696	5319	9142	11905	16685	24686
25	400	656	1611	2688	3850	5541	9523	12401	17380	25714
26	416	682	1676	2796	4004	5763	9903	12898	18076	26743
27	432	708	1740	2903	4158	5984	10284	13394	18771	27771
28	448	734	1805	3011	4312	6206	10665	13890	19466	28800
29	464	761	1869	3118	4466	6428	11046	14386	20161	29829
30	480	787	1934	3228	4620	6649	11427	14882	20856	30857
31	496	813	1998	3333	4774	6871	11808	15378	21552	31886
32	512	839	2063	3441	4928	7093	13189	15874	22247	32914
33	528	866	2127	3558	5082	7314	12570	16370	22942	33943
34	544	892	2191	3656	5236	7536	12951	16866	23637	34971
35	560	918	2256	3764	5390	7758	13332	17362	24333	36000
36	576	944	2320	3871	5544	7979	13713	17858	25028	37029
37	592	971	2385	3979	5698	8201	14094	18354	25723	38057
38	608	997	2449	4086	5852	8423	14475	18850	26418	39086
39	624	1023	2514	4194	6006	8644	14855	19347	27114	40114
40	640	1049	2578	4301	6160	8866	15236	19843	27809	41143
41	656	1076	2643	4409	6314	9088	15617	20339	28504	42171
42	672	1102	2707	4516	6468	9309	15998	20835	29199	43200
43	688	1128	2772	4624	6622	9531	16379	21331	29895	44229
44	704	1154	2836	4732	6776	9753	16760	21827	30590	45257
45	720	1181	2900	4839	6930	9974	17141	22323	31285	46286
46	736	1207	2965	4947	7084	10196	17522	22819	31980	47314
47	752	1233	3029	5054	7238	10418	17903	23315	32676	48343
48	768	1259	3094	5162	7392	10639	18284	23811	33371	49371
49	784	1286	3158	5269	7546	10861	18665	24307	34066	50400
50	800	1312	3223	5377	7700	11083	19046	24803	34761	51429
51	816	1338	3287	5484	7854	11304	19427	25299	35456	52457
52	832	1364	3352	5592	8008	11526	19807	25796	36152	53486
53	848	1391	3416	5700	8162	11748	20188	26292	36847	54514
54	864	1417	3481	5807	8316	11969	20569	26788	37542	55543
55	880	1443	3545	5915	8470	12191	20950	27284	38237	56571
56	896	1469	3610	6022	8624	12413	21331	27780	38933	57600
57	912	1496	3674	6130	8778	12634	21712	28276	39628	58629
58	928	1522	3738	6237	8932	12856	22093	28772	40323	59657
59	944	1548	3803	6345	9086	13078	22474	29268	41018	60686
60	960	1574	3867	6452	9240	13299	22855	29764	41714	61714
61	976	1601	3932	6560	9394	13521	23236	30260	42409	62743
62	992	1627	3996	6668	9548	13743	23617	30756	43104	63771
63	1008	1653	4061	6775	9702	13964	23998	31252	43799	64800
64	1024	1679	4125	6883	9856	14186	24378	31749	44495	65829
65	1040	1706	4190	6990	10010	14408	24759	32245	45190	66857
66	1056	1732	4254	7098	10164	14629	25140	32741	45885	67886
67	1072	1758	4319	7205	10318	14851	25521	33237	46580	68914
68	1088	1784	4383	7313	10472	15073	25902	33733	47276	69943
69	1104	1811	4448	7420	10626	15294	26283	34229	47971	70971
70	1120	1837	4512	7528	10780	15516	26664	34725	48666	72000

IBT SERIES HYDRAULIC TORQUE WRENCH PRESSURE

Model Number	07IBT	11BT	31BT	51BT	81BT	101BT	201BT	251BT	351BT	501BT
psi	ft.lbs	ft.lbs	ft.lbs	ft.lbs	ft.lbs	ft.lbs	ft.lbs	ft.lbs	ft.lbs	ft.lbs
1000	81	134	328	547	783	1127	1937	2523	3535	5230
1200	97	161	394	656	940	1352	2324	3028	4242	6276
1400	114	188	459	766	1096	1578	2712	3532	4949	7322
1600	130	215	525	875	1253	1803	3099	4037	5656	8368
1800	146	242	590	985	1409	2029	3487	4541	6363	9414
2000	162	268	656	1094	1566	2254	3874	5046	7070	10460
2200	179	295	721	1203	1723	2480	4261	5550	7777	11506
2400	195	322	787	1313	1879	2705	4649	6055	8485	12552
2600	211	349	852	1422	2036	2931	5036	6559	9192	13598
2800	228	376	918	1532	2193	3156	5424	7064	9899	14644
3000	244	403	984	1641	2349	3381	5811	7568	10606	15690
3200	260	430	1049	1750	2506	3607	6198	8073	11313	16736
3400	276	457	1115	1860	2662	3832	6586	8577	12020	17782
3600	293	483	1180	1969	2819	4058	6973	9082	12727	18828
3800	309	510	1246	2079	2976	4283	7361	9586	13434	19874
4000	325	537	1311	2188	3132	4509	7748	10091	14141	20920
4200	341	564	1377	2297	3289	4734	8135	10595	14848	21966
4400	358	591	1443	2407	3446	4959	8523	11100	15555	23012
4600	374	618	1508	2516	3602	5185	8910	11604	16262	24058
4800	390	645	1574	2626	3759	5410	9298	12109	16970	25104
5000	407	672	1639	2735	3915	5636	9685	12613	17677	26150
5200	423	698	1705	2844	4072	5861	10072	13118	18384	27196
5400	439	725	1770	2954	4229	6087	10460	13622	19091	28242
5600	455	752	1836	3063	4385	6312	10847	14127	19798	29288
5800	472	779	1901	3173	4542	6538	11235	14631	20505	30334
6000	488	806	1967	3282	4699	6763	11622	15136	21212	31380
6200	504	833	2033	3391	4855	6988	12009	15641	21919	32426
6400	521	860	2098	3501	5012	7214	12397	16145	22626	33472
6600	537	887	2164	3610	5168	7439	12784	16650	23333	34518
6800	553	914	2229	3720	5325	7665	13172	17154	24040	35564
7000	569	940	2295	3829	5482	7890	13559	17659	24747	36610
7200	586	967	2360	3938	5638	8116	13946	18163	25454	37656
7400	602	994	2426	4048	5795	8341	14334	18668	26162	38702
7600	618	1021	2491	4157	5951	8567	14721	19172	26869	39748
7800	635	1048	2557	4267	6108	8792	15109	19677	27576	40794
8000	651	1075	2623	4376	6265	9017	15496	20181	28283	41840
8200	667	1102	2688	4485	6421	9243	15883	20686	28990	42886
8400	683	1129	2754	4595	6578	9468	16271	21290	29697	43932
8600	700	1155	2819	4704	6735	9694	16658	21695	30404	44978
8800	716	1182	2885	4814	6891	9919	17046	22199	31111	46024
9000	732	1209	2950	4923	7048	10145	17433	22704	31818	47070
9200	748	1236	3016	5032	7204	10370	17820	23208	32525	48116
9400	765	1263	3082	5142	7361	10595	18208	23713	33232	49162
9600	781	1290	3147	5251	7518	10821	18595	24217	33939	50208
9800	797	1317	3213	5361	7674	11046	18983	24722	34647	51254
10000	814	1344	3278	5470	7831	11272	19370	25226	35354	52300

LOW SERIES LOW PROFILE HYDRAULIC TORQUE WRENCH

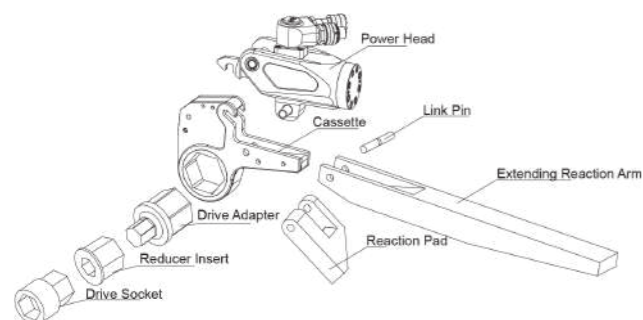
LOW series is the professional Low profile hydraulic torque wrench which KANAZAWA vigorously extends in international market. Compared with the square drive hydraulic torque wrench, this series works directly on the nuts, and its body suits well in the narrow space.

LOW covers the nuts from S19 to S175. To fulfill all different working situations, the user can easily replace the hexagon cassette to any cassette needed. Reducers can also be added and changed. KANAZAWA provides impeccable after-sales service and is awarded with the TUV certification for stellar safety standards.

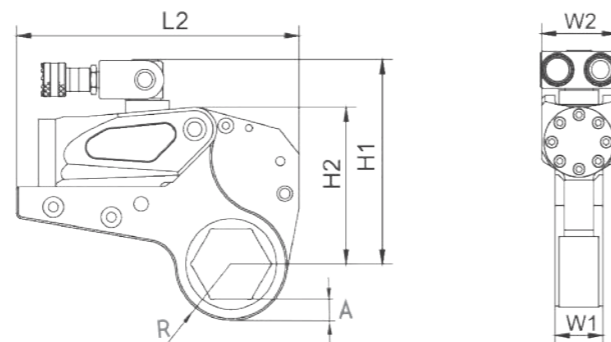
5 Models with the range from 232N.M – 44'000N.M

Stock Code	Model No.	Torque (N.m)	*Nut Size (mm)	Power Head Weight (kg)	Work Head Weight (kg)	Size (mm)					
						L1	L2	H1	H2	W1	W1
AQ04652	2LOW	232~2328	19~55	1	1.6	196.4	196.4	125.9	102.3	32	51
		241~2414	60	1	1.7	196.4	196.4	128.5	105	32	51
AQ04653	4LOW	585~2510	34~36	2	4.4	245	246	177	135.7	42	66
		585~5021	41	2	4.4	245	246	177	135.7	42	66
		585~5858	46~65	2	4.6	245	246	187	145.7	42	66
		630~6300	70~80	2	4.6	245	246	187	145.7	42	66
AQ04654	8LOW	1050~10500	41~95	3.3	8	300	301	207	169	53	83
		1177~11774	100~105	3.3	8.4	300	301	216	178	53	83
AQ04655	14LOW	1800~1800	50~117	5.5	11.6	361	361	239	204	64	99
AQ04656	30LOW	4100~41000	110~155	11.4	29	430	441	303	272	85	131
		4400~44000	160~175	11.4	30	430	441	315	285	85	131

*Required to choose specific nut size, 1 cassette only applies to 1 nut size.



*Optional Extra Accessories



For values of R & A, please approach our sales person

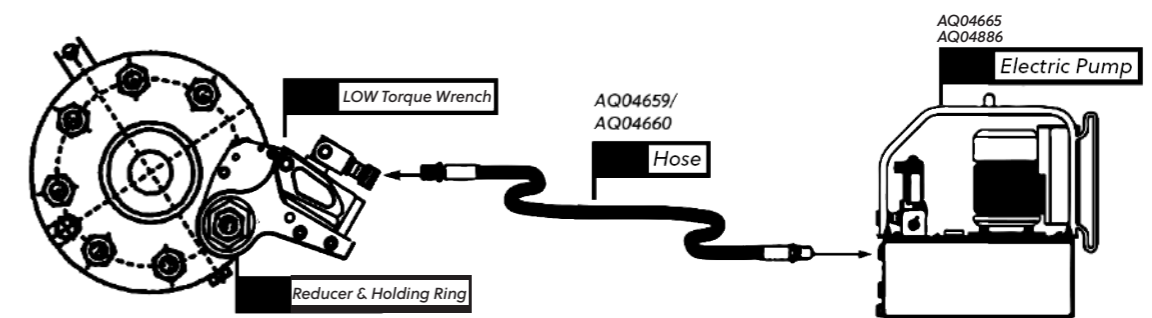
The reaction pawl officially overcomes the possibility of ratchet reversing opposite; enhance the efficiency and precision of torque.

360 x 185 degree swivel allows wrench to freely operate with no space limitation



Higher accuracy and easier to use when the wrench directly operates on the nuts.

Compact design with longer arm fully advances the reliability



LOW SERIES HYDRAULIC TORQUE WRENCH PRESSURE

Model Number	2LOW		4LOW		8LOW		14LOW	30LOW	
Bolt Size Range	19-55	60	34-65	70-80	41-95	100-105	50-117	110-155	160-175
mpa	N.m	N.m	N.m	N.m	N.m	N.m	N.m	N.m	N.m
7	232	241	585	647	1094	1177	1852	4188	4459
8	265	275	669	739	1250	1345	2117	4786	5096
9	299	310	752	832	1407	1513	2381	5385	5733
10	332	344	836	924	1563	1682	2646	5983	6370
11	365	379	920	1017	1719	1850	2910	6581	7007
12	398	413	1003	1109	1876	2018	3175	7180	7644
13	432	448	1087	1202	2032	2186	3440	7778	8281
14	465	482	1171	1294	2188	2354	3704	8376	8918
15	498	517	1255	1387	2344	2523	3969	8975	955
16	531	551	1338	1479	2501	2691	4233	9573	10192
17	565	586	1442	1572	2657	2859	4498	10171	10829
18	598	620	1506	1664	2813	3027	4762	10769	11467
19	631	655	1589	1757	2970	3195	5027	11368	12104
20	665	689	1673	1849	3126	3364	5292	11966	12741
21	698	724	1757	1942	3282	3532	5556	12564	13378
22	731	758	1840	2034	3439	3700	5821	13163	14015
23	764	793	1924	2127	3595	3868	6085	13761	14652
24	798	827	2008	2219	3751	4037	6350	14359	15289
25	831	862	2092	2312	3907	4205	6615	14958	15926
26	864	896	2175	2404	4064	4373	6879	15556	16563
27	897	931	2259	2497	4220	4541	7144	16154	17200
28	931	965	2343	2589	4376	4709	7408	16753	17837
29	964	1000	2426	2682	4533	4878	7673	17351	18474
30	997	1034	2510	2774	4689	5046	7938	17949	19111
31	1030	1069	2594	2867	4845	5214	8202	18548	19748
32	1064	1103	2677	2959	5002	5382	8467	19146	20385
33	1097	1138	2761	3052	5158	5550	8731	19744	21022
34	1130	1172	2845	3144	5314	5719	8996	20343	21659
35	1164	1207	2929	3237	5470	5887	9260	20941	22296
36	1197	1241	3012	3329	5627	6055	9525	21539	22933
37	1230	1276	3096	3422	5783	6223	9790	22138	23570
38	1263	1310	3180	3514	5939	6391	10054	22736	24207
39	1297	1345	3263	3607	6096	6560	10319	23334	24845
40	1330	1379	3347	3699	6252	6728	10583	23932	25482
41	1363	1414	3431	3792	6408	6896	10848	24531	26119
42	1396	1448	3514	3884	6565	7064	11113	25129	26756
43	1430	1483	3598	3977	6721	7232	11377	25727	27393
44	1463	1517	3682	4069	6877	7401	11642	26326	28030
45	1496	1552	3766	4162	7033	7569	11906	26924	28667
46	1530	1586	3849	4254	7190	7737	12171	27522	29304
47	1563	1621	3933	4347	7346	7905	12435	28121	29941
48	1596	1655	4017	4439	7502	8073	12700	28719	30578
49	1629	1690	4100	4532	7659	8242	12965	29317	31215
50	1663	1724	4184	4624	7815	8410	13229	29916	31852
51	1696	1759	4268	4717	7971	8578	13494	30514	32489
52	1729	1793	4351	4809	8128	8746	13758	31112	33126
53	1762	1828	4435	4902	8284	8914	14023	31711	33763
54	1796	1862	4519	4994	8440	9083	14288	32309	34400
55	1829	1897	4603	5087	8596	9251	14552	32907	35037
56	1862	1931	4686	5179	8753	9419	14817	33506	35674
57	1895	1966	4770	5272	8909	9587	15081	34104	36311
58	1929	2000	4854	5364	9065	9756	15346	34702	36948
59	1962	2035	4937	5457	9222	9924	15611	35301	37585
60	1995	2069	5021	5549	9378	10092	15875	35899	38223
61	2029	2104	5105	5642	9534	10260	16140	36497	38860
62	2062	2138	5188	5734	9691	10428	16404	37095	39497
63	2095	2173	5272	5827	9847	10597	16669	37694	40134
64	2128	2207	5356	5919	10003	10765	16933	38292	40771
65	2162	2242	5440	6012	10159	10933	17198	38890	41408
66	2195	2276	5523	6104	10316	11101	17463	39489	42045
67	2228	2311	5607	6197	10472	11269	17727	40087	42682
68	2261	2345	5691	6289	10628	11438	17992	40685	43319
69	2295	2380	5774	6382	10785	11606	18256	41284	43956
70	2328	2414	5858	6474	10941	11774	18521	41882	44593

LOW SERIES HYDRAULIC TORQUE WRENCH PRESSURE

Model Number	2LOW		4LOW		8LOW		14LOW	30LOW	
Bolt Size Range	19-55	60	34-65	70-80	41-95	100-105	50-117	110-155	160-175
psi	ft.lbs	ft.lbs	ft.lbs	ft.lbs	ft.lbs	ft.lbs	ft.lbs	ft.lbs	ft.lbs
1000	169	175	426	470	795	855	1346	3043	3240
1200	203	210	511	564	954	1026	1615	3652	3888
1400	237	245	596	658	1113	1197	1884	4260	4536
1600	270	280	681	752	1272	1368	2153	4869	5184
1800	304	315	766	846	1431	1539	2422	5477	5832
2000	338	350	852	940	1590	1710	2692	6086	6480
2200	372	385	937	1034	1749	1881	2961	6694	7127
2400	406	421	1022	1128	1908	2052	3230	7303	7775
2600	440	456	1107	1222	2067	2223	3499	7911	8423
2800	473	491	1192	1317	2226	2566	3768	8520	9071
3000	507	526	1277	1411	2385	2566	4037	9128	9719
3200	541	561	1362	1505	2544	2737	4306	9737	10367
3400	575	596	1447	1599	2703	2908	4575	10345	11015
3600	609	631	1533	1693	2861	3079	4844	10954	11663
3800	642	666	1618	1787	3020	3250	5113	11562	12311
4000	676	701	1703	1881	3179	3421	5383	12171	12959
4200	710	736	1788	1975	3338	3592	5652	12779	13606
4400	744	771	1873	2069	3497	3763	5921	13388	14254
4600	778	806	1958	2163	3656	3934	6190	13996	14902
4800	812	842	2043	2257	3815	4105	6459	14605	15550
5000	845	877	2128	2351	3974	4276	6728	15213	16198
5200	879	912	2214	2445	4133	4447	6997	15822	16846
5400	913	947	2299	2539	4292	4618	7266	16430	17494
5600	947	982	2384	2633	4451	4789	7535	17039	18142
5800	981	1017	2469	2727	4610	4960	7804	17647	18790
6000	1015	1052	2554	2822	4769	5132	8074	18256	19438
6200	1048	1087	2639	2916	4928	5303	8343	18865	20085
6400	1082	1122	2724	3010	5087	5474	8612	19473	20733
6600	1116	1157	2809	3104	5246	5645	8881	20082	21381
6800	1150	1192	2894	3198	5405	5816	9150	20690	22029
7000	1184	1227	2980	3292	5564	5987	9419	21299	22677
7200	1217	1262	3065	3386	5723	6158	9688	21907	23325
7400	1251	1298	3150	3480	5882	6329	9957	22516	23973
7600	1285	1333	3235	3574	6041	6500	10226	23124	24621
7800	1319	1368	3320	3668	6200	6671	10495	23733	25269
8000	1353	1403	3405	3762	6359	6842	10765	24341	25917
8200	1387	1438	3490	3856	6518	7013	11034	24950	26564
8400	1420	1473	3575	3950	6677	7184	11303	25558	27212
8600	1454	1508	3661	4044	6835	7355	11572	26167	27860
8800	1488	1543	3746	4138	6994	7526	11841	26775	28508
9000	1522	1578	3831	4232	7153	7697	12110	27384	29156
9200	1556	1613	3916	4326	7312	7868	12379	27992	29804
9400	1589	1648	4001	4421	7471	8040	12648	28601	30452
9600	1623	1683	4086	4515	7630	8211	12917	29209	31100
9800	1657	1719	4171	4609	7789	8382	13186	29818	31748
10000	1691	1754	4256	4703	7948	8553	13456	30426	32396

HYDRAULIC WEDGE SPREADER

Friction-free, smooth, and parallel wedge movement with unique interlock wedge design it eliminates flange damage and risk of spreading arm failure.

Stepped spreader arm design - each step can spread under full load. Requires very small access gap of only 6mm, includes safety block and stepped blocks.

Stock Code	Model No.	Max Spreading Force (ton)	* Tip Clearance (mm)	Max Spread (mm)	Type	Oil Capacity (cm ³)	Gross Weight (kg)
AQ04950	KWS-8	8	6	77	Mechanical	-	10.4
AQ04941	KWS-10	10	6	81	Self-Contained	70	11.5
AQ04952	KWS-1481	14	6	81	Hydraulic	70	10.2

*For less than 6mm, please refer to Flange Spreader

Self-Contained Hydraulic Wedge Spreader

AQ04941

- Manual Hydraulic Operation
- Use stepped blocks to increase wedge opening up to 81mm
- Safe and reliable hydraulic system

Hydraulic Wedge Spreader

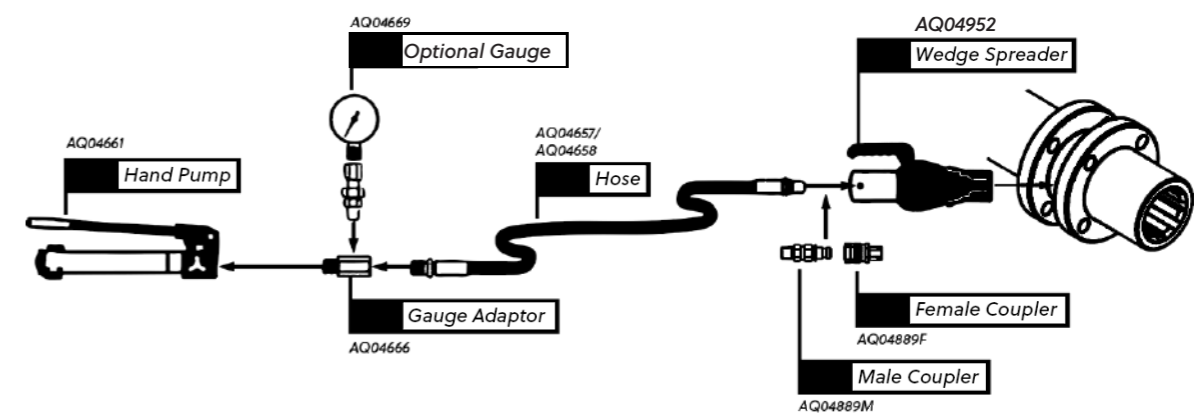
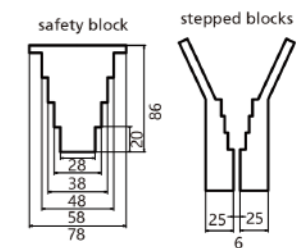
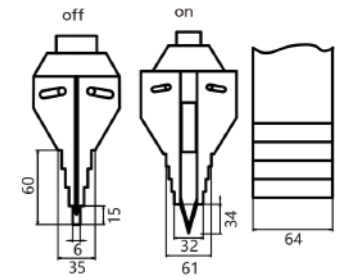
AQ04952

- Operated by hydraulic pump with rated pressure of 700 bar
- Use stepped blocks to increase wedge opening up to 81mm

Mechanical Wedge Spreader

AQ04950

- Mechanically powered by manual turning
- Compact and portable solution
- Operated with 1/2" ratchet wrench included with HHP-8

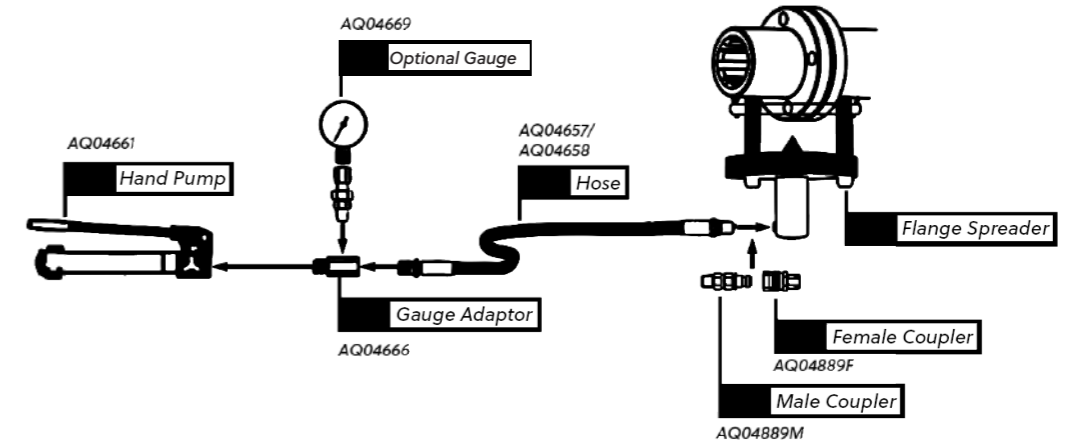
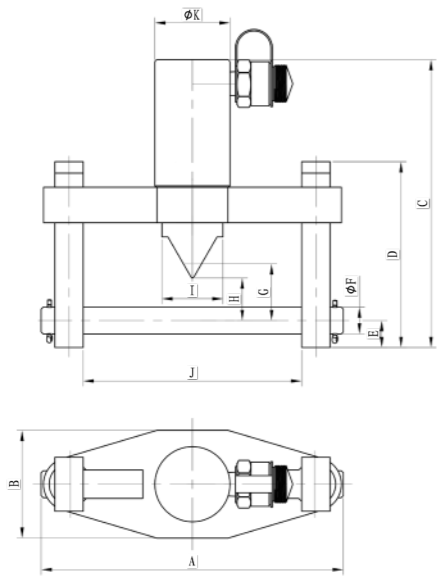


HYDRAULIC FLANGE SPREADER

Separation of stubborn joints for inspection and maintenance particularly those fitted with ring allows grooves or those with external forces acting on them which are often difficult to separate. The use of hammers and wedges, chain blocks and lever bars can damage joint components and present a potential safety risk.

Stock Code	Model No.	Max Flange Thickness (mm)	Stud Size (mm)	Standard Wedge (mm)	Output Force (ton)	Stroke (mm)	Packing Size (cm)	Gross Weight (kg)
AQ04953	KFS-538	2 x 57	19-28	3-28	5	38	24 x 23 x 10	6
AQ04954	KFS-1054	2 x 92	31-41	3-28	10	54	32 x 31 x 14	13.2

- Adjustable jaw width from 70-216mm to fit a wide range of flange thickness
- Lightweight, ergonomic design for ease of use
- Single acting, spring return
- Operated by hydraulic hand pump with rated pressure of 700 bar
- No clearance/gap required

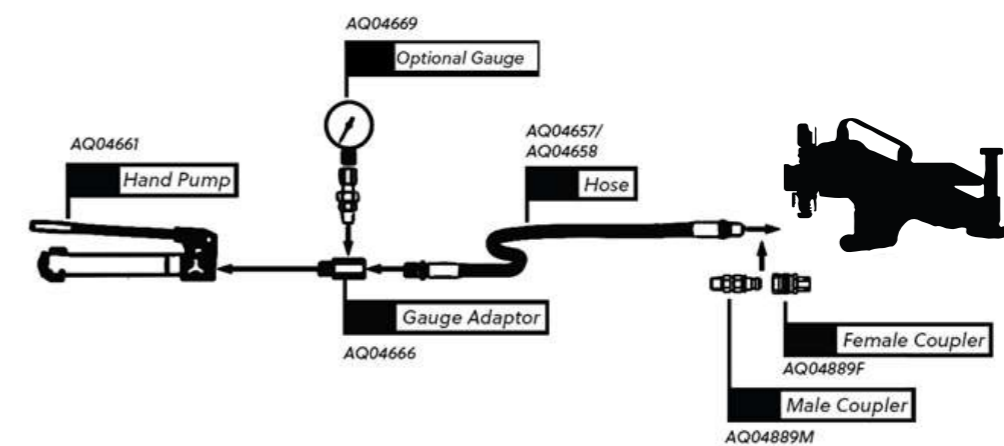
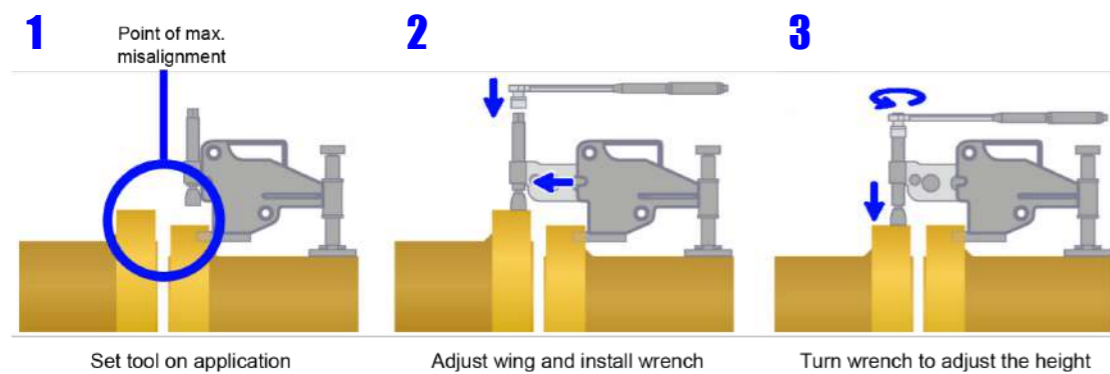


FLANGE ALIGNMENT TOOL

This tool can be used to align or re-align flange joints during pipework construction, commissioning or during routine maintenance.

Capacity (ton)	Bolt Hole Diameter (mm)	Flange Thickness (mm)	Weight (kg)
1	≥ 16	14-82	2.1
4	≥ 24	30-133	8.6
9	≥ 35.5	92-228	14.5

- Rectifies twist and rotational misalignment quickly and safely without the need for an external power source
- Appropriate for use on most ANSI, API, BS and DIN flanges
- Reduces set-up time: no need for chains, pulleys or rigs
- Safety strap provides secure operation
- Can be installed and used in any position
- Portable, lightweight design enables easy transport and use, even in remote locations



HYDRAULIC NUT SPLITTER

A hydraulic nut splitter is a tool used to remove a seized nut from the shaft, stud or bolt found in any type of equipment without causing damage to the thread of the bolt. The nut splitter helps to cut through nuts within seconds without causing any injury or potential accidents. The hydraulic nut splitter is a highly effective tool that performs its function in a far more efficient manner. This helps to increase work productivity as less time is spent on splitting seized nuts off shafts than the time taken to do so with the typical mechanical nut splitter.

Stock Code	Model No.	Output Force (Ton)	Bolt Range (mm)	Hexagonal Nut Range (mm)	General Weight (kg)	Packing Size (mm)	Blade Stock Code For Nut Splitter
AQ05112	KNS-24B	14	M8-M24	14-36	3.3	160 x 120 x 235	AQ05122
AQ05113	KNS-1319	5	M6-M12	10-19	1.6	210 x 60 x 60	AQ05123
AQ05114	KNS-1924	10	M12-M16	19-24	2.4	240 x 65 x 65	AQ05124
AQ05115	KNS-2432	15	M16-M22	24-32	4.1	260 x 80 x 80	AQ05125
AQ05116	KNS-3241	20	M22-M27	32-41	5.6	285 x 90 x 90	AQ05126
AQ05117	KNS-4150	35	M27-M33	41-50	10	230 x 105 x 105	AQ05127
AQ05118	KNS-5060	50	M33-M39	50-60	14	360 x 115 x 115	AQ05128
AQ05119	KNS-6070	90	M8-M24	14-36	7	62 x 10 x 16	AQ05129
AQ05120	KNS-24	14	M8-M24	14-36	7	62 x 10 x 16	AQ05122
AQ05121	KNS-27	20	M8-M27	13-41	6.8	54 x 10 x 16	AQ05140

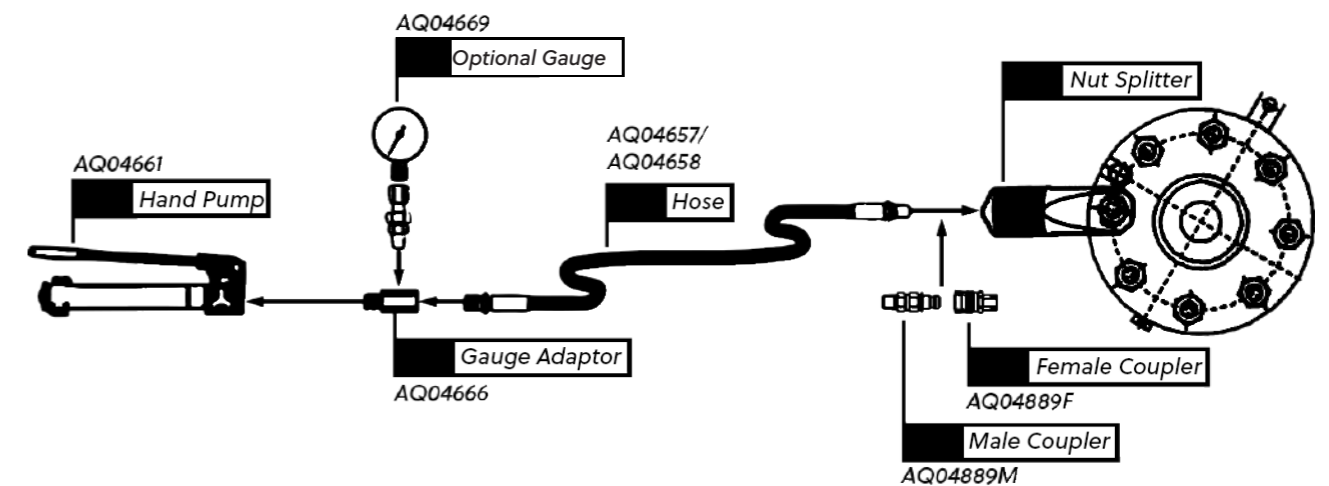
- Compact and ergonomic design, easy to use
- Unique angled head design
- Heavy duty cutting head made of special steel
- Single acting, spring return
- Operated by hydraulic pump with rated pressure of 700 bar
- Suitable for splitting nuts up to Metric Class 8.8



AQ05120
HHQ-27 SELF-CONTAINED HYDRAULIC NUT SPLITTER



AQ05121
HHQ-24 SELF-CONTAINED HYDRAULIC NUT SPLITTER



HYDRAULIC HOLE PUNCHER

Stock Code		AQ05160	AQ05139	AQ05161
Model		KBP-31	KBP-35	KBP-50
Output Force (Ton)		31	35	50
Punch Dies		3/8" (11.1mm) 1/2" (14.3mm) 5/8" (17mm) 3/4" (20.6mm)	3/8" (11.1mm) 1/2" (14.3mm) 5/8" (17mm) 3/4" (20.6mm)	16mm, 18mm 22mm, 25mm
Max Thickness (mm)	Mild Steel/Iron Sheet	6	8	14
	Copper/Aluminium	10	12	16
Throat Depth (mm)		70	110	125
Aperture (inch)		ø3/8" - 3/4"	ø3/8" - 3/4"	-
Gross Weight (kg)		23.3	37.4	80
Optional Extra Accessories				
Hose		AQ04657 / AQ04658		AQ04657 & AQ04658 <small>(both required)</small>
Hand Pump		AQ04661		AQ04688 or AQ04689

- Strong, durable construction
- Single acting, spring return (KBP 31, 35)
- Double acting, hydraulic return (KBP 50)
- Quick set up punches & dies system
- Flat and clean hole edge
- Punch dies made of high strength steel
- Carrying handle for easy transportation to job site (KBP 31, 35)
- Large flat base for added stability
- Operated by double acting hydraulic pump or rated pressure 700 bar (KBP 31, 35)



KBP-31
HYDRAULIC HOLE PUNCHER



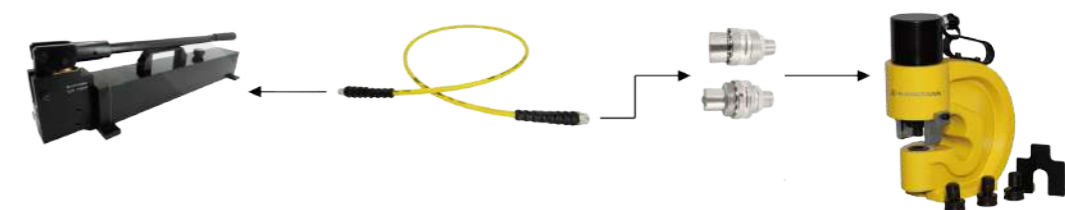
KBP-50
HYDRAULIC HOLE PUNCHER



KBP-35
HYDRAULIC HOLE PUNCHER

Double Acting Hand Pump
AQ04688
AQ04689

*Suitable to use with Hand Pump for low usage.
Consider Electric Pump when punching is in high volume*



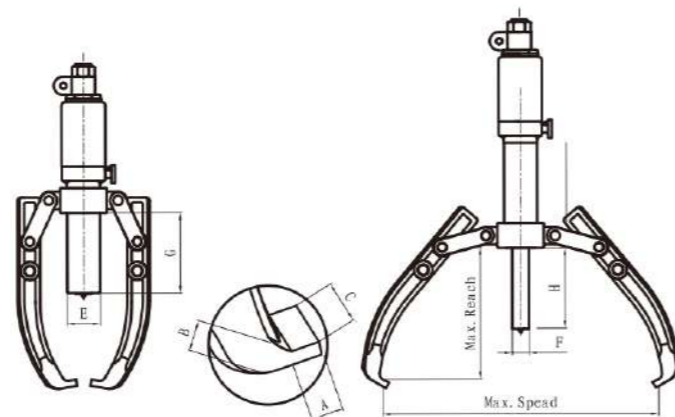
SELF-CONTAINED HYDRAULIC PULLER

Kanazawa Hydraulic Pullers are ideal replacements of conventional pulling tools. These hydraulic pullers eliminate time-consuming and unsafe hammering, heating or prying. Damage to parts is minimized through the use of controlled hydraulic power.

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

Stock Code	Model No.	Output (Ton)	Spread (mm)	Max Reach (mm)	Ram stroke (mm)	Dimensions (mm)						Weight (Kg)	Packing size (cm)
						E	F	G	A	B	C		
AQ04907-K	KHL-5	5	50-200	140	50	45	23	106	12.5	22.5	26	7.6	42 x 29 x 9
AQ04908-K	KHL-10	10	50-250	170	60	56	26	97	14	30	30	10.1	43 x 33 x 11
AQ04909-K	KHL-20	20	100-350	205	70	78	33	105	21	33.5	33	18.6	44 x 35 x 13
AQ04910-K	KHL-30	30	150-400	220	70	90	38	103	26	36	35	24.2	48 x 20 x 18
AQ04911-K	KHL-50	50	200-500	250	60	114	48	117	25	46	40	42.9	52 x 25 x 22

- Standard 3 jaws, adjustable to 2 jaw when required
- 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
- 5, 10 and 20 ton sets are contained in a plastic carry case. 30 and 50 ton sets are contained in a robust wooden box.
- Spring loaded live centering cone



SELECTING THE RIGHT HYDRAULIC CYLINDER FOR YOU

1. Force Selection

For cylinders working strictly and continuously, it is recommended to choose a cylinder with tonnage higher than the load itself, usually 7096-80%A of the cylinder.

2. Stroke Selection

It is recommended to choose a cylinder with a stroke longer than the practical need to increase the system's expandable capacity.

3. Type Selection

There are two types of hydraulic cylinders: single-acting and double-acting cylinders. Single-acting cylinders can only lift, whereas double-acting cylinders can both lift and pull. If you require further assistance in deciding on which cylinder would best suit your requirement, feel free to contact us.

4. Quality Selection

How many cylinders would you require to complete a job?
Do you require them to work synchronously or independently?

5. Efficiency Selection

How fast do you require the retraction speed to be? The speed of piston retraction varies across the series. In general, double-acting cylinders as well as spring integrated hydraulic cylinders tend to retract pistons faster than gravity pulled cylinders. Speed necessities might vary based on the job. Do consult our sales executives if you require further assistance in your selection.

SINGLE-ACTING LOW WEIGHT CYLINDER

RSM Series
RCS Series

SINGLE-ACTING GENERAL PURPOSE CYLINDER

RC Series

SINGLE-ACTING HOLLOW PLUNGER CYLINDER

RCH Series

DOUBLE-ACTING HOLLOW PLUNGER CYLINDER

RRH Series

SINGLE-ACTING HIGH TONNAGE CYLINDER

CLS Series

DOUBLE-ACTING HIGH TONNAGE CYLINDER

CLRG Series

SINGLE-ACTING LOCK NUT CYLINDER

CLL Series

SINGLE-ACTING PANCAKE LOCK NUT CYLINDER

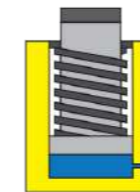
CLP Series

HYDRAULIC CYLINDER RSM SERIES

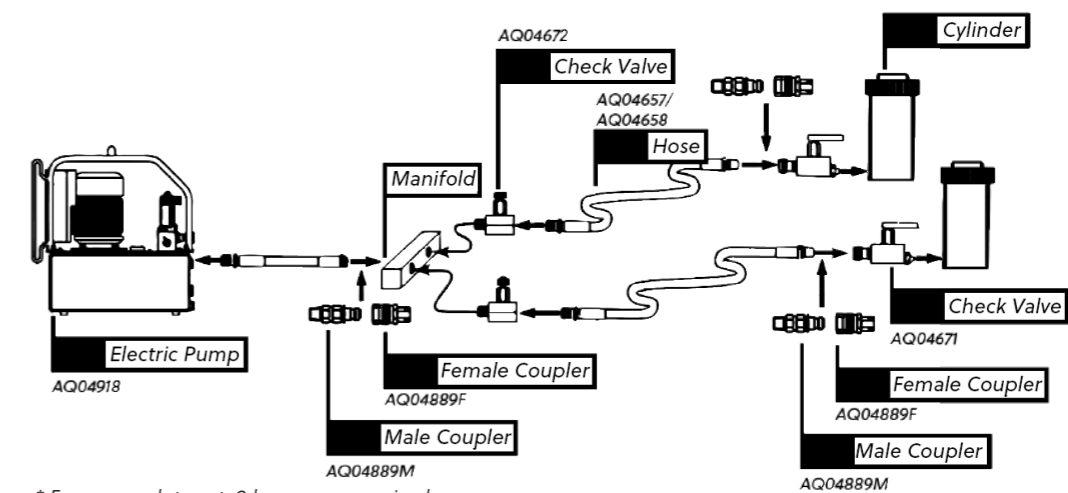
SINGLE-ACTING LOW WEIGHT CYLINDER

- Single-acting and heavy-duty return spring
- Flat design for use in confined areas
- Baked enamel finish for improved corrosion resistance

Stock Code	Model	Capacity (Ton)	Stroke (mm)	Min Height (mm)	Outside Diameter (mm)	Effective Area (cm ²)	Oil Capacity (cm ³)	Saddle Diameter (mm)	Weight (kg)
AQ00365-K	RSM50	5	6	32	58x41	6.5	4	25.4	1.0
AQ00366-K	RSM100	10	11	42	82x55	14.5	18	38.1	1.4
AQ00367-K	RSM200	20	11	51	101x76	28.7	32	50.8	3.1
AQ00368-K	RSM300	30	13	58	117x95	42.1	55	63.4	4.5
AQ00369-K	RSM500	50	16	66	140x114	62.1	99	69.8	6.8
AQ00370-K	RSM750	75	16	79	165x139	102.6	164	82.6	11.3
AQ00371-K	RSM1000	100	16	85	178x153	126.7	203	92.2	14.5
AQ00372-K	RSM1500	150	16	100	215x190	198.1	317	114.3	26.3



Capacity: 5 ~ 150 Ton
 Stroke: 6 ~ 16 mm
 Max Operating Pressure: 700 Bar



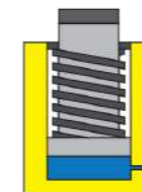
* For a complete set, 3 hoses are required

HYDRAULIC CYLINDER RCS SERIES

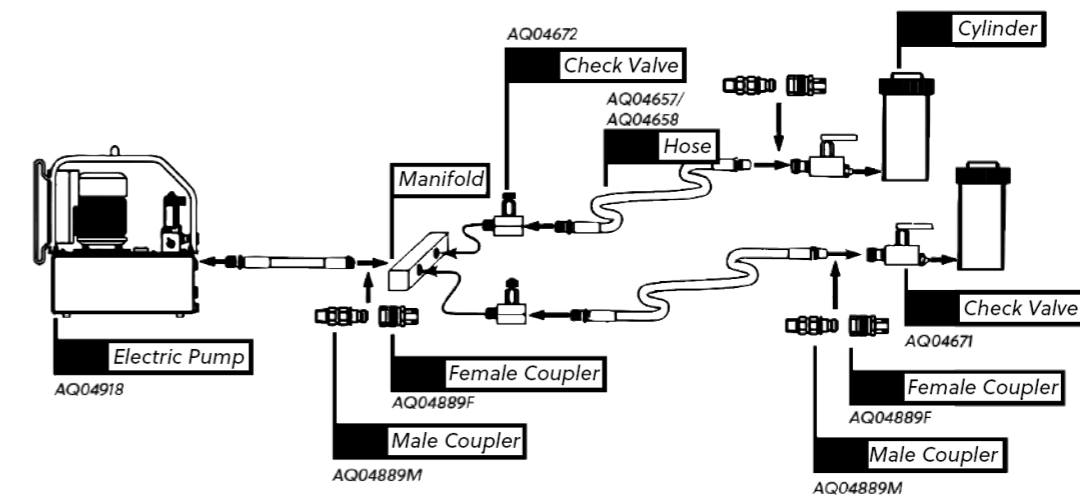
SINGLE-ACTING LOW WEIGHT CYLINDER

- Single-acting and heavy-duty return spring
- Flat design for use in confined areas
- Baked enamel finish for improved corrosion resistance

Stock Code	Model	Capacity (Ton)	Stroke (mm)	Min Height (mm)	Outside Diameter (mm)	Effective Area (cm ²)	Oil Capacity (cm ³)	Saddle Diameter (mm)	Weight (kg)
AQ00360-K	RCS101	10	38	88	69	4.5	55	38.1	4.1
AQ00361-K	RCS201	20	45	98	92	28.7	129	50.8	5.0
AQ00362-K	RCS302	30	62	117	101	42.1	261	66.5	6.8
AQ00363-K	RCS502	50	60	122	124	62.1	373	69.8	10.9
AQ00364-K	RCS1002	100	57	141	165	126.7	722	92.2	22.7



Capacity: 10 ~ 150 Ton
 Stroke: 38 ~ 62 mm
 Max Operating Pressure: 700 Bar



* For a complete set, 3 hoses are required

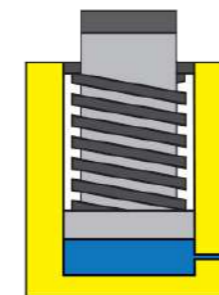
HYDRAULIC CYLINDER RC SERIES SELECTION CHART

Stock Code	Model	Capacity (Ton)	Stroke (mm)	Min Height (mm)	Outside Diameter (mm)	Effective Area (cm ²)	Oil Capacity (cm ³)	Saddle Diameter (mm)	Thread Size (mm)	Thread Length (mm)	Weight (kg)
AQ00326-K	RC-50	5	16	41	42x59	6.5	10	25.4	1 1/2"-16	28	1.1
AQ00327-K	RC-51	5	25	110	38	6.5	16	25.4	1 1/2"-16	28	1.1
AQ00328-K	RC-53	5	76	165	38	6.5	50	25.4	1 1/2"-16	28	1.5
AQ00329-K	RC-55	5	127	215	40	6.5	83	25.4	1 1/2"-16	28	1.9
AQ00330-K	RC-57	5	177	273	40	6.5	115	25.4	1 1/2"-16	28	2.4
AQ00331-K	RC-59	5	232	323	40	6.5	151	25.4	1 1/2"-16	28	2.8
AQ00332-K	RC-101	10	26	89	57	14.5	38	38.1	2 1/4"-14	27	1.8
AQ00333-K	RC-102	10	54	121	57	14.5	78	38.1	2 1/4"-14	27	2.3
AQ00334-K	RC-104	10	105	171	57	14.5	152	38.1	2 1/4"-14	27	3.3
AQ00335-K	RC-106	10	156	247	57	14.5	226	38.1	2 1/4"-14	27	4.4
AQ00336-K	RC-108	10	203	298	57	14.5	294	38.1	2 1/4"-14	27	5.4
AQ00337-K	RC-1010	10	257	349	57	14.5	373	38.1	2 1/4"-14	27	6.4
AQ00338-K	RC-1012	10	304	400	57	14.5	441	38.1	2 1/4"-14	27	6.8
AQ00339-K	RC-1014	10	356	450	57	14.5	516	38.1	2 1/4"-14	27	8.2
AQ00340-K	RC-151	15	25	124	69	20.3	51	41.4	2 3/4"-16	30	3.3
AQ00341-K	RC-152	15	51	149	69	20.3	104	41.4	2 3/4"-16	30	4.1
AQ00342-K	RC-154	15	101	200	69	20.3	205	41.4	2 3/4"-16	30	5.0
AQ04890-K	RC-156	15	152	271	69	20.3	308	41.4	2 3/4"-16	30	6.8
AQ00343-K	RC-158	15	203	322	69	20.3	411	41.4	2 3/4"-16	30	8.2
AQ00344-K	RC-1510	15	254	373	69	20.3	516	41.4	2 3/4"-16	30	9.5
AQ04891-K	RC-1512	15	305	423	69	20.3	619	41.4	2 3/4"-16	30	10.9
AQ04892-K	RC-1514	15	356	474	69	20.3	723	41.4	2 3/4"-16	30	11.8
AQ00345-K	RC-251	25	26	139	85	33.2	86	57.2	3 5/16"-12	49	5.9
AQ00346-K	RC-252	25	50	165	85	33.2	166	57.2	3 5/16"-12	49	6.4
AQ00347-K	RC-254	25	102	215	85	33.2	339	57.2	3 5/16"-12	49	8.2
AQ00348-K	RC-256	25	158	273	85	33.2	525	57.2	3 5/16"-12	49	10.0
AQ00349-K	RC-258	25	210	323	85	33.2	697	57.2	3 5/16"-12	49	12.2
AQ00350-K	RC-2510	25	261	374	85	33.2	867	57.2	3 5/16"-12	49	14.1
AQ04893-K	RC-2512	25	311	425	85	33.2	1033	57.2	3 5/16"-12	49	16.3
AQ00351-K	RC-2514	25	362	476	85	33.2	1202	57.2	3 5/16"-12	49	17.7
AQ00352-K	RC-308	30	209	387	101	42.1	880	57.2			18.1
AQ00353-K	RC-502	50	51	176	127	71.2	362	79.5	5"-12	55	15.0
AQ00354-K	RC-504	50	101	227	127	71.2	719	79.5	5"-12	55	19.1
AQ00355-K	RC-506	50	159	282	127	71.2	1131	79.5	5"-12	55	23.1
AQ00356-K	RC-5013	50	337	460	127	102.6	2399	79.5	5"-12	55	37.6
AQ00357-K	RC-756	75	156	285	146	71.2	1601	95.2	5 3/4"-12	44	29.5
AQ04894-K	RC-7513	75	333	492	146	102.6	3417	95.2	5 3/4"-12	44	59.0
AQ00358-K	RC-1006	100	168	357	177	133.3	2239	104.9	6 7/8"-12	44	59.0
AQ00359-K	RC-10010	100	260	449	177	133.3	3466	104.9	6 7/8"-12	44	72.6

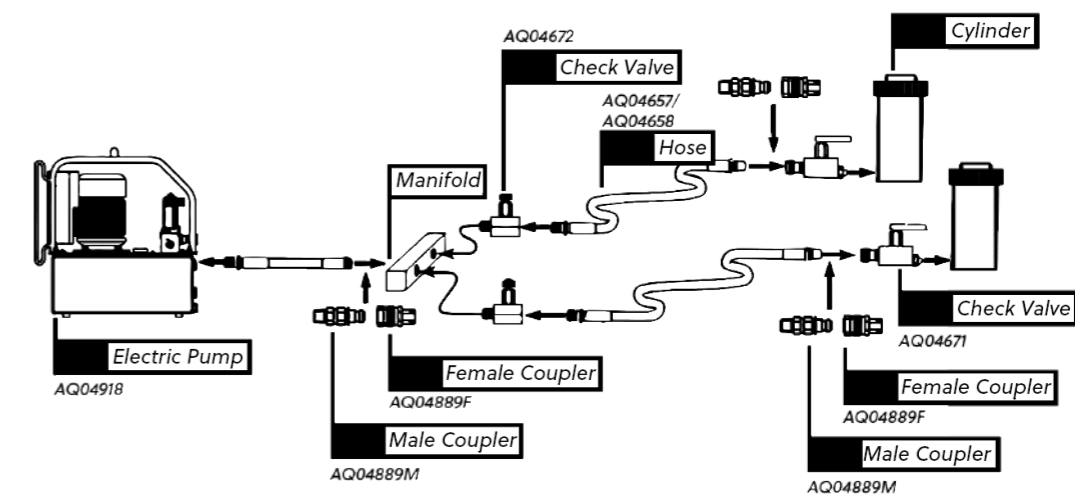
SINGLE-ACTING GENERAL PURPOSE CYLINDER

- Single-acting and heavy-duty return spring
- High strength alloy steel for durability
- Baked enamel finish for improved corrosion resistance
- Easy-carry handle for maximum portability*

*handle can be included upon request



Capacity: 5 ~ 100 Ton
Stroke: 16 ~ 362 mm
Max Operating Pressure: 700 Bar



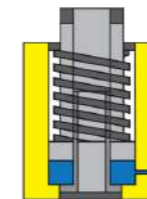
* For a complete set, 3 hoses are required

HYDRAULIC CYLINDER RCH SERIES

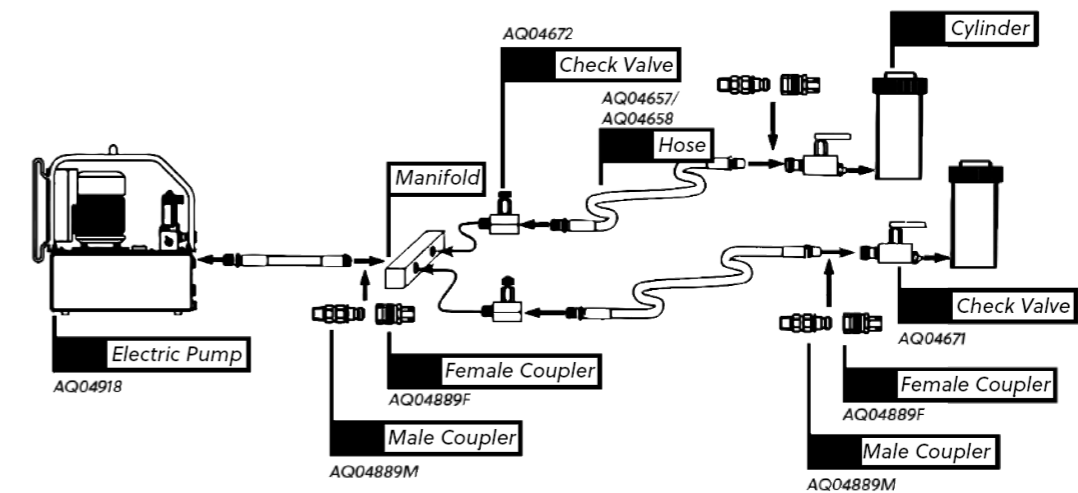
SINGLE-ACTING HOLLOW PLUNGER CYLINDER

- Single-acting and heavy-duty return spring
- Hollow plunger design allows for both pull and push forces
- Baked enamel finish for improved corrosion resistance

Stock Code	Model	Capacity (Ton)	Stroke (mm)	Min Height (mm)	Outside Diameter (mm)	Effective Area (cm ²)	Oil Capacity (cm ³)	Plunger Diameter (mm)	Hollow Diameter (mm)	Weight (kg)
AQ00379-K	RCH120	12	8	55	69	17.9	14	35.1	19.6	1.5
AQ00380-K	RCH121	12	42	120	69	17.9	75	35.1	19.6	2.8
AQ00381-K	RCH1211	12	42	120	69	17.9	75	35.1	19.6	2.8
AQ00382-K	RCH123	12	76	184	69	17.9	136	35.1	19.6	4.4
AQ00383-K	RCH202	20	49	162	98	30.7	150	54.1	26.9	7.7
AQ00384-K	RCH206	20	155	306	98	30.7	476	54.1	26.9	14.1
AQ00385-K	RCH302	30	64	178	114	46.6	298	63.5	33.3	10.9
AQ00386-K	RCH306	30	155	330	114	46.6	722	63.5	33.3	21.8
AQ00387-K	RCH603	60	76	247	159	82.3	626	91.9	53.8	28.1
AQ00388-K	RCH606	60	153	332	159	82.3	1259	91.9	53.8	35.4
AQ00389-K	RCH1003	100	76	254	212	133.0	1011	127.0	79.0	63.0



Capacity: 12 ~ 100 Ton
 Stroke: 8 ~ 155 mm
 Max Operating Pressure: 700 Bar



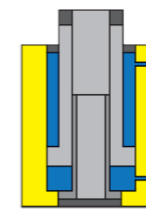
* For a complete set, 3 hoses are required

HYDRAULIC CYLINDER RRH SERIES

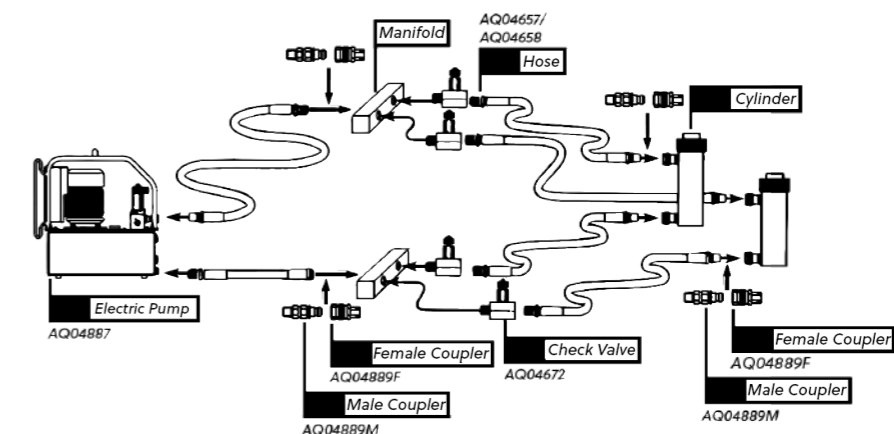
DOUBLE-ACTING HOLLOW PLUNGER CYLINDER

- Double-acting design for fast retraction
- Hollow plunger design for both push and pull forces
- Relief valve protects cylinder from over-pressurisation
- Baked enamel finish for corrosion resistance

Stock Code	Model	Capacity (Ton)		Stroke (mm)	Min Height (mm)	Outside Diameter (mm)	Effective Area (cm ²)		Oil Capacity (cm ³)		Plunger Diameter (mm)	Hollow Diameter (mm)	Weight (kg)
		Push	Pull				Push	Pull	Push	Pull			
AQ00390-K	RRH307	30	23	178	330	114	46.6	30.4	829	541	63.5	33.3	21
AQ04902-K	RRH3010	30	23	258	431	114	46.6	30.4	1202	784	63.5	33.3	27
AQ04903-K	RRH603	60	42	89	247	159	82.3	54.2	733	482	91.9	53.8	28
AQ00391-K	RRH606	60	42	166	323	159	82.3	54.2	1366	900	91.9	53.8	35
AQ00392-K	RRH6010	60	42	257	438	159	82.3	54.2	2115	1393	91.9	53.8	45
AQ00393-K	RRH1001	100	68	38	165	212	133.0	87.4	505	333	127.0	79.2	33
AQ04904-K	RRH1003	100	68	76	254	212	133.0	87.4	1011	666	127.0	79.2	61
AQ00394-K	RRH1006	100	68	153	342	212	133.0	87.4	2035	1337	127.0	79.2	79
AQ04905-K	RRH10010	100	68	257	460	212	133.0	87.4	3420	2246	127.0	79.2	106
AQ04906-K	RRH1508	150	75	203	349	247	204.1	102.4	4144	2083	152.4	79.2	111



Capacity: 30 ~ 150 Ton
 Stroke: 38 ~ 258 mm
 Max Operating Pressure: 700 Bar



* For a complete set, 6 hoses are required

HYDRAULIC CYLINDER CLS SERIES SELECTION CHART

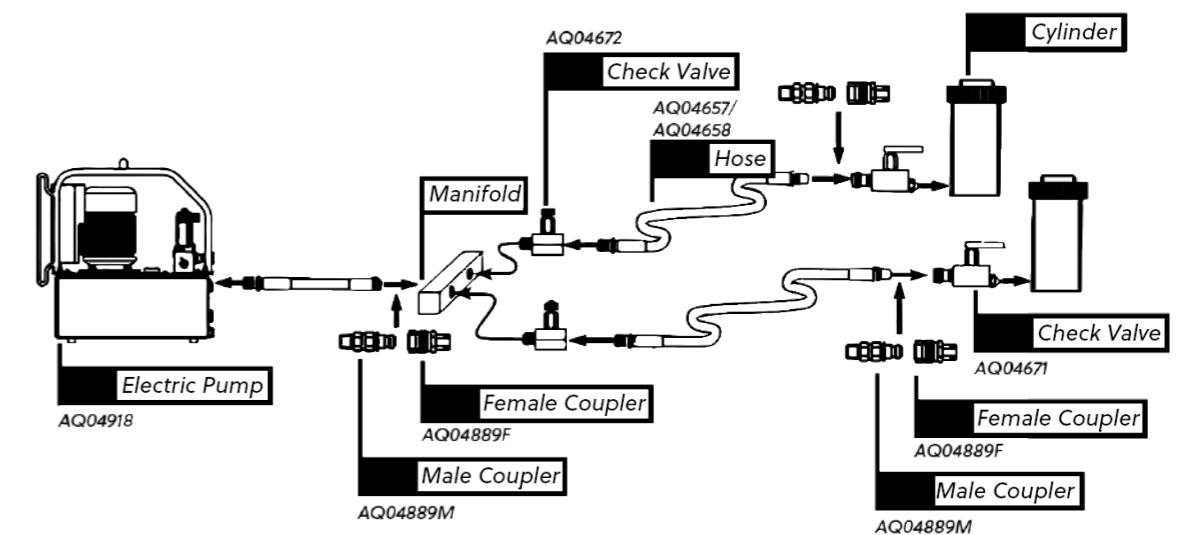
Stock Code	Model	Capacity (Ton)	Stroke (mm)	Min Height (mm)	Outside Diameter (mm)	Effective Area (cm ²)	Oil Capacity (cm ³)	Saddle Diameter (mm)	Weight (kg)
AQ04760-K	CLS502	50	50	128	125	77.0	355	95	4
AQ04761-K	CLS504	50	100	178	125	77.0	709	95	18
AQ04762-K	CLS506	50	150	228	125	77.0	1064	95	23
AQ04763-K	CLS508	50	200	278	125	77.0	1418	95	28
AQ04764-K	CLS5010	50	250	328	125	77.0	1773	95	33
AQ04765-K	CLS5012	50	300	378	125	77.0	2127	95	38
AQ04766-K	CLS1002	100	50	143	165	132.7	664	130	24
AQ04767-K	CLS1004	100	100	193	165	132.7	1327	130	32
AQ04768-K	CLS1006	100	150	243	165	132.7	1991	130	40
AQ04769-K	CLS1008	100	200	293	165	132.7	2654	130	49
AQ04770-K	CLS10010	100	250	343	165	132.7	3318	130	58
AQ04771-K	CLS10012	100	300	393	165	132.7	3981	130	66
AQ04772-K	CLS1502	150	50	165	205	198.6	993	159	43
AQ04773-K	CLS1504	150	100	215	205	198.6	1986	159	55
AQ04774-K	CLS1506	150	150	265	205	198.6	2979	159	69
AQ04775-K	CLS1508	150	200	315	205	198.6	3972	159	82
AQ04776-K	CLS15010	150	250	365	205	198.6	4965	159	95
AQ04777-K	CLS15012	150	300	415	205	198.6	5958	159	108
AQ04778-K	CLS2002	200	50	193	235	265.9	1330	184	66
AQ04779-K	CLS2006	200	150	293	235	265.9	3989	184	101
AQ04780-K	CLS20010	200	250	393	235	265.9	6648	184	136
AQ04781-K	CLS2502	250	50	193	275	366.4	1932	216	90
AQ04782-K	CLS2506	250	150	293	275	366.4	5496	216	137
AQ04783-K	CLS25010	250	250	393	275	366.4	9160	216	184
AQ04784-K	CLS3002	300	50	235	310	456.2	2281	241	137
AQ04785-K	CLS3006	300	150	335	310	456.2	6843	241	198
AQ04786-K	CLS30010	300	250	435	310	456.2	11405	241	258
AQ04787-K	CLS4002	400	50	265	350	559.9	2800	267	200
AQ04788-K	CLS4006	400	150	365	350	559.9	8399	267	275
AQ04789-K	CLS40010	400	250	465	350	559.9	13998	267	352
AQ04790-K	CLS5002	500	50	295	400	730.6	3656	305	289
AQ04791-K	CLS5006	500	150	395	400	730.6	10967	305	390
AQ04792-K	CLS50010	500	250	495	400	730.6	18278	305	489
AQ04793-K	CLS6002	600	50	310	430	855.3	4277	330	350
AQ04794-K	CLS6006	600	150	410	430	855.3	12830	330	465
AQ04795-K	CLS60010	600	250	510	430	855.3	21383	330	582
AQ04796-K	CLS8002	800	50	355	505	1176.3	5882	387	549
AQ04797-K	CLS8006	800	150	455	505	1176.3	17645	387	709
AQ04798-K	CLS80010	800	250	555	505	1176.3	29408	387	870
AQ04799-K	CLS10002	1000	50	385	560	1465.7	7329	432	729
AQ04800-K	CLS10006	1000	150	485	560	1465.7	21986	432	921
AQ04801-K	CLS100010	1000	250	585	560	1465.7	36643	432	1113

SINGLE-ACTING HIGH TONNAGE CYLINDER

- Single-acting and load return
- Optional tilt saddle
- Baked enamel finish for corrosion resistance
- Overflow port functions as a stroke limiter
- Can withstand >5% of rated load without scoring



Capacity: 50 ~ 1000 Ton
Stroke: 50 ~ 300 mm
Max Operating Pressure: 700 Bar



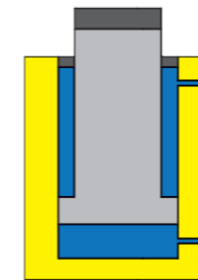
* For a complete set, 3 hoses are required

HYDRAULIC CYLINDER CLRG SERIES SELECTION CHART

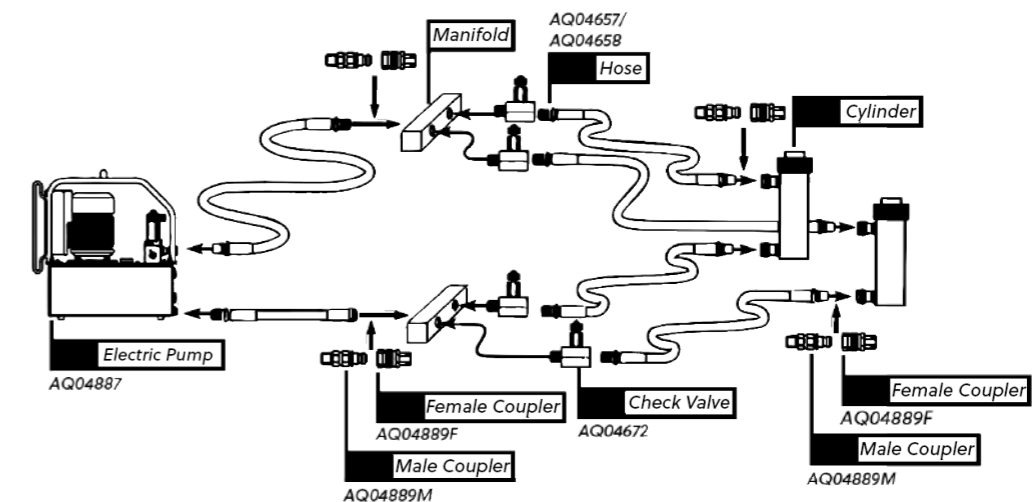
Stock Code	Model	Capacity (Ton)		Stroke (mm)	Min Height (mm)	Outside Diameter (mm)	Effective Area (cm ²)		Oil Capacity (cm ³)		Saddle Diameter (mm)	Weight (kg)
		Push	Pull				Push	Pull	Push	Pull		
AQ04804-K	CLRG506	50	10.5	156	331	127	71.2	21.5	1111	335	80	30
AQ04806-K	CLRG5020	50	10.5	511	733	127	71.2	21.5	3638	1099	95	68
AQ04807-K	CLRG5013	50	10.5	334	509	127	71.2	21.5	2378	718	80	52
AQ04808-K	CLRG1002	100	44	50	182	165	132.7	61.9	664	310	95	27
AQ04809-K	CLRG1004	100	44	100	232	165	132.7	61.9	1327	619	95	33
AQ04810-K	CLRG1006	100	44	150	282	165	132.7	61.9	1991	929	95	37
AQ04811-K	CLRG1008	100	44	200	332	165	132.7	61.9	2654	1238	95	44
AQ04812-K	CLRG10010	100	44	250	382	165	132.7	61.9	3318	1548	95	50
AQ04813-K	CLRG10012	100	44	300	432	165	132.7	61.9	3981	1857	95	57
AQ04814-K	CLRG1502	150	69	50	196	216	198.6	96.5	993	483	114	47
AQ04815-K	CLRG1504	150	69	100	246	216	198.6	96.5	1986	965	114	57
AQ04816-K	CLRG1506	150	69	150	296	216	198.6	96.5	2979	1448	114	67
AQ04817-K	CLRG1508	150	69	200	346	216	198.6	96.5	3972	1930	114	77
AQ04818-K	CLRG15010	150	69	250	396	216	198.6	96.5	4965	2413	114	87
AQ04819-K	CLRG15012	150	69	300	446	216	198.6	96.5	5958	2895	114	97
AQ04820-K	CLRG2002	200	90	50	216	240	265.9	127.0	1328	633	133	67
AQ04821-K	CLRG2006	200	90	150	316	240	265.9	127.0	3984	1898	113	92
AQ04822-K	CLRG20010	200	90	250	416	240	265.9	127.0	6640	3163	113	117
AQ04823-K	CLRG2502	250	109	50	237	285	366.4	152.6	1831	760	165	105
AQ04824-K	CLRG2506	250	109	150	337	285	366.4	152.6	5492	2280	165	141
AQ04825-K	CLRG25010	250	109	250	437	285	366.4	152.6	9153	3800	165	176
AQ04826-K	CLRG3002	300	108	50	350	325	456.2	151.4	2281	756	197	204
AQ04827-K	CLRG3006	300	108	150	450	325	456.2	151.4	6843	2267	197	252
AQ04828-K	CLRG30010	300	108	250	550	325	456.2	151.4	11405	3778	197	299
AQ04829-K	CLRG4002	400	138	50	380	367	559.9	193.5	2800	969	216	281
AQ04930-K	CLRG4006	400	138	150	480	367	559.9	193.5	8399	2907	216	342
AQ04831-K	CLRG40010	400	138	250	580	367	559.9	193.5	13998	4845	216	405
AQ04832-K	CLRG5002	500	177	50	425	405	730.6	247.6	3656	1242	248	411
AQ04833-K	CLRG5006	500	177	150	525	405	730.6	247.6	10967	3726	248	493
AQ04834-K	CLRG50010	500	177	250	625	405	730.6	247.6	18278	6210	248	575
AQ04835-K	CLRG6002	600	211	50	445	440	855.3	295.4	4274	1475	267	494
AQ04836-K	CLRG6006	600	211	150	545	440	855.3	295.4	12822	4424	267	586
AQ04837-K	CLRG60010	600	211	250	645	440	855.3	295.4	21370	7373	267	678
AQ04838-K	CLRG8002	800	277	50	695	515	387.0	885	1939	317	317	759
AQ04839-K	CLRG8006	800	277	150	595	515	387.0	885	17654	5816	317	885

DOUBLE-ACTING HIGH TONNAGE CYLINDER

- Double acting for positive reaction
- Optional tilt saddle
- Hydraulic lock can be installed
- Overflow port functions as a stroke limiter
- Built-in safety valve to prevent over pressurisation



Capacity: 10 ~ 1000 Ton
Stroke: 50 ~ 511 mm
Max Operating Pressure: 700 Bar



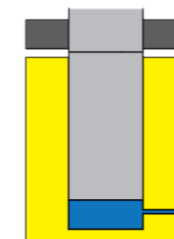
* For a complete set, 6 hoses are required

HYDRAULIC CYLINDER CLL SERIES SELECTION CHART

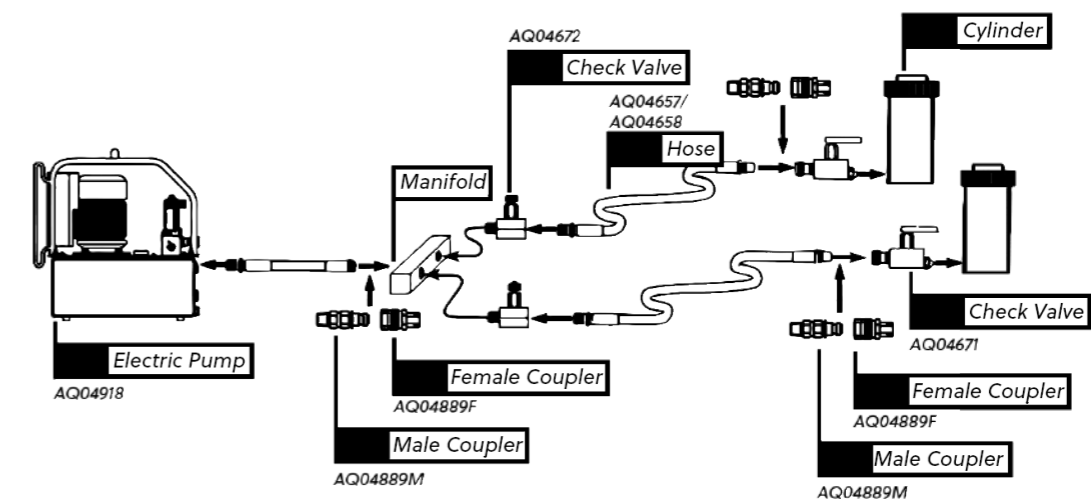
Stock Code	Model	Capacity (Ton)	Stroke (mm)	Min Height (mm)	Outside Diameter (mm)	Effective Area (cm ²)	Oil Capacity (cm ³)	Thread Length (mm)	Weight (kg)
AQ04844-K	CLL502	50	50	164	125	70.9	355	95	15
AQ04845-K	CLL504	50	100	214	125	70.9	709	95	20
AQ04846-K	CLL506	50	150	264	125	70.9	1064	95	25
AQ04847-K	CLL508	50	200	314	125	70.9	1418	95	30
AQ04848-K	CLL5010	50	250	364	125	70.9	1773	95	35
AQ04849-K	CLL5012	50	300	414	125	70.9	2127	95	40
AQ04850-K	CLL1002	100	50	187	165	132.7	664	130	30
AQ04851-K	CLL1004	100	100	237	165	132.7	1327	130	39
AQ04852-K	CLL1006	100	150	287	165	132.7	1991	130	48
AQ04853-K	CLL1008	100	200	337	165	132.7	2654	130	56
AQ04854-K	CLL10010	100	250	387	165	132.7	3318	130	64
AQ04855-K	CLL10012	100	300	437	165	132.7	3981	130	73
AQ04856-K	CLL1502	150	50	209	205	198.6	993	159	53
AQ04857-K	CLL1504	150	100	259	205	198.6	1986	159	66
AQ04858-K	CLL1506	150	150	309	205	198.6	2979	159	78
AQ04859-K	CLL1508	150	200	359	205	198.6	3972	159	92
AQ04860-K	CLL15010	150	250	409	205	198.6	4965	159	104
AQ04861-K	CLL15012	150	300	459	205	198.6	5958	159	117
AQ04862-K	CLL2002	200	50	243	235	265.6	1330	184	83
AQ04863-K	CLL2006	200	150	343	235	265.6	3989	184	117
AQ04864-K	CLL20010	200	250	443	235	265.6	6648	184	152
AQ04865-K	CLL2502	250	50	249	275	265.6	1832	216	116
AQ04866-K	CLL2506	250	150	349	275	265.6	5496	216	162
AQ04867-K	CLL25010	250	250	449	275	265.6	9160	216	210
AQ04868-K	CLL3002	300	50	295	310	456.2	2281	241	173
AQ04869-K	CLL3006	300	150	395	310	456.2	6843	241	233
AQ04870-K	CLL30010	300	250	495	310	456.2	11405	241	293
AQ04871-K	CLL4002	400	50	335	350	559.9	2800	267	250
AQ04872-K	CLL4006	400	150	435	350	559.9	8399	267	327
AQ04873-K	CLL40010	400	250	535	350	559.9	13998	267	402
AQ04874-K	CLL5002	500	50	375	400	731.1	3656	305	367
AQ04875-K	CLL5006	500	150	475	400	731.1	10967	305	466
AQ04876-K	CLL50010	500	250	575	400	731.1	18278	305	567
AQ04877-K	CLL6002	600	50	395	430	854.8	4277	330	446
AQ04878-K	CLL6006	600	150	495	430	854.8	12830	330	562
AQ04879-K	CLL60010	600	250	595	430	854.8	21383	330	679
AQ04880-K	CLL8002	800	50	455	505	1176.9	5882	387	709
AQ04881-K	CLL8006	800	150	555	505	1176.9	17645	387	870
AQ04882-K	CLL80010	800	250	655	505	1176.9	29408	387	1029
AQ04883-K	CLL10002	1000	50	495	560	1466.4	7329	432	949
AQ04884-K	CLL10006	1000	150	595	560	1466.4	21986	432	1141
AQ04885-K	CLL100010	1000	250	695	560	1466.4	36643	432	1333

SINGLE-ACTING LOCK NUT CYLINDER

- Single-acting and load return
- Optional tilt saddle
- Baked enamel finish for corrosion resistance
- Overflow port functions as a stroke limiter
- Can withstand >5% of rated load without scoring
- Safety lock nut holds load in place for prolonged time



Capacity: 50 ~ 1000 Ton
Stroke: 50 ~ 300 mm
Max Operating Pressure: 700 Bar



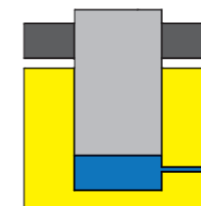
* For a complete set, 3 hoses are required

HYDRAULIC CYLINDER CLP SERIES

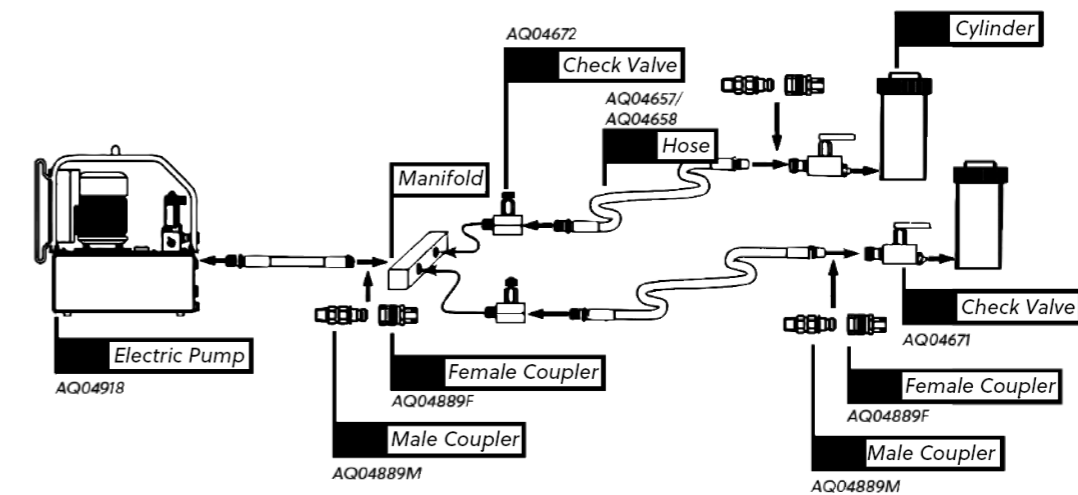
SINGLE-ACTING PANCAKE LOCK NUT RETURN

- Single-acting and load return
- Flat design to be used in confined areas
- Baked enamel finish for corrosion resistance
- Lock nut feature holds load in place for prolonged period of time
- Special bearing design withstands side load forces up to 3% of rated cylinder capacity
- Safety valve to prevent over-pressurisation

Stock Code	Model	Capacity (Ton)	Stroke (mm)	Min Height (mm)	Outside Diameter (mm)	Effective Area (cm ²)	Oil Capacity (cm ³)	Saddle Diameter (mm)	Weight (kg)
AQ04895-K	CLP602	60	50	125	140	86.6	432	104	15
AQ04896-K	CLP1002	100	50	137	175	146.8	734	136	26
AQ04897-K	CLP1602	160	45	148	220	231.3	1040	171	44
AQ04898-K	CLP2002	200	45	155	245	285.6	1285	190	57
AQ04899-K	CLP2502	260	45	159	275	366.8	1650	216	74
AQ04900-K	CLP4002	400	45	178	350	559.5	2517	266	134
AQ04901-K	CLP5002	520	45	192	400	730.6	3287	305	189



Capacity: 60 ~ 520 Ton
 Stroke: 45 ~ 50 mm
 Max Operating Pressure: 700 Bar



* For a complete set, 3 hoses are required

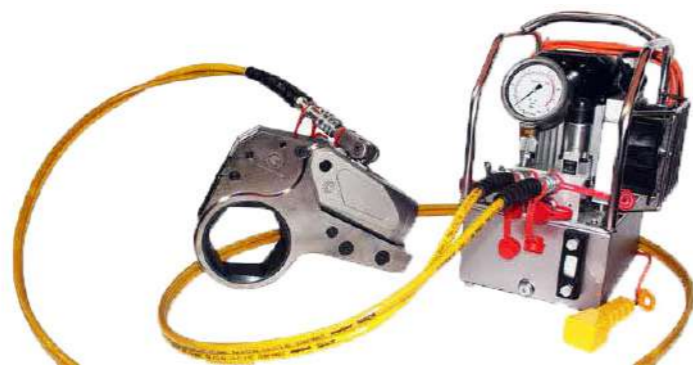
ELECTRIC PUMP FOR TORQUE WRENCHES KTW SERIES

- Remote control length 6m
- Compact automatic three stage flow, max efficiency
- Applicable on either one or two wrenches simultaneously
- Aluminum oil tank with oil gauge and thermometer
- Has a ø100 high pressure gauge
- Infinitely variable pressure adjustment between 70-700 bar
- With the high efficiency radiator, the pump can work for 24 hours continuously
- Motor can be changed to fit different current requirements around the world
- Export components (FP-4) can be changed to drive 4 wrenches simultaneously

To be used with Hydraulic Torque Wrenches

Stock Code	Model	Drive	Tank Capacity (L)	Flow (L/min)			Output Pressure (bar)	Source Of Power	Power	Weight (Kg)	Dimension
				Low	Mid	High					
AQ04665	KTW4000	Electric	8	7.0	1.6	0.8	70-700	100V-250V/ 50Hz-60Hz	1.5KW	27	445 x 355 x 468

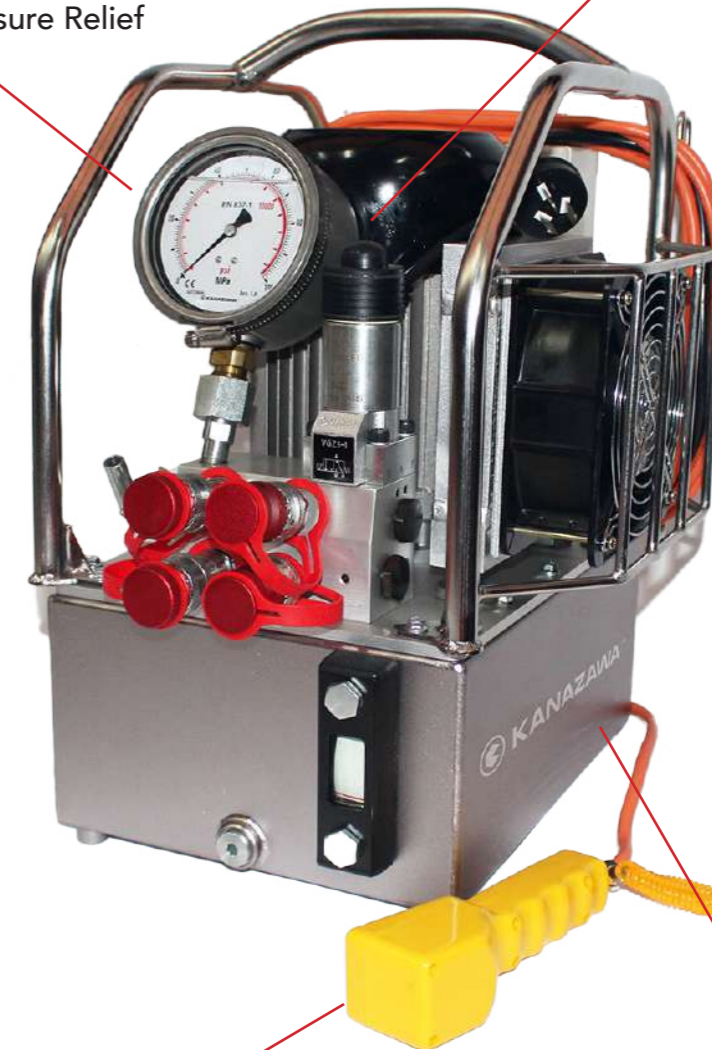
HOSE FOR ELECTRIC PUMP



Stock Code	Model	Max Operating Pressure (Mpa)	Hose End		Hose Length (m)	Compatible Coupler
			End One	End Two		
AQ04659	2JH6445-1	72	1/4" NPT	1/4" NPT	4.5	AQ04888
AQ04660	2JH6460-1	72	1/4" NPT	1/4" NPT	6.0	

Pressure Relief Button, allows release of pressure in the system in the case of pump stoppage. This prevents accidents due to over-pressurization

Pressure Adjustor, Pressure Relief valve (inside the tank)



Aluminum frame contributes to overall light-weightness and rust-resistant.

Length of remote control wire (standard 6m) can be customized according to customers' requirement, on indent basis.

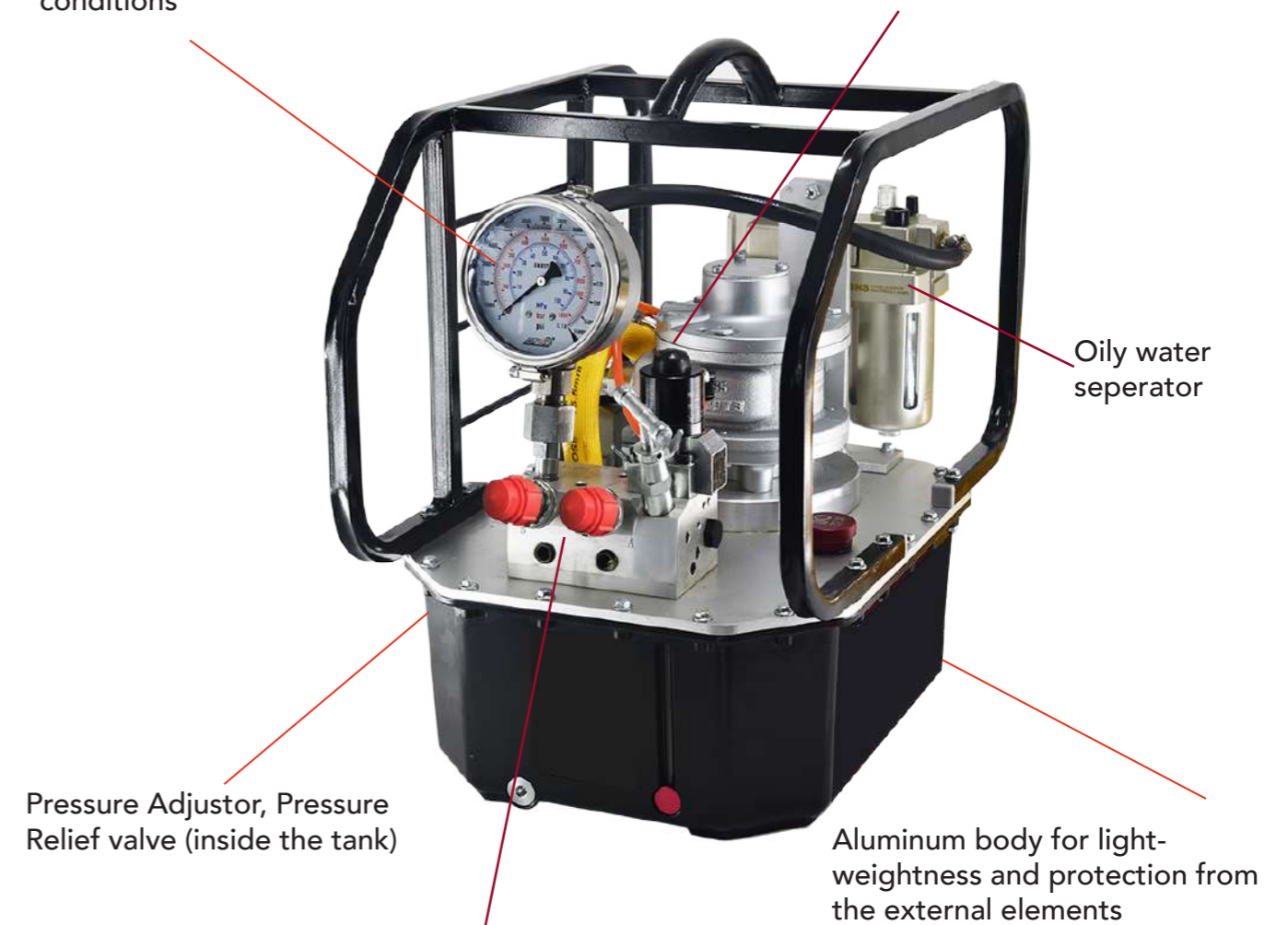
PNEUMATIC PUMP FOR TORQUE WRENCHES KTW SERIES

Stock Code		AQ04886	AQ04730
Model		KTW-4030N-2	KTW-4030N-4
Operating Wrench		2	4
Oil Capacity (L)		8	8
Output Pressure (bar)		70~700	70~700
Drive		Air	Air
Power (kW)		3	3
Flow (L/min)	Low	8.6	8.6
	Mid	2.2	2.2
	High	1.1	1.1
Weight (kg)		21.5	23.5
Dimension (mm)		407 x 289 x 450	407 x 289 x 450

- Input air 4~8 bar
- Compact automatic three stage flow, can start in high pressure
- Applicable on one or two wrenches simultaneously
- Applicable on both one or two wrenches simultaneously
- Aluminum oil tank with oil gauge and motor
- Most compact hydraulic pump at only 21.5kg
- Has a ø100 diameter pressure gauge
- Infinitely variable pressure adjustment between 70-700 bar
- High efficiency cooling system makes the pump suitable in extreme environment
- Optional export components (FP-4) to drive 4 wrenches at the same time

Air relief port: ensures that air driven pump can be operated in cold and hot conditions

Pressure Relief Button: allows release of pressure to prevent over-pressurization in case of pump stoppage



OPTIONAL ACCESSORY:



PUMP FOR CYLINDER KP SERIES

- Remote control length 6m
- Double-speed designed, infinitely variable pressure adjustment between 0-700 bar
- Modularity product, supply more than 200 kinds electric pump and there are 5 different valves to choose, 4-56L multiple oil tank, and many different electrical machineries (100-120V, 200- 240V, 350-420V) to choose from
- KP-series electric hydraulic pumps suits to a wide variety of industrial and application fields to work as lifting, pushing, pulling bending, pressing, punching and many other application. It is an economical and durable power source

To be used with Cylinders, not applicable for Torque Wrenches

Stock Code	Model	Source of Power	Power	Flow (L/min)		Rated Pressure		Valve Type	Details	Diagram	Vol.	Weight (kg)
				High	Low	High	Low					
AQ04887	KP08HT13	220V / 50Hz	1.1 kW Single Phase Power	0.6	5.5	700 bar	650 bar	Type H: Solenoid Valve (double-acting) input/lock/output	By the solenoid valve to operate the double acting tank, it responds quickly, and the reservoir piston will stop at once and keep the pressure for long period		8L	21.5
AQ04918	KP08DT13	220V / 50Hz	1.1 kW Single Phase Power	0.6	5.5	700 bar	650 bar	Type D: Solenoid Valve (single-acting) input/output no pressure hold	Press a button on the solenoid valve to control the outputting and inputting oil of the oil pump		8L	21.5
AQ04963	KP08CT13	220 V / 50Hz	1.1 kW Single Phase Power	0.6	5.5	700 bar	650 bar	Type C: Solenoid Valve (single-acting) pressure hold	By the solenoid valve to operate the single acting tank, easy control, responses, quickly, and keep the pressure for long period		8L	21.5

*380V/50Hz option available, visually similar with 220V/50Hz options



KP08HT13
PUMP FOR CYLINDER KP SERIES

HOSE FOR PUMP CYLINDER

Stock Code	Model	Max Operating Pressure (Mpa)	Hose End		Hose Length (m)	Compatible Coupler
			End One	End Two		
AQ04657	JH7818	1000	3/8" NPT	3/8" NPT	1.8	AQ04889
AQ04658	JH7845	1000	3/8" NPT	3/8" NPT	4.5	

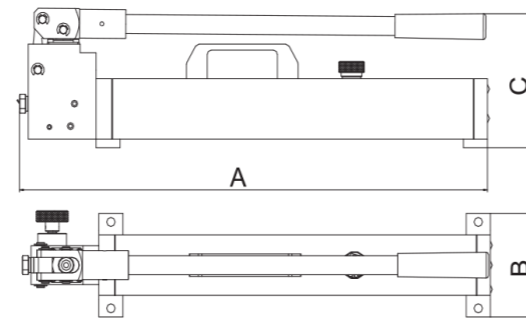
HANDPUMP P SERIES

P-series hydraulic hand pumps are designed for cylinder and hydraulic bolt tensioner. Its pressure anew to two types (70Mpa & 160Mpa), and customers can order every size of oil tank for different equipment.

KANAZAWA carries a wide range of accessories for this series. These products are designed for serving true resolutions, and entitled with TUV seal under CE testing.

Stock Code	Model No.	Pressure (mpa)		One Stroke Oil (ml)		Full Tank Oil (ml)	Available Oil (ml)	Handle Force (N)	Size (mm)			Oil Interface	Gauge Interface	Weight (kg)
		Low	High	Low	High				A	B	C			
AQ04661	P392	2.5	70	32	2.5	1670	1440	300	577	120	170	3/8"NPT	1/4"NPT	6.3
AQ04662	P80	2.5	70	32	2.5	2259	1980	300	577	120	170	3/8"NPT	1/4"NPT	8
AQ04663	P160	2.5	70	32	2.5	3580	3240	300	577	140	190	3/8"NPT	1/4"NPT	10
AQ04664	P462	2.5	70	32	2.5	6480	5860	350	577	220	190	1/4"BSP	1/4"NPT	14.5

- Equipped with a pressure regulating valve, to adjust the output pressure
- Built-in high and low pressure switching valve with low pressure high flow rate output
- Aluminum titanium alloy corrosion resistant, high strength, lightweight, impact resistant, adapts to a variety of harsh environments
- Ultra high-pressure hand pump (160Mpa) is available on request



P80
HYDRAULIC HAND PUMP

HOSE FOR HAND PUMP

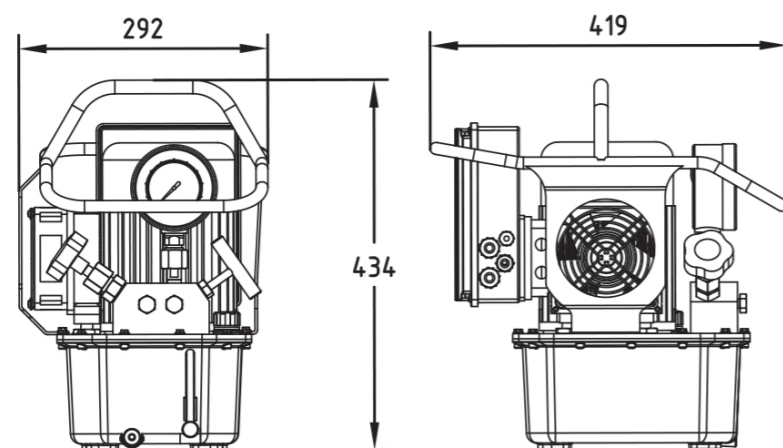


Stock Code	Model	Max Operating Pressure (Mpa)	Hose End		Hose Length (m)	Compatible Coupler
			End One	End Two		
AQ04657	JH7818	1000	3/8" NPT	3/8" NPT	1.8	AQ04889
AQ04658	JH7845	1000	3/8" NPT	3/8" NPT	4.5	

ELECTRIC TENSIONER PUMP

- The pump with cooling system can be used continuously for 24 hours
- Single-Acting, High Performance
- Can be used for bolt tensioner in shipping vessel and wind power industry
- Accurately adjust output pressure in range of 10,000~43,500 psi
- Easy to be connected with quick releasing couplings
- Convenient to carry with compact design

Stock Code	Model	Voltage/ Frequency	Tank Capacity	Flow (Low- High)	Max Output Pressure	Output Port Size	Power	Weight	Dimension (mm)
AQ04960	KLP 3-20	220V/50Hz	6L	6-0.3L/ min	2000Bar	2 x 1/4" BSP	1.1kW	27 kg	419 x 292 x 434
AQ04961	KLP 3-20D	115V/60Hz	6L	6-0.3L/ min	2000Bar	2 x 1/4" BSP	0.9kW	27 kg	419 x 292 x 434



KLP3-20
MANUAL ELECTRIC TENSIONER PUMP

PNEUMATIC TENSIONER PUMP

- The pump with cooling system can be used continuously for 24 hours
- Single-Acting, High Performance
- Can be used for bolt tensioner in shipping vessel and wind power industry
- Accurately adjust output pressure in range of 10,000~43,500 psi
- Easy to be connected with quick releasing couplings
- Convenient to carry with compact design

Stock Code	Model	Air In	Tank Capacity	Flow (Low-High)	Max Output Pressure	Output Port Size	Power	Weight	Dimension (mm)
AQ04962	KLP3-20N	4-8 Bar	6L	6 - 0.26L/min	2000 Bar	2 x 1/4" BSP	3 kW	24 kg	418 x 267 x 434



KLP3-20N

AIR DRIVEN ELECTRIC TENSIONER PUMP

DOUBLE ACTING HAND PUMP HHB SERIES

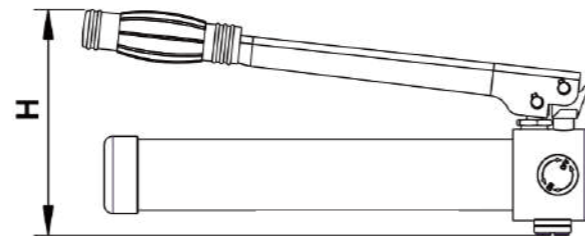
Our Double acting hand pumps have a robust and durable construction. They are 700bars and come with an internal two-speed hydraulic system for fast & easy operation. They are supplied with 1.8m hoses.

Stock Code	Model No.	Working Pressure (bar)		Oil Displacement per Stroke (cm ³)		Reservoir (cm ³)		Dimension (mm)			Weight (kg)	Coupler Size
		Low	High	Low	High	Oil Capacity	Usable Oil Capacity	L	B	H		
AQ04688	HHB-842	20	700	13	2.3	3500	3000	710	150	275	18.6	3/8"
AQ04689	HHB-464	20	700	126.2	4.75	7500	7000	740	310	330	27.5	3/8"

HHB-824

DOUBLE ACTING HAND PUMP

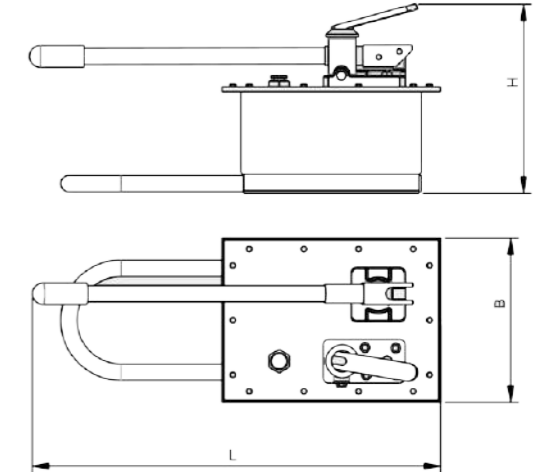
- Quick grip handle design for easy transport
- Reduced handle effort and ergonomic grip for less operator fatigue
- Internal pressure relief valve for overload protection
- Large oil capacities to power a wide range of cylinders or tools
- HHB-824 is supplied with Gauge



HHB-464

DOUBLE ACTING HAND PUMP

- HHB-464 features extra large reservoirs and high first-stage flow rate. These pumps are ideally suited for powering high-capacity cylinders
- Large release valve handle for controlling load descent
- Supplied without Gauge



STANDARD SPLIT FRAME PIPE CUTTING AND BEVELLING MACHINE

The standard split frame pipe cutting and bevelling machine, is designed to cut, bevel, single point, counterbore and face on the pipe, tube and flanges. It is a portable pipe cutting and bevelling machine tools of clamshell style. Smartly designed, it is able to split in half at the frame, and is easy to install on the pipe line. It is comprehensively used in pipework of oil, gas, food, petroleum, chemical, boiler, medicine machine, nuclear power, and power supply construction. 16 models are available in 6 inch (152.4mm) increments, with additional sizes available on request.

Stock Code	Model No.		Capacity OD		Wall Thickness (mm)		Rotating (rpm)
	Pneumatic	Hydraulic	mm	inch	Single	Multi	
AS00800	ISF-168	KSF-168	ø25-168	1"-6"	30	50	24
AS00801	ISF-323	KSF-323	ø168-323	6"-12"	30	75	23

Power Supplies:



Pneumatic

- Explosion Proof, Stable Performance, Easy maintenance
- Air requirement: 1500-3500L/min @0.63-0.8Mpa
- Power: 2HP, 3HP, 4HP
- Double motor for big model or heavy duty

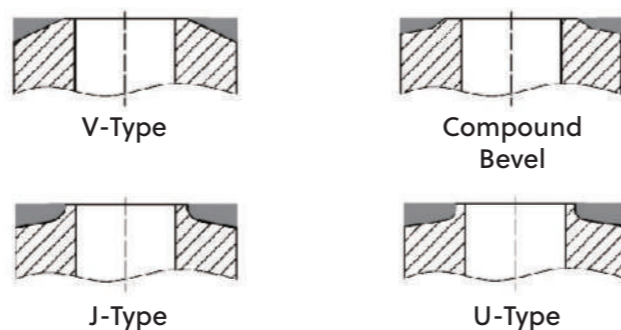


Hydraulic

- Powerful drive, High efficiency, Stable Performance, Low noise, Anti-explosion, Ideal for heavy wall thickness & large size pipe
- Hydraulic requirement: 28-50L/min@13Mpa
- Electric requirement: 380V, 3PH, 50/60Hz

- 16 models, Working range for pipe OD 1" - 48"
- Non-standard model can be customized
- Out-mounted style, clamping by multipoint jaws
- Split frame technology, easy to install on the pipeline
- Cold cutting and bevelling will not affect the pipe's material
- Auto feed, cutting and bevelling can operate at the same time, increasing work efficacy & cost effectiveness
- A variety of bevelling shape: U, V, Y, J and compound bevels
- Stationary ring is steel; rotation ring is aluminum, and steel optional
- Multiple drive options are available for specific machining application
- It can be equipped with a wide range of accessories to increase its performance and enhance its capabilities

Bevelling Shape:

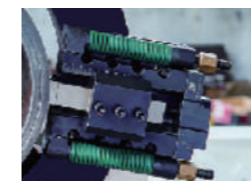


Tool Slide:



Standard Tool Slide

Used for conventional pipe
Wall thickness of single point: 30mm
Wall thickness of multi point: 110mm
Radial travel:154mm



OD Tacking Slide

Solution for out-of-round pipe
max. wall thickness: 110mm
Radial travel: 110mm



Drilling & Milling Slide

Solution for problem of stress damage to the tool
Improve the cutting efficiency
Improved safety factor



Surface Turning Slide

Surface turning, removal anti-corrosion layer
Radial travel: 110mm
Axle travel: 200mm



Counterbore Slide

Used for pipe inside diameters
Radial travel: 110mm
Axle travel: 100mm



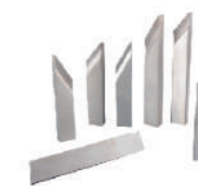
Bridge Slide

Single point heavy wall machining
Flange facing
Counterboring



Tooling:

Options of form type and insert type tools.
Available for cutting all thickness and material of pipe and bevelling at any required angle.



Form Type

Material: M42 or M35
Kinds: Cut off, bevels, Double bevels, Compound bevels
Angle: 0°, 30°, 37.5°, double 30° / 37.5°, 37.5° + 10°



Insert Type

Material: Tool holder: 40Cr
Insert: CSS or Carbide
Kinds: Cut off, bevels, Double bevels, Compound bevels
Angle: 0°, 30°, 37.5°, double 30° / 37.5°, 37.5° + 10°

MAGNETIC BACKUP WRENCH

The BW-Series magnetic backup wrenches simplest way to stop a nut rotation. easy to use and is versatile

When torquing or loosening nuts, the thin profile of the MBW Backup wrench prevents the nut on the opposite side of the stud from turning.

No hydraulic, just mechanical & hands free operation, eliminate injuries on hand and fingers.

Eliminate sparks caused from the use of slugging /striker wrenches. Reduce time of operation and improves productivity.

Model No.	Across Flat (mm)	Across Flat (in)	Load Limits (Ft.lbs)	Load Limits (Nm)
BW308	85	3-1/2"	7200	9762
BW311	90	3-11/16"	7300	9897
BW314	95	3-7/8"	9000	12202
BW400	100	4"	24000	32539
BW402	105	4-1/8"	24000	32539
BW404	110	4-1/4"	24000	32539
BW408	115	4-1/2"	25000	33895
BW410	120	4-5/8"	27000	36607
BW500	130	5"	27000	36607
BW506	135	5-3/8"	27000	36607
BW512	145	5-3/4"	28000	37962

1. Place backup wrench on operated nut
2. Rotate backup wrench in counter-clockwise side until release bolt touching reaction points
3. If the release bolt cannot close, the reaction points after rotation, user can also the run release bolt a little out to make it to touch reaction points.
4. After finishing torque operation by hydraulic torque wrench, loosen the release bolt with a manual wrench (or other similar wrench),
5. Take the backup wrench off and proceed to the next operated nut.

Wide range of metric and imperial sizes available
Nut Across Flat Range: 30 mm - 145 mm (1 1/4" - 5 3/4")

Model No.	Across Flat (mm)	Across Flat (in)	Load Limits (Ft.lbs)	Load Limits (Nm)
BW104	30	1-1/4"	2400	3254
BW107	36	1-7/16"	2500	3390
BW110	41	1-5/8"	3500	4745
BW113	46	1-13/16"	3500	4745
BW200	50	2"	4100	5559
BW203	55	2-3/16"	4200	5694
BW204	57	2-1/4"	4300	5830
BW206	60	2-3/8"	4300	5830
BW209	65	2-9/16"	4550	6169
BW212	70	2-3/4"	5600	7592
BW215	75	2-15/16"	6300	8542
BW302	80	3-1/8"	7000	9491

MAGNETS EMBEDDED

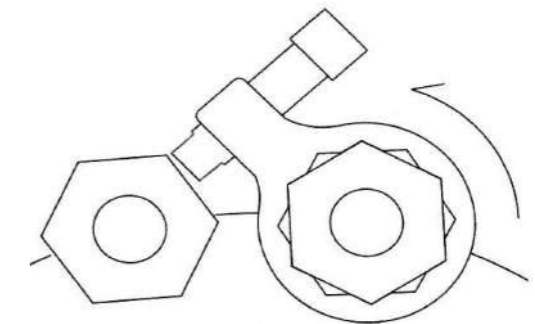
creates a magnetic field and force that attracts other ferromagnetic materials.

HIGH STRENGTH
heat treated material
heavy duty.



BI-HEXAGONAL DESIGN

provides the ultimate mixture of versatility and durability



SPRING RETURN BOLT TENSIONER KSR SERIES



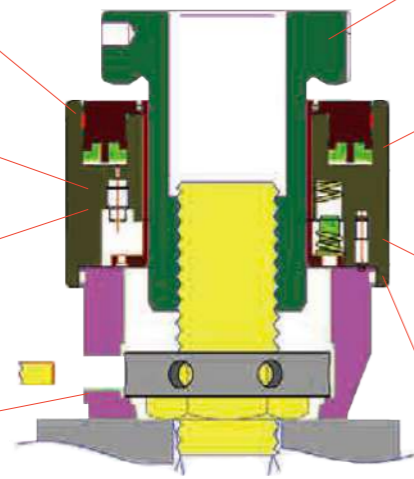
- High strength material, small dimension with compact structure, light, convenient to carry
- Max tool pressure - 21750psi(1500bar)
- Bolt protrusion above nut=1xbolt diameter
- "D" includes an allowance for tool removal after bolt tightening with 10mm tlls stroke
- Weight excludes puller sleeve
- Product development is constantly taking place and dimensions may change without notice
- Order a load cell and an adaptor kit to make a complete tensioner. Each is sold separately

· Over-stroke warning line

· Over-stroke protection

· Easy operation with anti-skid function

· Easy to check the spatial location between bridge and gasket with observation hole

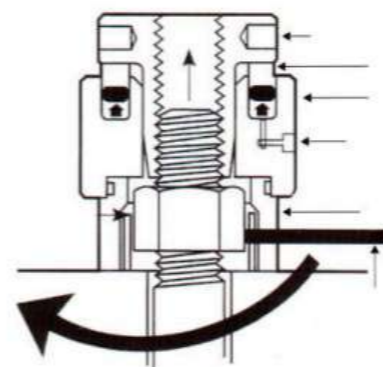
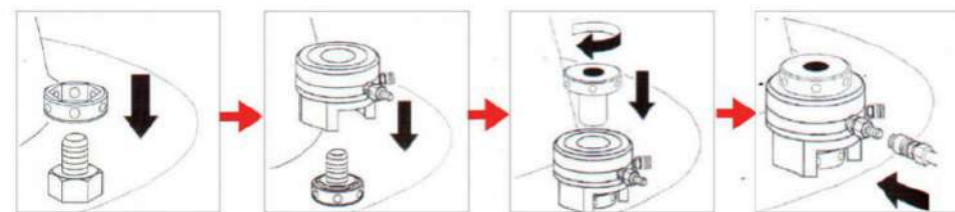


· Two rotation way: manually or with Tommy bar

· Using unique patented seals to ensure the service life under ultra-high pressure of 1500 bar

· Internally installed with auto return function to prevent from pollution and sand, reduce the equipment failure rate

· Quick disassembling and assembling function



Stock Code	Model	Bolt Size	Tool Load (kN)	Effect Area (mm ²)	Maximum Stroke (mm)	Cylinder Retract	Maximum Working Pressure	Weight (kg)	Dimension (mm)			
									A	B	C	D
AQ05130	KSR 0	3/4" M20 7/8" M22	160	1067	10	Manual Retract	1500Bar	2.5	66.8	92.5 92.5	63 63	113.5 113.5
AQ05131	KSR 1	1" M24 1.1/8" M30	280	1867	10	Spring Retract	1500Bar	3.7	85	116.5 116.5 119.5	68 68 76	141.5 141.5 144.5
AQ05132	KSR 2	1" M24 1.1/8" M30 1.1/4" M33 1.3/8" M36	450	3003	10	Spring Retract	1500Bar	5.5	103	116.5 116.5 119.5 122.5 122.5	75 75 80 84 88.5	141.5 141.5 144.5 147.5 150.5
AQ05133	KSR 3	1.1/4" M33 1.3/8" M36 1.1/2" M39 1.5/8" M42	660	4400	10	Spring Retract	1500Bar	7.5	118	122.5 122.5 129 132	92 96 105 104.5	149.5 152.5 156 159
AQ05134	KSR 4	1.1/2" M39 1.5/8" M42 1.3/4" M45 1.7/8" M48 2" M48	1000	6669	10	Spring Retract	1500Bar	11.5	140.5	131.5 134.5 138 141 144	112 114 126 123 128	163.5 166.5 170 173 17
AQ05135	HSR 5	2" M52 2.1/4" M56 M60 2.1/2" M64 M68 M70 2.3/4"	1500	10002	10	Spring Retract	1500Bar	18.5	175.5	148 154.5 154.5 161 161 161 167	134 148 148 153 153 153 165	187 193.5 19.5 200 200 200 206
AQ05136	KSR 6	2.3/4" M72 3" M76 M80 3.1/4" M85 3.1/2" M90	2500	16670	10	Spring Retract	1500Bar	33	219	167 174 174 180 180	172 182 182 190 205	216 223 223 229 235
AQ05137	KSR 7	3.1/2" M90 M95 3.3/4" M100 4"	3200	21336	10	Spring Retract	1500Bar	47	252	186 186 192 199	230 230 235 242	241 241 247 254
AQ05138	KSR 8	4" M105 4.1/4" M110 4.1/2" M115	4100	27336	10	Spring Retract	1500Bar	63.5	283	199 199 205 212	255 255 270 277	264 264 270 277

HYDRAULIC GAUGES AND ADAPTORS



GA-3
1/4" NPT GAUGE ADAPTOR



GA-20
1/2" BSP GAUGE ADAPTOR

Stock Code	Model	External Screw Thread	Face Diameter	Pressure (PSI)	Stock Code	Model	Max Operating Pressure	Oil Interface	Gauge
AQ04669	GN0607-S	1/4" NPT	2-1/2"	0-10000	AQ04666	GA-3	70Mpa	3/8" NPT	1/4" NPT
AQ04670	GG1010	1/2" BSP	4"	0-10000	AQ04667	GA-20	200Mpa	1/4" BSP	1/2" BSP

- Standard calibration with dual scale reading for psi and bar
- All the pressure sensing components are sealed with glycerin and dampened proofed to guarantee durability
- Includes a safety seal ring and pressure equalling membrane



Compatible with Kanazawa P Series Hydraulic Hand Pump.

SUPERHIGH PRESSURE SERIES CHECK VALVES



V-66
MANUALLY OPERATED CHECK VALVE



V-82
NEEDLE VALVE

Stock Code	Model	Description	Application	Hydraulic Symbol
AQ04671	V-66 Manually Operated Check Valve	Used for load holding applications with single and double acting cylinders. Valve is manually opened to allow oil to flow back to tank when cylinder retracts	Single-acting hydraulic pump and double acting hydraulic pump	
AQ04672	V-82 Needle Valve	Able to control cylinder speed by regulating the flow of hydraulic fluid to or from the cylinders. Can also be used as a shut-off valve for temporary load holding. Female port: 3/8" NPT	Single-acting hydraulic pump and double acting hydraulic pump	

C SERIES QUICK COUPLERS



Stock Code	AQ04888	AQ04889
Model	C901	C902
Max Operating Pressure	70Mpa	70Mpa
Male Half	C9014 (AQ04888M)	C9024 (AQ04889M)
Female Half	C9013 (AQ04888F)	C9023 (AQ04889F)
Connecting Port	With Teeth 1/4" NPT	Without Teeth 3/8" NPT

J SERIES CONNECTING



Stock Code	Model	Specification
AQ04920	J01-03	NPT 3/8" (F) - NPT 3/8" (F)
AQ04921	J02-06	NPT 1/4" (M) - NPT 1/4" (M)
AQ04922	J02-07	NPT 1/4" (M) - NPT 3/8" (M)
AQ04923	J02-10	NPT 3/8" (M) - NPT 3/8" (M)
AQ04924	J03-01	NPT 1/4" (m) - G 1/4" (F)
AQ04925	J03-06	NPT 1/4" (F) - G 1/4" (F)
AQ04926	J03-07	NPT 1/4" (F) - NPT 3/8" (M)

MANIFOLD

Allow distribution of hydraulic fluid from one power source to several cylinders. Working pressure 700 bar, outlet port 3/8" NPT

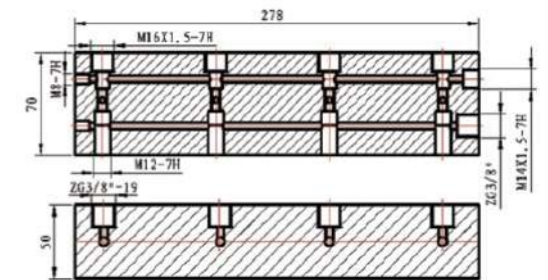
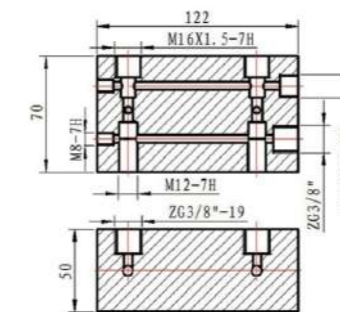


AQ04928
4-PORT MANIFOLD

Stock Code	Port	Dimensions (mm)	Weight (kg)
AQ04927	2-port	122 x 50 x 70	3.5
AQ04928	4-port	27 x 50 x 70	8.2



AQ04927
2-PORT MANIFOLD



02

MATERIAL HANDLING & LUBRICATING PUMPS

Hoists and Trolley
72 - 91



Clamps
92 - 97



Polyester Belts/Slings
98 - 101



Lifter, Pallet Trucks, Stackers and Crane
102 - 115



Jacks
116 - 123



Air Grease Lubricator
124 - 125



Lever Type Oil and Grease Pump
126 - 129



Accessories
130



CHAIN BLOCK

- Load Chain Grade G80
- Meets or exceeds all industrial standards including EN13157:2003 and ASME/ANSI B30.21 requirements
- Conforms to Machinery Directive 98/37/EC
- Reinforced double ratchet pawl brakes with large diameter pawl springs for a highly dependable brake system, increase overall safety.
- Both hooks are hot forged, heat-treated swivel, and equipped with safety latch
- Load chain container available upon request
- MOM Testing / Re-testing certification service available
- Hand Chain – Length adjustment / replacement service available
- Load Chain – Length adjustment / replacement service available
- Can be used with Plain Trolley / Gear Trolley



Stock Code	Ca- pacity (ton)	Std. Lift (m)	Proof Test Load x 1.5 Capacity (Ton)	Effort Required to Lift Rated Load (N)	No. Of Columns Of Load Chain	Diameter of Load Chain (mm)	Dimensions				Net Weight (kg)	Extra Weight Per Metre Of Extra Lift (kg)
							A	B	C	D		
AQ01057	0.5	2.5	0.75	231	1	6	115	136	270	25	7	1.5
AQ01059	1	2.5	1.5	309	1	6	143	156	317	27	10.5	1.8
AQ01061	1.5	2.5	2.25	320	1	7.1	148	182	399	34	17	2.1/2.3
AQ01063	2	3	3.0	320	1	8	152	198	414	36	18	2.3
AQ01065	3	3	4.5	360	2	7.1	148	182	465	38	21	3.1
AQ01067	5	3	7.5	414	2	10	181	266	636	48	40	5.4
AQ01068	7.5	5	11.25	420	3	10	181	365	798	57	52	7.3
AQ01069	10	5	15	420	4	10	181	365	798	57	70	9.8
AQ01070	15	5	22.5	430	6	10	181	485	920	84	125	14.2
AQ01071	20	5	30	420 x 2	8	10	192	930	890	84	162	19.6
AQ01119	30	3	45	450 x 2	12	10	330	670	1000	84	228	28.3
AQ01121	50	3	75	450 x 2	22	10	410	900	1950	130	1085	50
AQ01122	75	3	112.5	450 x 2	30	10	570	900	2100	160	1600	68
AQ01123	100	3	150	450 x 2	38	10	675	900	2300	180	1800	87

1. Steel Formed Cases

Both gear and hand chain wheel are protected by Hydraulic drew cases which are ideally shaped and rugged to be able to withstand external shocks.

2. Double Housing Protection

Hand wheel and brake are designed with protection to prevent wet and dirt.

3. Brake Mechanism

Regardless of the load's weight, the brake works instantly when operation stops; the lining material is non-asbestos with long lifetime.

4. Dual Ratchet Pawls

Dual Ratchet Pawls are applied for extra safety purpose. In case one ratchet pawl fails, the other still maintains its mechanical brake function.

5. Chain Guide/Load Sheave

Ensures the load chain fit the load sheave properly during operation and protect the load sheave from wetness and dirt.

6. Bushing

Bushing finished by surface hardened treatment and polish procedure serves to increase the mechanical efficiency and reduce the hand chain pull force.

7. Chain Stopper

Works as the lower limit to prevent over traveling during lowering of the load.

8. Load Chain

Applying grade 80 alloy chain specially calibrates for manual hoists and conforms to ISO and DIN standard.

9. Top and Bottom Hooks Ass'y / Hook

Housing Hooks with hot forged and heat treatment allow to be swiveled 360 degrees and are equipped with safety latch to ensure proper hooking the load.



ELECTRIC CHAIN HOIST

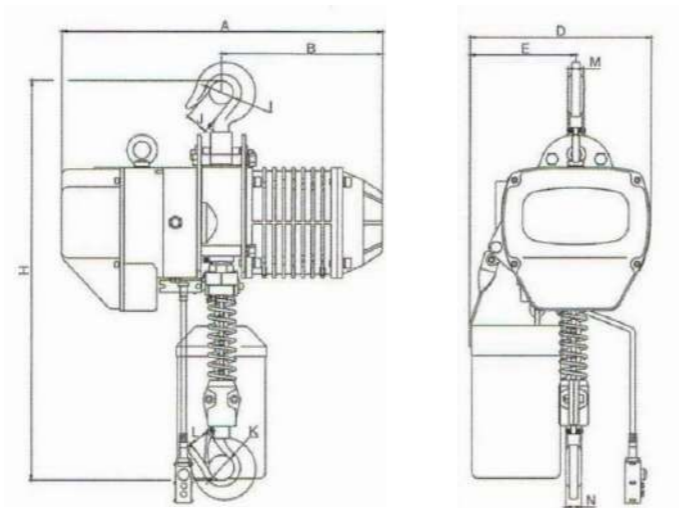
Stock Code		AQ01193	AQ01194	AQ01195	AQ01196	AQ01197	AQ01198
Capacity (ton)		1	2	3	5	7.5	10
No. of Load Chains		1	1	2	2	3	4
Load Chain Diameter		Φ7.1	Φ10.0	Φ10.0	Φ11.2	Φ11.2	Φ11.2
Standard Lift (m)		6	6	6	6	6	6
Lifting Speed (m/min)		6.8	6.6	3.3	2.8	1.8	2.8
Power (kW)		1.5	3	3	3	3	3 x 2
Rotation Speed (r/min)		1440	1440	1440	1440	1440	1440
Lifting Motor	Phase	1 or 3	3	3	3	3	3
	Voltage (v)	230 or 415	415	415	415	415	415
	Frequency (Hz)	50	50	50	50	50	50
	A	520	620	620	620	615	630
	B	260	310	310	310	295	315
	D	300	430	430	430	572	890
	E	176	265	320	325	378	890
	H	600	800	950	1030	1100	1400
	I	Φ40	Φ49	Φ59	Φ60	Φ54	Φ90
	J	31	35	42	45	Φ31	70
	K	Φ40	Φ49	Φ59	Φ60	Φ85	Φ90
	L	Φ31	Φ35	Φ42	Φ45	80	65
	M	24	30	35	43	85	107
	N	24	30	35	43	85	50



AQ01193
1 TON ELECTRIC CHAIN HOIST



AQ01198
10 TON ELECTRIC CHAIN HOIST



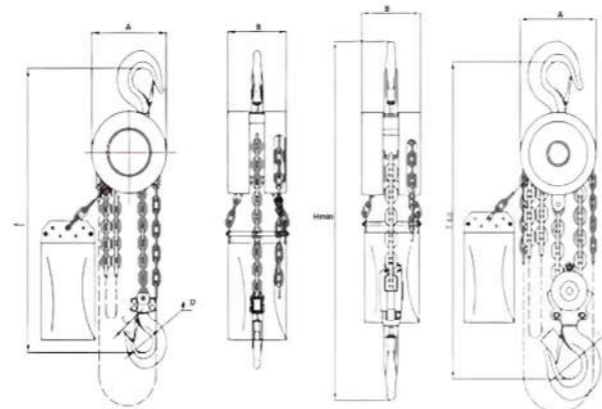
Standard Chain bucket can hold up to 9m lifting height

EXPLOSION-PROOF CHAIN HOIST

Kanazawa's premium manual chain hoists are engineered to meet the stringent standards for spark resistance. The KBSQ Series offer a new level of corrosion resistance designed for harsh and potentially hazardous environments. Special coatings are applied on critical parts to reduce the need for maintenance.

Stock Code	AQ01230	AQ01231	AQ01232	AQ01233	AQ01234	AQ01235	AQ01236	AQ01237
Model	KBSQ0.5	KBSQ1	KBSQ2	KBSQ3	KBSQ5	KBSQ7.5	KBSQ10	KBSQ20
Capacity (ton)	0.5	1	2	3	5	7.5	10	20
Lifting Height (m)	5	5	5	5	5	5	5	5
Test Load (ton)	0.75	1.5	3	4.5	7.5	11.2	12.5	25
No. of Load Chain Fall Lines	1	1	2	2	2	3	4	8
Dimensions (mm)	A	142	142	142	178	266	350	580
	B	130	130	130	150	170	170	170
	H min	300	326	440	600	650	880	1000
	D	30	43	50	63	65	72	106
Net Weight	12	13	16	26	38	66	83	180
Load Chain Diameter	10mm x 30mm							

- Explosion-proof chain hoists can be used alone or together with electric hoists, chains or electric trolleys. Assemble and hang on the roof of the building or the beam of the crane for use
- It can also be used with monorail trolleys for the function of moving left and right to lift heavy objects
- The installation and disassembly of explosion-proof chain hoists are very convenient, safe and fast
- The explosion-proof chain hoist is made of aluminum bronze and beryllium bronze, and the shell of the chain hoist is H62 copper alloy material for superior rust prevention & maximum life in harsh environments
- The frictional parts include the hoisting wheel, hand chain wheel, wall plate, hook, and gear shaft of the chain hoist, are made of aluminum bronze and beryllium bronze alloy materials for spark resistance
- Explosion Proof - Ex c II Gb



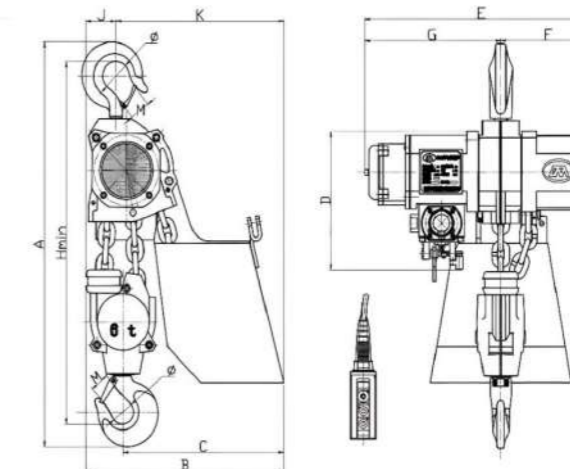
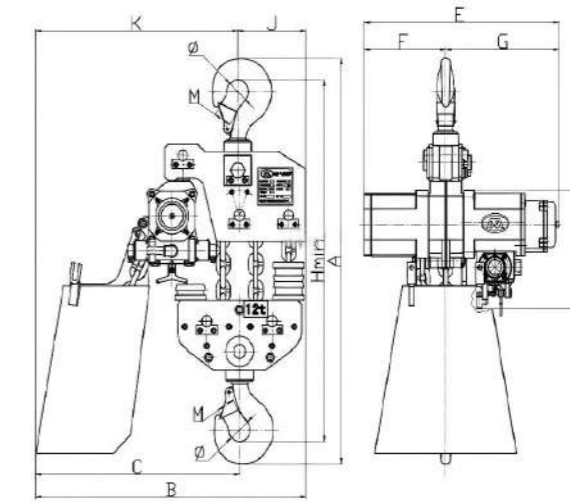
AIR CHAIN HOIST

Stock Code	AQ02000	AQ02001	AQ02002	AQ02003	AQ02004	AQ02005	AQ02006	AQ02007	AQ02008	AQ02009	
Model	KM0.25-1	KM0.5-1	KM1-1	KM2-2	KM3-3	KM5-2	KM6-2	KM9-3	KM10-4	KM12-4	
Work Class	M3										
Lifting Capacity (ton)	0.25	0.5	1	2	3	5	6	9	10	12	
Lifting Height (m)	3	3	3	3	3	3	3	3	3	3	
Quantity of Chain	1	1	1	2	1	2	2	3	4	4	
Motor Output Power (kW)	0.75	0.75	0.75	0.75	0.75	3.5	3.5	3.5	3.5	3.5	
Working Air Pressure bar (kg/cm ²)	4~6	4~6	4~6	4~6	4~6	4~6	4~6	4~6	4~6	4~6	
Ascending Velocity w/o Load (m/in)	30	20	8	5	3	3.3	3	2	2	1.5	
Ascending Velocity Rated Load (m/min)	15	10	4	2	1.3	2	1.8	1.2	1	1	
Descending Velocity Rated Load (m/min)	30	20	9	4.5	3	5	5	3	2	2	
Descending Velocity w/o Load (m/min)	20	14	4.5	2.5	1.5	3.5	2.8	1.5	1.3	1.3	
Air Consumption (m ³ /min)	1	1.3	1.5	1.5	1.5	5.5	5.5	5.5	5.5	5.5	
Gas-type Fitting (inch)	RC1/2	RC1/2	RC1/2	RC1/2	RC1/2	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	
Air Pipe Inner Diameter (mm)	12	12	12	12	12	25	25	25	25	25	
Load Chain Diameter (mm)	6 x 18	6 x 18	7 x 21	7 x 21	7 x 21	13 x 36	13 x 36	13 x 36	13 x 36	13 x 36	
Length of Controller Pipe (mm)	3	3	3	3	3	3	3	3	3	3	
Ascending Noise - Rated Load (db)	76	76	77	77	77	79	79	79	79	79	
Descending Noise - Rated Load (db)	79	79	79	79	79	79	79	79	79	79	
Weight (kg)	23	23	35	41	50	122	122	145	145	165	
Measurement (mm)	A	492	492	520	624	814	900	900	1097	1075	1075
	B	210	210	268	268	434	470	470	680	790	790
	C	173	173	200	200	293	397	397	546	592	592
	D	229	229	229	229	229	258	258	258	258	258
	E	363	363	428	428	428	571	571	571	571	571
	F	160	160	225	225	225	236	236	236	236	236
	G	203	203	203	203	203	335	335	335	335	335
	H min	440	440	468	540	676	800	800	970	950	950
	J	42.5	42.4	54	54	150	65.5	65.5	145	197.5	197.5
	K	167.5	167.5	214	214	284	404.5	404.5	535	592.5	592.5
	L	Φ40	Φ40	Φ40	Φ48	Φ56	Φ56	Φ56	Φ63	Φ63	Φ63
M	27	27	32	38	45	45	45	50	50	50	

*Standard Chain bucket can hold up to 5m lifting height

ISO Standards

EN 1127-1:2001
 EN 1127-2:2014
 EN 1710:2005+A1:2008/AC:2010
 EN ISO 80079-36:2016,
 EN ISO 80079-27:2016



- Precision components such as motors and pistons are manufactured by high-precision imported machining centers
- The planetary gear is made of alloy steel, the heat treatment process is in accordance with the standard regulations, and it is lubricated with extreme pressure lithium-based grease
- The chain adopts T8-level calibrated short-link chain for lifting, which meets the mechanical properties and maximum allowable load factor of chains of different ISO working levels, and its safety factor is 5 times that of the standard tension hook
- The hook adopts the highest level of GB/T10051 strength level - V level, small size, light weight and excellent performance
- Emergency Stop function is included

CASE STUDY

INITIAL SITUATION

- Manpower shortage
- Lifting of long modules to top of the building
- Portable solution that can be transported from site to site for different projects
- Dusty environment
- Accuracy to be within 10mm

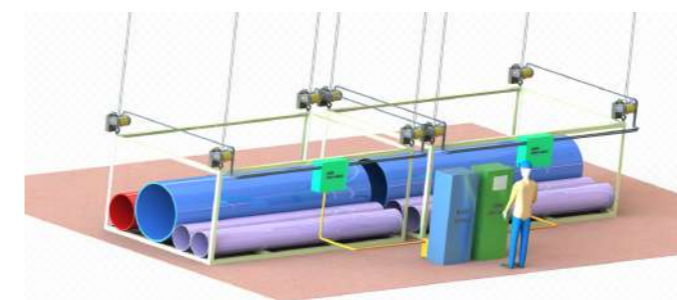
SOLUTION

- Synchronised lifting function chain hoist
- Light & portable hoists made of Aluminium alloy, CNC body processing
- Individual / group control – 40units of chain hoist at once
- Height difference of the hoists is kept below: 10mm accuracy
- Easy & fast connection set up
- Manpower reduction from 10 to 2

Synchronised Electric Chain Hoist	
Load Capacity (1 hoist)	1 T
Load Capacity (1 set of 4 hoists)	4.0T, uniform loading. For uneven loading, ensure that the load on each chain hoist is $\leq 1.0T$.
Lifting Height	11m
Lifting Speed	0.75m/min (can set 0.5 to 3m/min)
Power Supply	220V, 50Hz
Tolerance (within specified loading capacities)	10mm
Fine tuning of individual hoists	Yes
Pre-Set Lifting Heights	Yes
Electronic Limit Switch	Yes
Mechanical Limit Switch	Yes
Hard Limit Switch	Yes
Safety Function	Automatic brake when power is cut off
Weight per chain hoist inclusive of 11m chain	Approx. 37.1kg
Weight of chains for 11m lifting height	Approx. 12kg
Breaking Strength Of Chain	31kN
Safety Factor Of Lifting	4:1
Range of wireless transmission of signal (without interference) of the remote controller to the main controller	100m



Scan here to view more on our official website



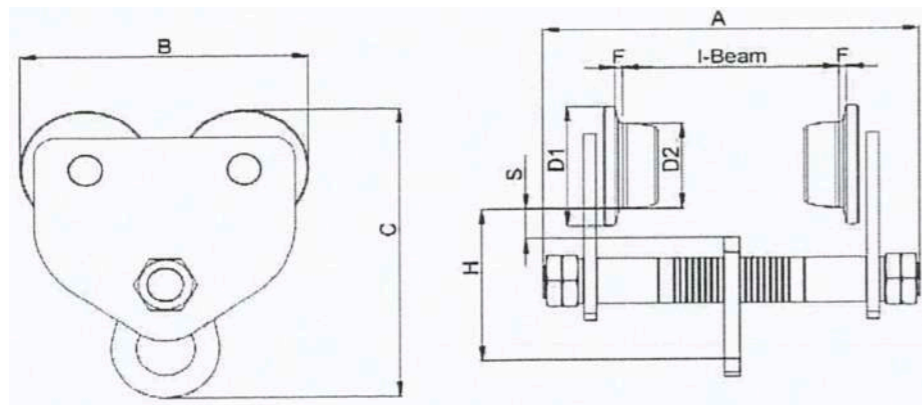
FEATURES

- Constant Torque inverter motor
- Safety feature: Automatic break when power is cut off
- Wireless transmission signal up to 100m

PLAIN TROLLEY KPT-A

- Travels along the lower edge of I-beam.
- Applicable to factories, mine, wharf, dock, warehouses, construction site and machine room and etc.
- Used to install the machine equipment and lift goods.
- Suitable for the work environment without power.
- Safe and simple maintenance.

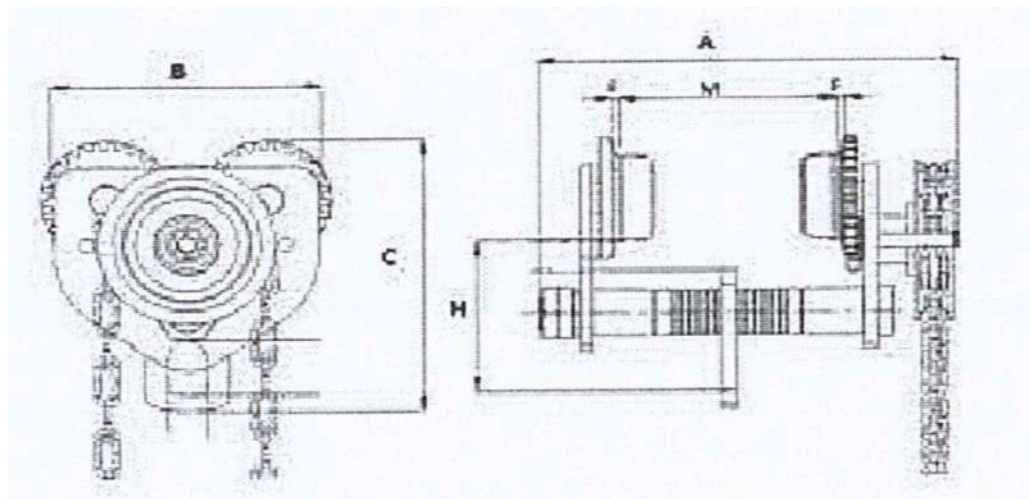
Stock Code	Capacity (ton)	Test Load (kN)	Min. Radius of Curve (m)	Dimensions					Beam Flange Width (mm)	Net Weight (kg)
				Lengthen Pylon	B	C	F	H	Lengthen Pylon	Lengthen Pylon
									Lengthen Pylon	Lengthen Pylon
AQ01079	0.5	7.4	0.8	285	174	188	1.5-3	95	68 - 146	4.6
AQ01080	1	14.7	0.9	230	186	203	1.5-3	107	80 - 146	6.8
AQ01081	2	29.4	1.0	330	226	253	1.5-3	162	94 - 203	12.5
AQ01082	3	44.1	1.2	352	278	305	1.5-3	191	116 - 203	21.5
AQ01083	5	73.5	1.3	360	378	393	1.5-3	219	88 - 203	55
AQ01084	10	147	1.6	375	389	460	1.5-3	254	122 - 203	69.7



GEAR TROLLEY KGT-A

- Driven by pulling the hand chain and travels along the lower edge of I-beam.
- Applicable to factories, mine, wharf, dock, warehouses, construction site and machine room and etc.
- Use for installation of machine equipment and lifting goods.
- Suitable for the work environment without power.
- Safe and simple maintenance.
- The distance between its wheels is easy to adjust and can be used in many kinds of I-beam.
- High transmission efficiency
- Suitable for applications with small turning diameter.
- The hinge links the left and right-side plate to guarantee equal force.

Stock Code	Capacity (ton)	Test Load (kN)	Chain Pull to lift full load (N)	Min. Curve Radius (M)	Dimensions					Beam Flange Width (mm)	Net Weight (kg)
					A	B	C	F	H	Lengthen Pylon	Lengthen Pylon
					Lengthen Pylon						
AQ01085	0.5	7.4	30	0.8	230	212	198.5	1.5-3	113	64 - 140	14
AQ01086	1	14.7	40	0.9	254	255	231.5	1.5-3	128	64 - 152	20.5
AQ01087	2	29.4	50	1	294	302	278	1.5-3	152	76 - 165	29
AQ01088	3	44.1	50	1.2	344	344	338	1.5-3	186	76 - 203	40
AQ01089	5	73.5	80	1.3	358	297	366	1.5-3	218	114 - 203	33.9
AQ01090	10	147	195	1.7	412	389	460	1.5-3	254	122 - 203	75



ELECTRIC TROLLEY KEY SERIES

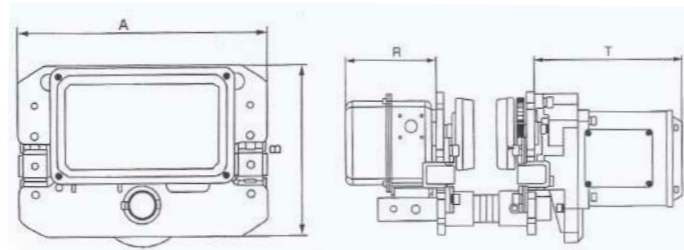
Kanazawa's electric trolley is designed in Japan and can handle tonnage up to 10Ton capacity, beam flange width up to 220mm. The robust design makes this unit ideal for transporting long distances. Our quality is assured with the use of solid parts with exquisite craftsmanship, making our products to have a long service life. Our electric trolley comes with free installation if purchased together with any Kanazawa brand electric chain hoist. Other trolley designs are available, please reach out to our salesperson for more information.

Stock Code	Capacity (ton)	Operation Motor				Dimension (mm)				Minimum Radius of Turn	Width of I-Beam (mm)	Weight (kg)
		Motor (kW)	Phase	Voltage (V)	Frequency (Hz/s)	A	B	R	T			
AQ01199	1	0.4	1	230	50*	315	212	142	231	0.8	52 — 130	38
AQ01200	2	0.4	3	415	50*	325	220	142	231	0.8	82 — 178	44
AQ01201	3	0.4	3	415	50*	340	250	142	231	1	100 — 180	58
AQ01202	5	0.75	3	415	50*	400	291	142	231	1.8	100 — 178	79
AQ01203	7.5	0.75	3	415	50*	400	291	142	231	1.8	100 — 178	85
AQ01204	10	0.75	3	415	50*	500	370	142	231	2.5	150 — 220	133

*60Hz/s on request

*Suspender T is required when attaching the Electric Trolley to the Electric Hoist

Speed: 11m/sec



SUSPENDER FOR ELECTRIC CHAIN HOIST



AQ01200-1
2TON SUSPENDER T



AQ01202-1
5TON SUSPENDER T



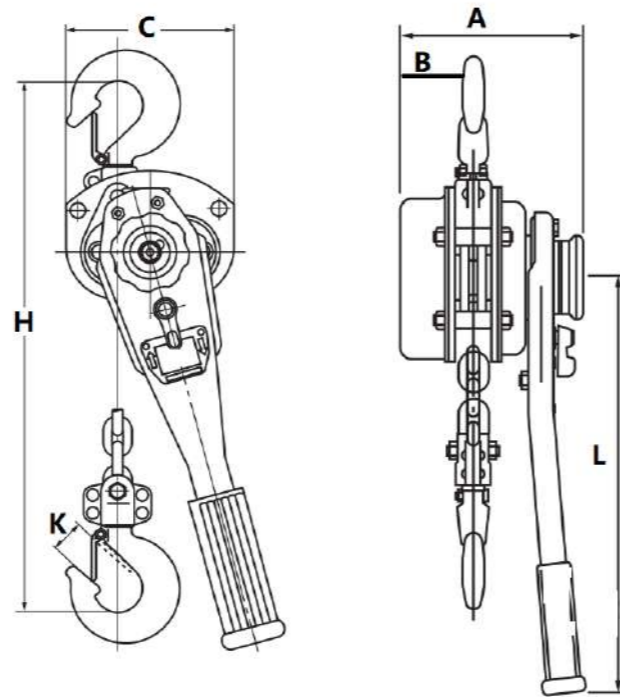
AQ01201-1
3TON SUSPENDER T

Stock Code	AQ01199-1	AQ01200-1	AQ01201-1	AQ01202-1
Capacity (ton)	1	2	3	5
Net Weight (kg)	0.5	0.9	1.4	2.55

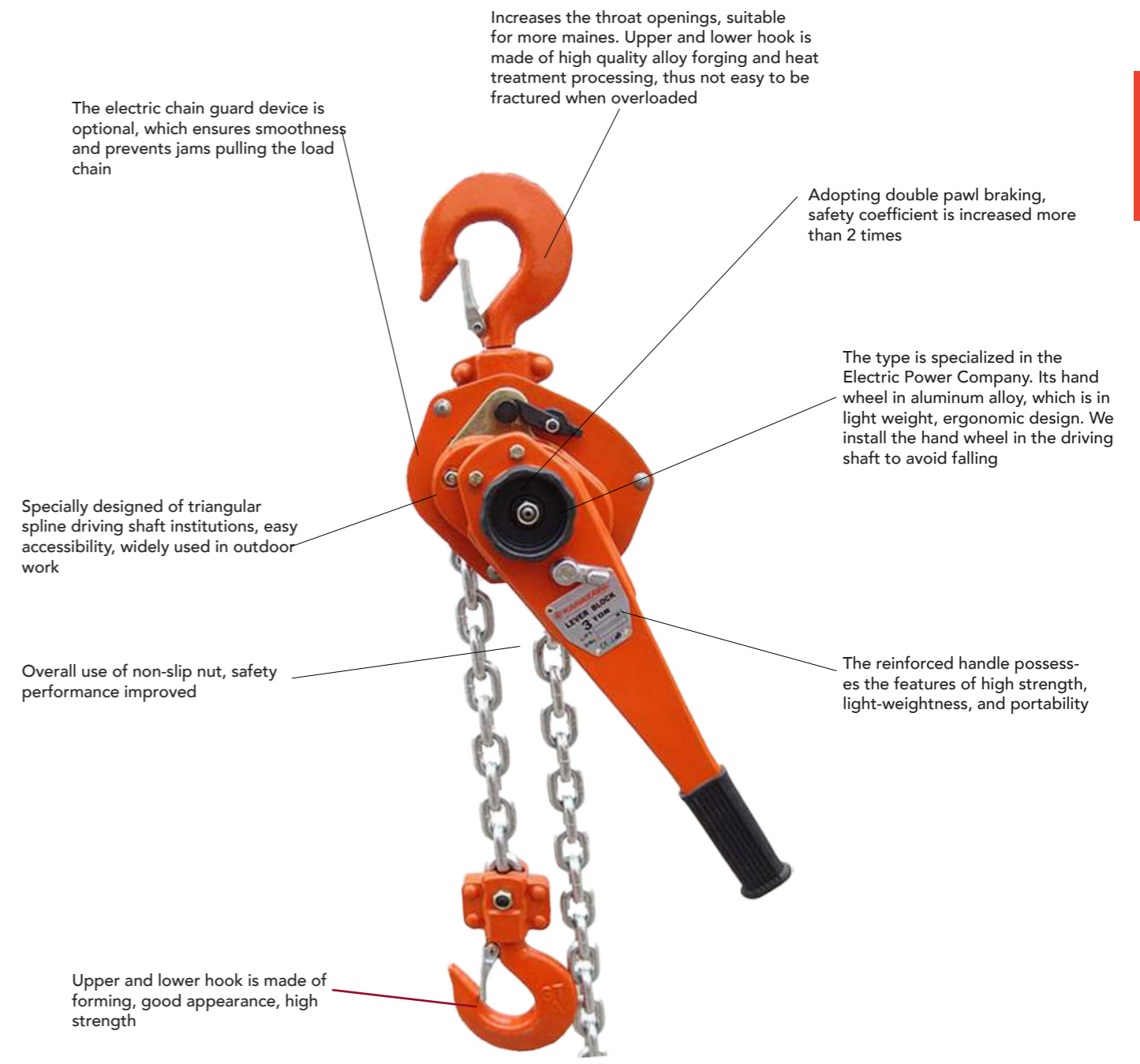
- Suspender T is a connecting accessory between the electric chain hoist and trolley
- Accessory is only required for capacity between 1 to 5 tons options

LEVER BLOCK

- Load Chain Grade G80
- Rugged steel body construction
- Light weight, compact and portable
- Short 360° rotating handle with low handle effort
- Easy free chain pull
- Impact resistant
- Load chain adjustment/replacement service available
- Latch-type swivel hooks
- High-tensile alloy chain
- Hook opening before chain break
- MOM testing/retesting certificate service



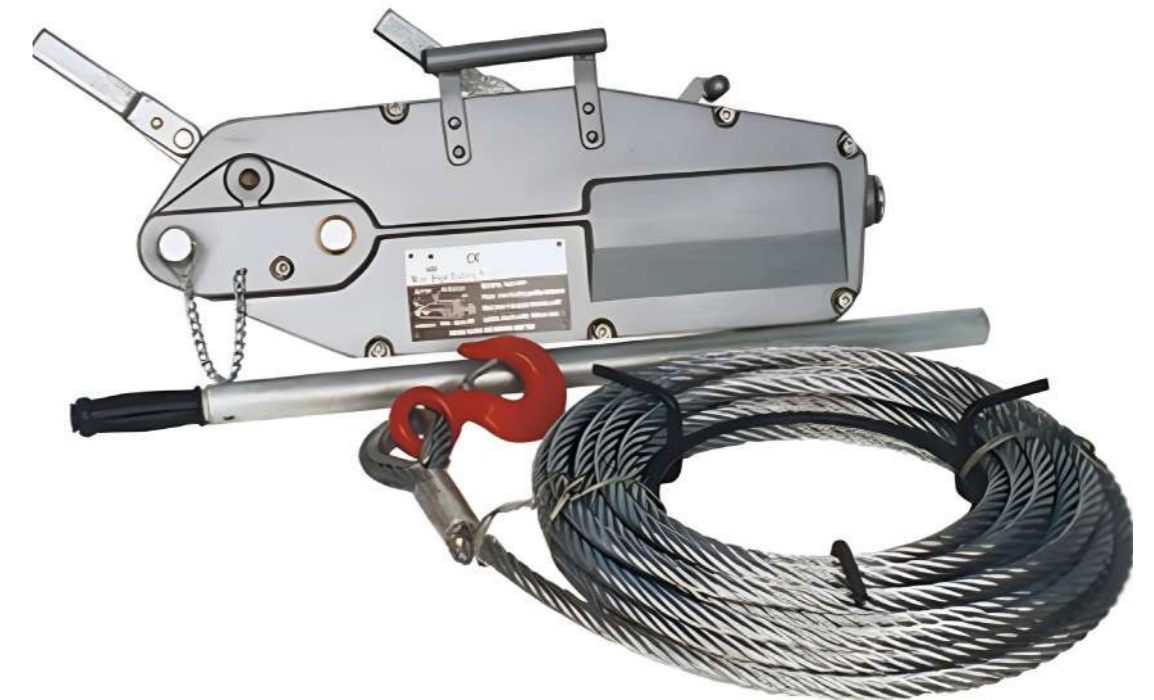
Stock Code	AQ01073	AQ01074	AQ01075	AQ01076	AQ01077	AQ01078	AQ01124
Capacity (ton)	0.75	1	1.5	2	3	6	9
Standard Lift (T)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Test Load (T)	1.125	1.5	2.25	3	4.5	9	13.5
Effort Required to Lift Load	145	150	200	220	280	310	320
No. of Columns of Load Chain	1	1	1	1	1	2	3
Load Chain (mm)	6	6	7.1	8	10	10	10
Dimensions (mm)	A	155	155	165	178	200	200
	B	56	56	65	76	83	83
	C	130	130	148	152	187	250
	D	36	36	44	46	48	62
	H	27	27	34	36	38	48
	K	300	300	350	350	400	550
	L	255	255	365	365	365	365
Net Weight (Kg)	7	7	10	12	18	28.5	45
Extra Weight per Meter of Extra	0.8	0.8	1.1	1.4	2.2	4.4	6.6



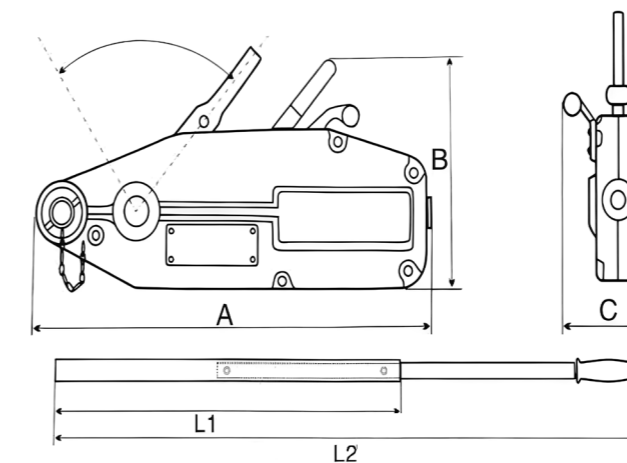
CABLE PULLER

Cable pullers are essential tools for carrying out a range of construction and industrial projects, including renovation projects, shipbuilding, and construction works. Light, powerful, and easy to move, these devices are mainly used for pulling and pushing loads. With the help of a cable pulling device, you can stretch wirings horizontally or vertically behind walls or pull cables to the ceilings to fix lights or fans. We offer a wide range of cable pulling devices that are suitable for construction and the loading and unloading of bulky and heavy weights. All pullers are supplied with 20-meter wire rope and an extendable operating lever. Wire rope is tapered at one end and fitted with a hook and safety catch at the other end. The puller has low maintenance requirements and is easy to service. Overload protection ensure high personal safety when in operation. Specially built-in shear pins can be replaced without removing the load.

Stock Code	AQ01115	AQ01116	AQ01117	
Max Load (kg)	800	1600	3200	
Rated forward handpower (N)	341	400	438	
Rated forward travel (mm) (Swing it front and backward)	≥52	≥55	≥28	
Rope Diameter (mm)	8.4	11	16	
Safety factor & static load capacity	4	4	4	
Proof Load Testing (kg)	1200	2400	4800	
Net Weight (kg)	7 (without rope)	12	23	
Dimensions (mm)	A	430	545	660
	B	240	284	325
	C	64	97	116
L1 (mm)	N/A	692	692	
L2 (mm)	800	1200	1200	



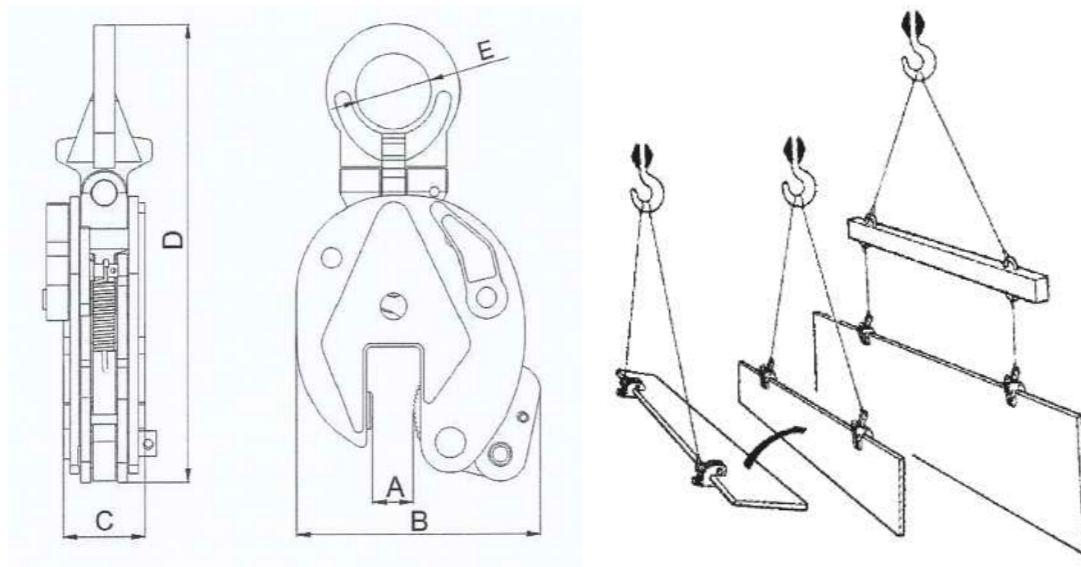
*The void does not have any specification, such as 800kg cable puller only have 1 handle and the length is L2, for 1600kg, 3200kg, 5400kg has two piece handle together L1 and L2



VERTICAL LIFTING CLAMP KVC SERIES

- Pivoting shackle ensures adequate gripping pressure to hold plate safely
- Hardened steel jaws for positive grip and locking mechanism
- Suitable for structural steel up to HRC30/Brinell300
- 150% overload factory tested
- Manufactured according to EC Council Directive 98/37/EC Machinery, American Standard ANSI/ASME B30.20

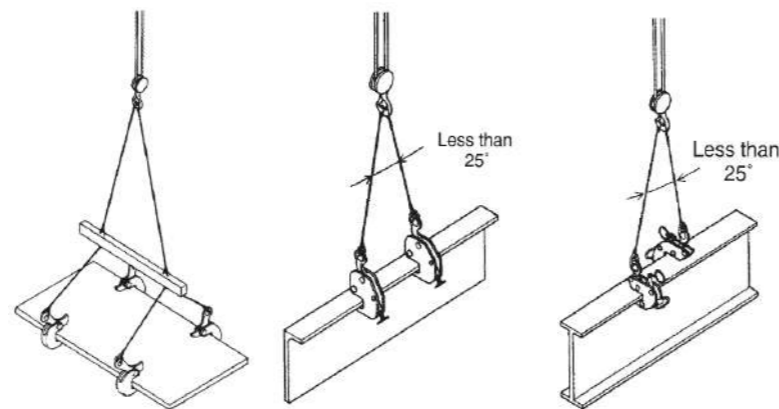
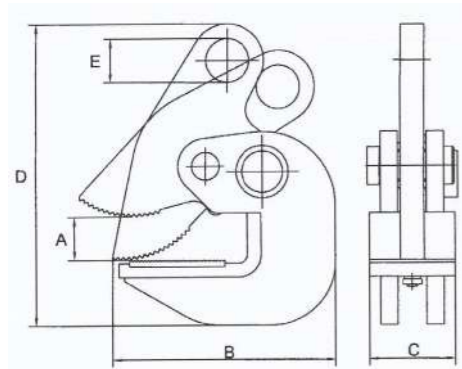
Stock Code	Rated Capacity (ton)	Test Load (ton)	Jaw Opening (mm)	Dimensions (mm)					Net Weight (kg)
				A	B	C	D	E	
AQ01091	0.8	1.2	0-15	15	116	38	195	30	1.9
AQ01092	1.0	1.5	0-20	20	146	50	275	48	4.3
AQ01093	2.0	3	0-25	25	172	61	372	65	7.8
AQ01094	3.2	4.8	0-30	30	225	76	410	74	14
AQ01095	5.0	7.5	0-50	50	253	86	430	78	23
AQ01096	8.0	12	40-80	80	325	109	505	78	34.5
AQ01125	12.0	18	50 - 120	120	490	118	618	90	59.5
AQ01126	16.0	24	50 - 150	150	490	122	618	100	63



HORIZONTAL LIFTING CLAMP KHC SERIES

Horizontal plate lifting clamps grip to the steel plate by letting the teeth bite into the surface of the plate. We offer horizontal plate clamps for transferring, tilting and stacking steel plates in the horizontal plain. Kanazawa's horizontal clamp is suitable for a range of plate widths, and suit most lifting equipment applications. We offer a vast selection of clamps, other designs are available, please reach out to our salesperson for more information.

Stock Code	Model	Rated Capacity (ton)	Test Load (ton)	Jaw Opening (mm)	Dimensions (mm)					Net Weight (kg)
					A	B	C	D	E	
AQ01930	0.8T	0.8	1.2	0-25	25	131	50	176	25	2.5
AQ01097	1.6T	1.6	2.4	0-30	30	155	60	215	25	4
AQ01931	2T	2.0	3	0-40	40	175	65	245	25	5
AQ01098	3T	3.0	4.5	0-45	45	190	70	250	28	6
AQ01099	5T	5.0	7.5	0-55	55	190	70	270	30	7.5
AQ01100	10T	10.0	15	1-125	165	340	95	505	45	27



KBC/KBE I-BEAM CLAMP

- Robust all-steel construction with safety operation
- Compact size and light weight
- Easy to install with minimum headroom
- Super-quick in adjustment to any girder width in range



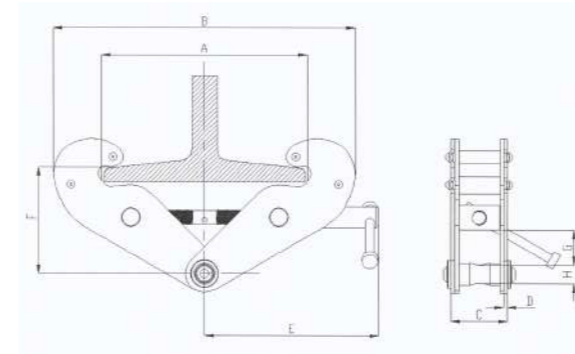
AQ01105
KBC-10 I BEAM CLAMP
10 TON (90-310MM)

Stock Code	AQ01101	AQ01102	AQ01103	AQ01104	AQ01105	AQ01101-E	AQ01102-E	AQ01103-E	AQ01104-E	AQ01105-E	
Model	KBC 1	KBC 2	KBC 3	KBC 5	KBC 10	KBE 1	KBE 2	KBE 3	KBE 5	KBE 10	
Rated Capacity (Ton)	1	2	3	5	10	1	2	3	5	10	
Applicable Beam Width (mm)	75-230	75-230	80-320	80-320	90-310	70-245	70-245	70-355	80-320	90-320	
Dimensions (mm)	A	230	230	320	320	310	270	270	365	365	320
	B	186 - 350	346	465	465	268 - 480	375	375	240-520	240-520	482
	C	66	72	100	112	118	66	74	103	111	159
	D	4	6	8	10	12	4	6	8	10	12
	E	215	208	261	261	275	210	210	258	258	300
	F	90-133	122	169	169	135-185	102-165	102-165	135-225	135-225	193
	G	44	41	53	50	66	-	-	-	-	61
H	20	21	26	32	38	-	-	-	-	90	
J	-	-	-	-	-	-	-	-	-	38	
Net Weight (kg)	3.8	4.5	8.8	11	15.5	4	4.8	9.8	11.3	18.1	

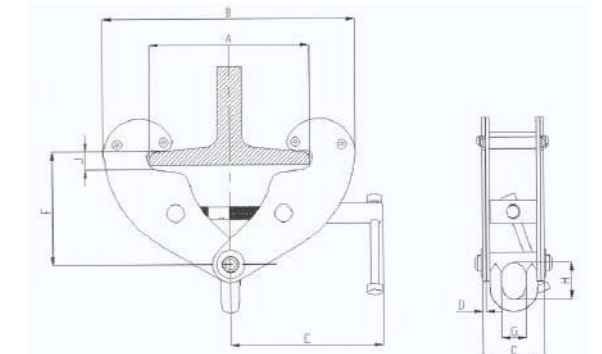


AQ01102-E
KBE-2 I BEAM CLAMP
2 TON (70-245MM)

KBC Series Standard (No Shackle)



KBE Series with Shackle





WEBBING SLINGS

- Made from high tensile polyester (PES)
- Manufactured according to machine directive 89/392/CE and EN 1492-1
- Low elongation
- Color coded according to EN 1492-1
- UV-resistant, eliminating material ageing or embrittlement
- Moisture-resistant fabric, thus preventing frost damage (up to approx.-40°C)
- MOM Testing / Re-testing certification service available
- Safety Factor: 6:1
- Other safety factor available on indent basis, MOQ applies



GREY
4 TON 100MM (4")
WEBBING SLING

Stock Code	Size
AQ00097	2m
AQ00098	3m
AQ00099	4m
AQ00100	5m
AQ00101	6m
AQ00102	8m
AQ00103	10m



RED
5 TON 125MM (5")
WEBBING SLING

Stock Code	Size
AQ00104	2m
AQ00105	3m
AQ00106	4m
AQ00107	5m
AQ00108	6m
AQ00109	8m
AQ00110	10m
AQ00111	12m



BROWN
6 TON 150MM (6")
WEBBING SLING

Stock Code	Size
AQ00140	2m
AQ00112	3m
AQ00113	4m
AQ00114	5m
AQ00115	6m
AQ00116	8m
AQ00117	10m
AQ00154	12m



BLUE
8 TON 200MM (8")
WEBBING SLING

Stock Code	Size
AQ00118	2m
AQ00119	3m
AQ00120	4m
AQ00121	5m
AQ00122	6m
AQ00123	8m
AQ00124	10m
AQ00155	12m



VIOLET
1 TON 25mm (1")
WEBBING SLING

Stock Code	Size
AQ00074	1m
AQ00075	2m
AQ00076	3m
AQ00077	4m
AQ00078	5m
AQ00079	6m
AQ00080	8m
AQ00081	10m



GREEN
2 TON 50MM (2")
WEBBING SLING

Stock Code	Size
AQ00082	1m
AQ00153	1.5m
AQ00083	2m
AQ00084	3m
AQ00085	4m
AQ00086	5m
AQ00087	6m
AQ00088	8m
AQ00089	10m



YELLOW
3 TON 75MM (3")
WEBBING SLING

Stock Code	Size
AQ00090	2m
AQ00091	3m
AQ00092	4m
AQ00093	5m
AQ00094	6m
AQ00095	8m
AQ00096	10m



ORANGE
10 TON 250MM (10")
WEBBING SLING

Stock Code	Size
AQ00125	3m
AQ00126	4m
AQ00127	5m
AQ00128	6m
AQ00129	8m
AQ00130	10m
AQ00131	12m



ORANGE
12 TON 300MM (12")
WEBBING SLING

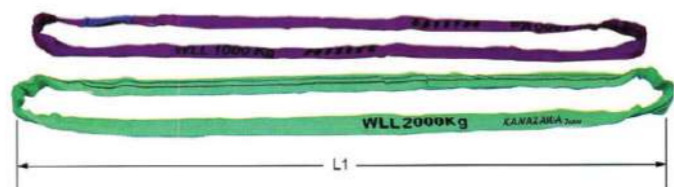
Stock Code	Size
AQ00132	3m
AQ00133	4m
AQ00134	5m
AQ00135	6m
AQ00136	8m
AQ00137	10m
AQ00138	12m

ROUND SLINGS



- The Kanazawa round slings are easy to use, efficient in operation gentle on surface contact.
- They come with a label giving length and tonnage.
- The round sling inner core is made from high tensile polyester fibre which is wound continuously without a join to provide the maximum possible strength.
- This core is protected by a tough woven tubular sleeve also made from polyester without side stitch.
- Polyester round sling with two woven heavy sleeve.
- Manufactured according to machinery directive 98/37/EC and EN1492-2.
- Color coded according to EN1492-2.
- Capacity stripes: each stripe is equal to 1 tonne capacity.
- The safe working load is clearly and continuously printed on the sleeve.
- Low elongation, extremely wear-resistant.

Round Sling	1m	1.5m	2m	3m	4m	5m	6m
Violet 1 Ton	AQ05050	-	AQ05051	AQ05052	AQ05053	AQ05054	AQ05055
Green 2 Ton	AQ05056	-	AQ05057	AQ05058	AQ05059	AQ05060	AQ05061
Yellow 3 Ton	AQ05062	-	AQ05063	AQ05064	AQ05065	AQ05066	AQ05067
Gray 4 Ton	AQ05068	-	AQ05069	AQ05070	AQ05071	AQ05072	AQ05073
Red 5 Ton	AQ05074	-	AQ05075	A05076	AQ05077	AQ05078	AQ05079
Brown 6 Ton	-	AQ05080	AQ05081	AQ05082	AQ05083	AQ05084	AQ05085
Blue 8 Ton	-	-	AQ05086	AQ05087	AQ05088	AQ05089	AQ05090



VIOLET
1 TON ROUND SLING



GREEN
2 TON ROUND SLING



YELLOW
3 TON ROUND SLING



RED
4 TON ROUND SLING



RED
5 TON ROUND SLING



BROWN
6 TON ROUND SLING



BLUE
8 TON ROUND SLING

CARGO LASHING BELT



Stock Code	Size	Working Load (kg)	Breaking Strength (kg)	Colour
AQ01953	1" x 1m	500	1000	Orange
AQ01954	1" x 2m	500	1000	
AQ01967	1" x 3m	500	1000	
AQ01955	1" x 4m	500	1000	
AQ01923	1 1/2" x 4m	1000	2000	
AQ01924	1 1/2" x 6m	1500	3000	
AQ01925	2" x 6m	2500	5000	
AQ01926	2" x 8m	2500	5000	
AQ01927	2" x 10m	2500	5000	
AQ01928	3" x 8m	5000	10000	
AQ01929	3" x 10m	5000	10000	

- Produced from high tensile polyester yarns
- Low elongation, wear-resistant, long-life strap material (100% polyester)
- Various end fittings available to suit specific lashing needs
- In accordance with DIN 60060 and EN 12195-2
- Safety Factor 2:1



AQ01954
CARGO LASHING
BELT 1" X 2 MTR



AQ01927
CARGO LASHING
BELT 2" X 10MTR



AQ01929
CARGO LASHING
BELT 3" X 10MTR



PALLET TRUCK

Kanazawa's Pallet Truck is a durable and efficient tool for handling heavy loads. Its high load capacity, ease of use, and manoeuvrability make it an excellent choice for businesses in need of a reliable pallet jack. It is perfect for handling a wide range of items in various industries. We also have models that are able to manoeuvre efficiently in tight spaces, e.g. inside a container. Wheels & Seal Kits are available for maintenance to extend lifespan of the product.

Stock Code	Model	Load (Ton)	Material	Steer Wheel Size (mm)	Load Roller Wheel Size (mm)	Lifting Height / Max Fork Height (mm)	Lowered Height / Min Fork Height (mm)	Fork Size (mm)	Overall Fork Width (mm)	Weight (kg)
AQ01106	KPT 520/800	2.5	Nylon/Nylon	ø180x50	ø74x70	190	75	790	525	59.5
AQ01107	KPT 685/1200	3.0	Nylon/PU	ø180x50	ø80x60	115	80	1220	695	81
AQ01108	KPT 550/1150	2.5	Nylon/PU	ø180x50	ø80x60	115	80	1150	550	68
AQ01109	KPT 550/1150	3.0	Nylon/PU	ø180x50	ø80x60	115	80	1130	553	77
AQ01110	KPT 685/1220	5.0	Nylon/Nylon	ø180x50	ø80x70	200	85	1220	685	102

- 3-Position control handle for easy maneuver during operation
- Ideal for transport of heavy goods over short distances with ease
- Pallet entry & exit roller inbuilt for fast and easy loading
- Casting steel pump with safety overload & bypass system
- Truck seal available for maintenance servicing to extend product life
- High lifting with double piston



**photo is for illustration purpose only*





SCISSOR PALLET TRUCK (HST)

Kanazawa's scissor lift hand pallet trucks is flexible and ergonomic which makes it applicable for a wide variety of situations. Use it as a lift table, a supply table and even as workbench stand by your side. With this combination of lift table and hand pallet truck, goods of all kinds can be moved and lifted up to a height where back-safe working is possible.

Stock Code	AQ01127
Model No.	HST10/M
Load (Ton)	1.0
Load Roller	Nylon Polyurethane
Steering Wheel	Nylon Polyurethane Rubber
Width Overall Forks	540mm
Fork Length	1150mm
Min. Fork Height	85mm
Max. Fork Height	800mm
Weight (kg)	110

- Hard chrome plated ram and piston
- 3-position control, FAST-WORK-DOWN
- Equipped with overload valve
- One-piece of formed steel "C" channel tapered, reinforced forks
- Tapered fork ends and nylon rollers permit easy entry and exit pallets
- High lifting with double piston



**photo is for illustration purpose only*



MOBILE WORK STATION

Kanazawa mobile elevating platforms are used in all applications where materials to be processed, loaded repaired, packed, controlled or assembled at an ergonomically working height. They are economical due to their universal application, site flexibility, and ability to remove physical strain.

Stock Code	Capacity (kg)	Wheel Size	Min Table Height (mm)	Max Table Height (mm)	Table Dimension (mm)	Net Weight (kg)
AQ01133	350	ø125	360	1300	905 x 500 x 50	100
AQ01134	500	ø125	280	900	815 x 500 x 50	76
AQ01134-N	500	ø125	360	1500	905 x 500 x 50	132
AQ01111	1000	ø150	415	1000	1016 x 510 x 60	80

- Lifts heavy objects and acts as a mobile working table
- Reduces the burden of lifting heavy objects to working height
- Operates with hydraulic foot pump and scissors mechanism to raise or lower load
- Rubber castor wheel with locking mechanism keeps the table in place
- Conforms to standards of EN 1757-2, U.S ANSI/ASME
- PU wheel material





MOBILE WORK STATION WITH ROLLER

Mobile Workstation with roller is ideal for workshop or production line. It serves to position the load (parts, motors, etc) and to be able to work with it in different places.

EXCLUSIVE

Stock Code	AQ01132
Load Capacity (kg)	350
Min. Height (mm)	420
Max. Height (mm)	1300
Table Dimensions (mm)	905 X 500 X 100
Dia. of Wheel (mm)	ø125
Net Weight (kg)	106
Packing Dimensions (mm)	1010 X 520 X 430
Roller Diameter (mm)	50
Shaft (mm)	12
Number of Roller	9

- Ergonomic solution to lifting, positioning and transporting loads
- Reduces the burden of lifting heavy objects to working height
- Operates with hydraulic foot pump and scissors mechanism to raise or lower load
- Two rigid front casters and two rear swivel (with brake) increase maneuverability in tight areas

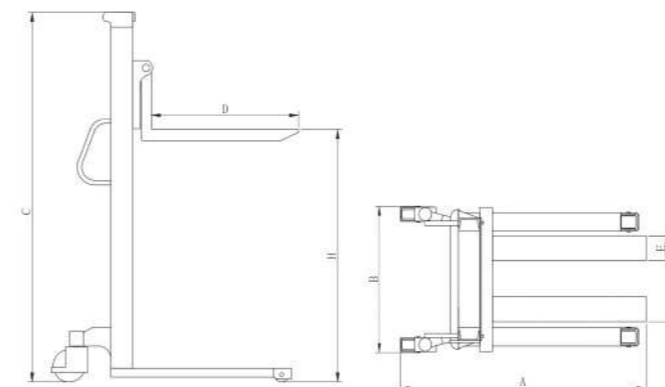




HAND HYDRAULIC STACKER

- Ideal for the occasional application of stacking and transporting palletised loads
- Can be used in many applications with different attachments
- Available in lifting capacities from 500kg to 2000kg with lifting height 1.600mm
- Safety control handle with the functions: lifting-driving-lowering, double-action hand pump with separate hand pump lever from 1200kg
- Powerful hydraulic unit with large stroke for every pump action, protected by pressure relief valve
- Lowering speed can be finely metered for sensitive lowering of the load
- Mast welded from precision profiles
- Robust frame with two load and two steer rollers, retention is by a parking device

Stock Code		AQ01135	AQ01136	AQ01137	AQ01138
Model No.		KHS-0.5	KHS-1.0	KHS-1.5	KHS-2.0
Capacity (kg)		500	1000	1500	2000
Lifting Height (mm)		90-1600			
Overall Length (mm)	A	1300	1529	1543	1553
Overall Width (mm)	B	760	852	852	985
Overall Height (mm)	C	1960	1960	1960	2065
Fork Length (mm)	D	820	1000	1000	1000
Fork Width (mm)	E	100	149	153	153
Max Distance of the fork	F	640	629	633	753
Min Distance of the fork	F	208	298	306	306
Turning Radius (mm)		1250			
Dia. of Front Wheel (mm)		Φ80	Φ80	Φ80	Φ80
Dia. of the Trailing Wheel (mm)		Φ160	Φ180	Φ180	Φ180
Net Weight (kg)		137	200	212	240



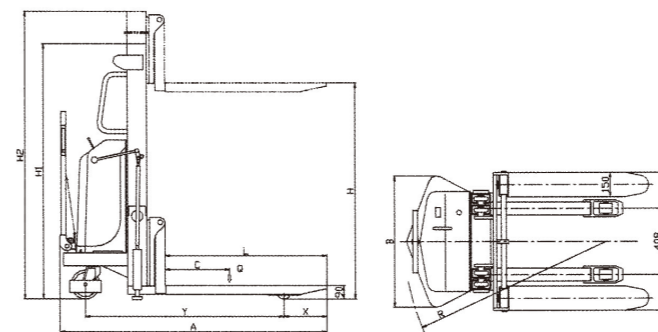
BATTERY STACKER



The product has successfully earned its CE certification, a testament to its exceptional performance. It's not just any stacker; it's a versatile, dual-purpose, all-electric stacker designed to handle both loading and unloading of tasks and effortlessly transporting goods over short distances. This innovative machine boasts a myriad of features that makes it stand out - from its comfortable and intuitive operation to its remarkable stability. It operates quietly, without a trace of pollution, and its track record for reliability is exemplary. This all-electric stacker is the embodiment of efficiency and environmental responsibility.

Stock Code	AQ01139	AQ01140	AQ01112
Model No	HES 10/16	HES 15/16	HES 10/30
Capacity (kg)	1000	1500	1000
Load Center (mm)	400	400	400
Max Fork Height (mm)	1600	1600	3000
Max Machine Height (mm)	1820	1820	1820
Fork Length (mm)	1150	1150	1150
Fork Width (mm)	685~850	685~850	685~850
Min. Turning Radius (mm)	1350	1350	1450
Wheel Base	1180	1180	1185
Front-Wheel Distance (mm)	472	472	472
Lifting Motor (V/kW)	12/1.6	12/1.6	12/1.5~1.6
Storage Battery (AH/V)	120AH / 12V	120AH / 12V	120-150AH / 12V
Charger (V/A)	12/15	12/15	12/15
Overall Length (mm)	1150	1150	1150
Overall Width (mm)	850	850	850
Overall Height (mm)	1600	1600	3000
Overall Net. Weight (kg)	350	365	470

- Suitable for occasional to application of stacking and transporting palletised loads, also in confined areas
- Can be used in many applications with different attachments
- Available in lifting capacities up to 1500kg and maximal fork height 3000mm
- Easy to operate via tie-rod guides to both steer wheels
- Compact electric/hydraulic lifting device, overload protection and finely metered lowering of load through pressure relief valve and adjustable
- Mast welded from precision profiles, fork carriage with maintenance free guide rollers
- Robust frame with two load and two steer rollers, retention is by a parking device
- Battery and battery charger are supplied with the unit



CRANE FORK

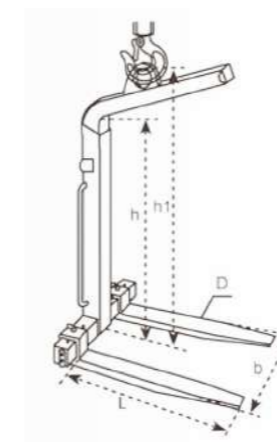
Kanazawa's crane fork comes with a hook designed for moving goods packed on a pallet with a crane. There are two models available. The balance control can be adjusted manually by means of a master link or you can choose the self-balancing model. Kanazawa's crane forks come with adjustable forks as well as adjustable height. This means that they are suitable for large and small pallet loads and rolls (when the forks of the Crane fork are placed closer together). The two forks are made of extremely high-quality steel and are adjustable in width. The forks are easy to move by turning the screws that are mounted on top of the fork holder. When the fork is loosened, it can be moved to the position. After positioning, the fork can be tightened again so that the forks do not slide when a load is attached to the crane fork.

- No slings or chains necessary
- Crane operator will not need to leave cab of lorry crane
- Fork will remain horizontal when loaded and unlocked
- Adjustable fork width with 5 positions and height with 3 positions
- MOM testing available upon request



KCF 1.0MH
MANUAL BALANCING
(MH SERIES)

Stock Code	Model No.	Type	WLL (ton)	Adjusting Range (mm)	Hook Height (mm)	Effective Height (mm)	Length of Fork (mm)	Fork Cross Section (mm)	Overall Size (mm)	Net Weight (k0)
AQ01160	KCF 1.0MH	Manual Balancing (MH Series)	1.0	350-900	1390-1890	1100-1600	1000	100 x 30	1120 x 920 x 1390	130
AQ01162	KCF 2.0MH		2.0	400-900	1640-2340	1300-2000	1000	120 x 40	1140 x 920 x 1640	200
AQ01163	KCF 3.0MH		3.0	450-900	1670-2370	1300-2000	1000	120 x 50	1140 x 920 x 1670	250
AQ01164	KCF 5.0MH		5.0	530-1000	1700-2400	1300-2000	1000	150 x 60	1160 x 1020 x 1700	370
AQ01170	KCF 1.0AHS	Self-Balancing (AHS Series)	1.0	350-900	1420-1920	1100-1600	1000	100 x 30	1120 x 920 x 1530	140
AQ01172	KCF 2.0AHS		2.0	400-900	1655-2355	1300-2000	1000	120 x 40	1140 x 920 x 1775	220
AQ01173	KCF 3.0AHS		3.0	450-900	1720-2420	1300-2000	1000	120 x 50	1140 x 920 x 1850	280
AQ01174	KCF 5.0AHS		5.0	530-1000	1710-2410	1300-2000	1000	150 x 60	1160 x 1020 x 1850	380



GARAGE JACK

D Series:

- The hydraulic technology makes lifting simple while a wider frame and internal bypass valve ensure safety
- Safety bypass system prevents over loading and ensures safe operation
- Steel casters for longevity
- Rear swivel casters for easy manoeuvring
- Steel frame construction for maximum durability
- Special quality design: polished and treated cylinder rams use high performance seats. Polished inner cylinder walls extend the life of the seals

FL SERIES

- LOW PROFILE DOUBLE PUMP:

- With high quality steel, powerful jacks make big loads easy to lift and rated capacity keep it safe to use
- "Low profile" models are perfect for "close quarters" lifting, faster and powerful which offer heavy duty performance
- Low profile design makes it easy to reach lifting points under most vehicles
- Fast Lift Dual Pump System
- Heavy-duty steel single-formed flange
- Rear swivel casters for easy maneuvering

Stock Code	AQ00178	AQ00180
Model	KJ-20LD	KJ-30HD
Capacity (Ton)	2	3
Min. Height (mm)	130	140
Lifting Height (mm)	375	520
N.W./G.W. (kg)	11.8/12.3	34.5/36.1
Product Size (mm)	555 x 250 x 160	675 x 344 x 180

Stock Code	AQ00181	AQ00179
Model	KJ-30FL	KJ-50-FL
Capacity (Ton)	3	5
Min. Height (mm)	98	100
Lifting Height (mm)	431	433
Max Height (mm)	535	533
N.W./G.W. (kg)	43.3/45.3	44.25/46.5
Product Size (mm)	760 x 345 x 170	751 x 359 x 162



KJ-20LD
2 TON GARAGE JACK



KJ-50-FL
5TON GARAGE JACK



JOURNAL JACK

Journal jack, also known as screw jack, is driven by manpower through a screw pair, and the screw or nut sleeve is used as the jacking member. The journal jack is designed to support heavy objects for a long time, and the maximum lifting capacity has reached 100 tons, which is widely used. After the horizontal screw is installed on the lower part, it can also make the heavy objects traverse a small distance.

Journal jacks have been well reputed with excellent durability for many years. We have two types of journal jack, the medium lift type which is the standard size, and also the low lift type which can fit into confined spaces. Journal jacks are highly used in industries such as shipbuilding, bridge works, railway maintenance and civil construction works. Applications includes: Jack-up, jack-down for heavy loads. Positioning adjusting and support heavy load, and structures.

Stock Code	Model	Lift Type	Capacity (Ton)	Stroke (mm)	Closed Height (mm)	Weight (kg)
AQ00884	KQL 3.2	Medium	3.2	110	200	4.07
AQ00885	KQL 5	Medium	5	130	250	5.68
AQ03985 (D)	KQL 8	Low	8	75	200	5.84
AQ00886	KQH 8	Medium	8	140	260	5.84
AQ00887	KQH 10	Medium	10	150	280	6.44
AQ00888	KQL 10	Low	10	75	200	7.76
AQ03042	KQL 16	Medium	16	180	320	9.74
AQ00889 (D)	KQL 16	Low	16	180	225	8.98
AQ00890	KQH 20	Medium	20	180	325	10.94
AQ00891	KQL 25	Low	25	90	225	9.98
AQ00892	KQH 32	Medium	32	200	390	15.36
AQ00893	KQL 32	Low	32	180	320	17.3
AQ00894	KQH 50	Medium	50	250	452	25.38
AQ01665	KQL 50	Low	50	150	330	30
AQ00895	KQL 100	Low	100	200	452	63.52

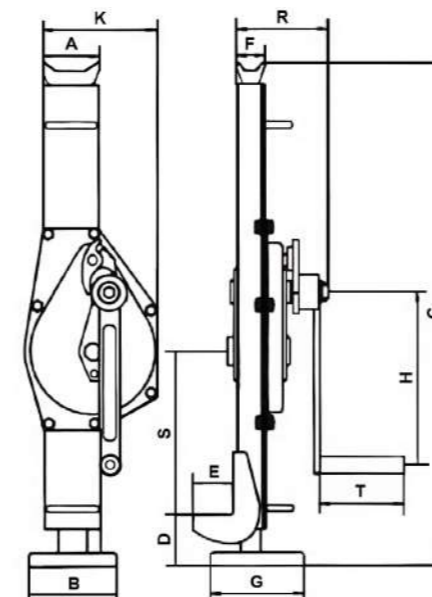


MECHANICAL JACK

Mechanical jack is one of the most popular lifting tools: the lifting and lowering speed is always under control. All steel components (pinions, gears, rack) of Kanazawa's mechanical jack are of the highest quality.

Range from 1.5Ton to 20Ton, mechanical jack is basically used to lift almost all kinds of loads in maintenance and repair, ship building, construction as well as agriculture.

Stock Code	AQ02134	AQ02135	AQ02136	AQ02137	AQ02138	AQ02127	
Model	MJ 1.5	MJ 3.0	MJ 5.0	MJ 10	MJ 16	MJ 20	
Rated Capacity (Ton)	1.5	3	5	10	16	20	
Proof Test Load (kN)	22	44.1	73.5	147	196	245	
Hand Force to Lift Rated Load (N)	280	350	400	580	640	640	
Dimensions (mm)	A	81	83	108	124	135	
	B	100	130	140	140	150	
	C	600-900	735-1090	730-1075	800-1210	800-1120	860-1180
	D	60-360	70-425	80-425	85-495	95-415	100-420
	E	55	60	71	86	80	80
	F	46	45	68	76	85	85
	G	110	138	170	170	180	180
	H	225	249	275	300	300	380
	K	147	170	190	252	275	275
	R	119	140	155	185	210	220
S	175	235	217	187	210	210	
T	113	128	128	250	250	250	
Net Weight (kg)	14	20	28.2	46.5	65	75	



HYDRAULIC BOTTLE JACK

Hydraulic bottle jacks are compact and simple-to-use tools that lift heavy loads. Due to their small sizes, these jacks fit nicely on a garage shelf or in a car trunk, making them versatile and readily available. Despite their small sizes, hydraulic bottle jacks can lift loads from 2 to 20 tons, and industrial bottle jacks can lift up to 200 tons.

While it's common to find a hydraulic bottle jack in a car repair shop, these jacks have uses in other industries: **Construction:** Bottle jacks can lift heavy loads such as steel beams or entire structures. **Railroad:** Hydraulic bottle jacks can lift or lower track rails for placement.

Stock Code	Capacity (ton)	Min. Height (mm)	Lifting Height (mm)	Adjust Height (mm)	Max Height (mm)	Net Weight (kg)
AQ00168	2	158	90	60	308	2.23
AQ00169	3	195	125	60	380	3.2
AQ00170	5	197	125	60	382	4.1
AQ00171	8	205	125	60	390	4.9
AQ00172	10	205	125	60	390	5.6
AQ00173	16	225	140	60	425	7.8
AQ00174	20	244	145	60	449	10.2
AQ00175	32	285	180	/	465	14
AQ00176	50	300	180	/	480	23.0

- Most widely used in automotive, machinery, construction industries, etc. A full range of capacity from 2 to 200 ton to meet your needs
- Comes with safety valves to prevent overloading of jack



KN10
10 TON BOTTLE JACK



KN2
2 TON BOTTLE JACK

RATCHET JACK

Widely used in oil fields, shipyards, mining operations, construction, railroads, and heavy-duty industrial maintenance. These are the most versatile, general purpose jacks available. Rugged construction permits safe, efficient jacking. Does not come with steel lever bars.

Stock Code	Model	Supporting Capacity (ton)	Lifting (ton)	Stroke (inch)	Handle Efforts per Ton (lbs)	Capacity Minimum Height (inch)	Toe Minimum Height (inch)	Base Size (inch)	Weight (lbs)
AQ00139	84A	5	5	7	32	14	1/3/4	5 x 7/3/8	28
AQ00142	1017	10	10	9/1/2	22	17/1/4	1/5/8	6 x 8/3/4	40



84A
5 Ton Ratchet Jack



1017
10 Ton Ratchet Jack
Incorporate a ductile iron housing for maximum durability.

HYDRAULIC TOE JACK

The special combination between a conventional hydraulic jack and a toe structural part made Kanazawa Toe-Lift Jack. It is intended to lift its load from significantly lower positions than before. Toe-Lift Jacks can lift the load as long as there is a gap of 20mm or so. Since the toe structural part has two lifting points, its toe and head points, it can be used for much wider applications than before.

Stock Code	AQ00206	AQ00207
Lifting Capacity on Top (Ton)	7.5	15
Lifting Capacity on Toe (Ton)	6000	12000
Lifting Stroke (mm)	160	140
Lifting Range on Top (mm)	320-560	325-545
Min. Loading Height Using Lifting Toe (mm)	35	40
Lifting Range of Toe (mm)	160	-
Min. Loading Height Using Lifting Toe at Max Adjustment (mm)	35-195	40-260
Net Weight (kg)	25	69



AQ00206
2 TON TOE JACK



AQ00207
3 TON TOE JACK

AIR GREASE LUBRICATOR



Of premium quality, the lubricator reliable & excellent for high volume grease user. An air operated pump, grease gun and a supply hose are mounted onto a heavy-duty wheel. Standard pail can be put directly inside the pumps large cabinet. This system eliminates grease contamination and waste. Two sizes are available.

Stock Code	AT00153
Model	KZ-10Q
Category	Air Operated Lubricator
Capacity	30L
Pressure Ratio	50:1
Output Pressure	30 - 40 Mpa
Grease Output Flow Rate	0.85 L/min
Air Inlet Working Pressure	0.6 - 0.8 Mpa
Grease Hose Size	1/4" x 4m
Net Weight	13.8 kg
Dimension	445 x 445 x 750 mm

Stock Code	AT00154
Model	KZ-12Q
Category	Air Operated Lubricator
Capacity	40L
Pressure Ratio	50:1
Output Pressure	30 - 40 Mpa
Grease Output Flow Rate	0.85 L/min
Air Inlet Working Pressure	0.6 - 0.8 Mpa
Grease Hose Size	1/4" x 4m
Net Weight	19 kg
Dimension	450 x 450 x 710 mm



KZ-10Q
30L AIR GREASE LUBRICATOR



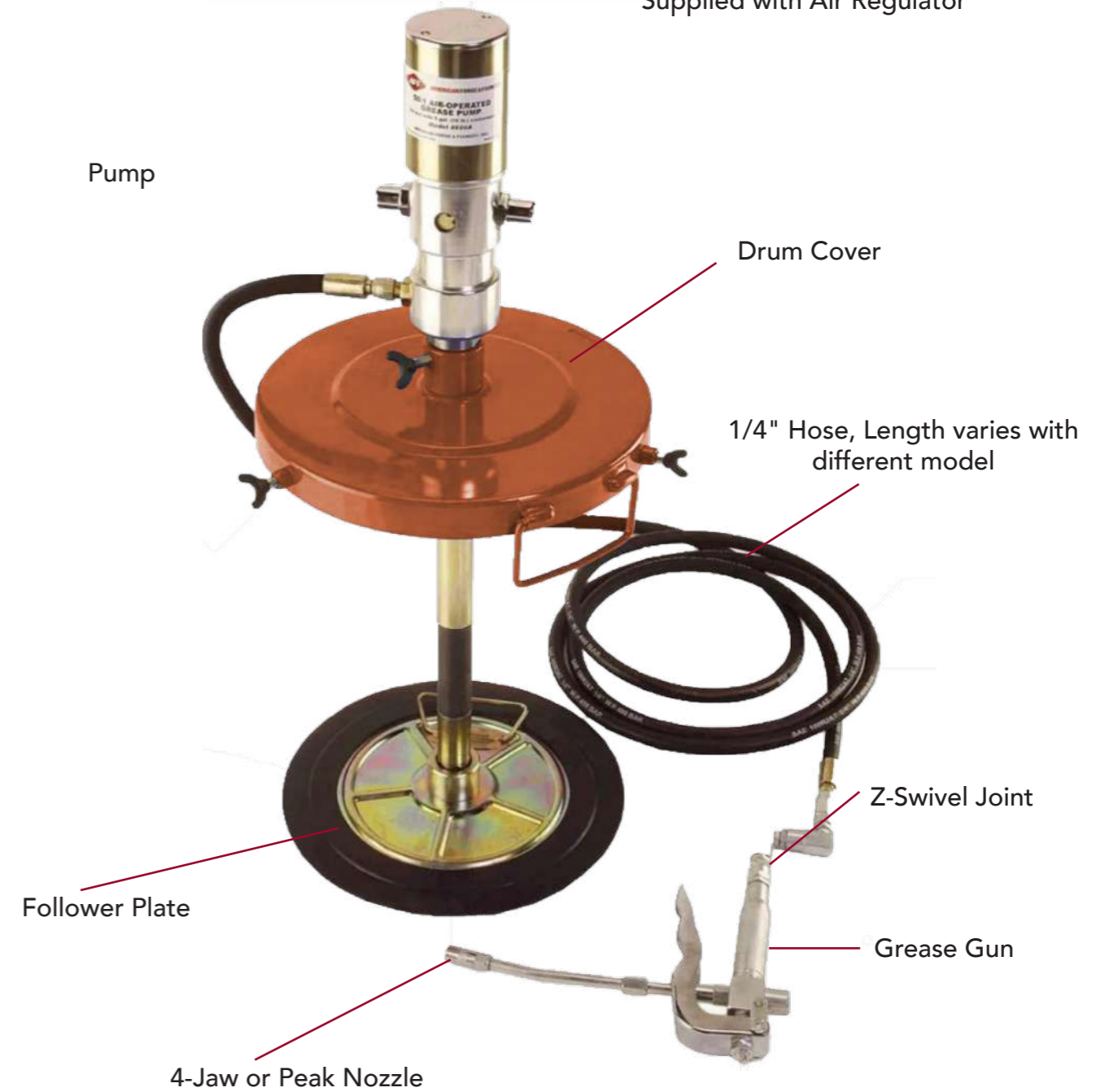
KZ-12Q
40L AIR GREASE LUBRICATOR

*Supplied with 1 x Peak & 1 x 4-Jaw Push Nozzle

SPARE PARTS FOR PUMPS

Supplied with Air Regulator

Pump



LEVER TYPE OIL AND GREASE PUMP



Kanazawa's hand operated oil and grease pumps are specially designed to provide increased portability and versatility in any kind of work environment and are especially suited to work sights where compressed air or electricity are not available. The unit comes with two wheels allow greasing / oil unit to move easily according to its applications and a Drum cover to prevent contaminations

Stock Code	AT00158
Model	KZ-26Q
Category	Hand Operated Lubricator
Capacity	25 L
Flow Rate	7 - 10 gram/stroke
Output Pressure	34.5 Mpa
Grease Hose Size	15mm x 1.5m
Net Weight	8 kg
Dimension	330 x 320 x 590 mm

Stock Code	AT00157
Model	KZ-24Q
Category	Hand Operated Lubricator
Capacity	25 L
Flow Rate	120 - 150 gram/stroke
Oil Hose Size	15mm x 1.5m
Net Weight	7k kg
Dimension	330 x 320 x 590 mm



KZ-26Q
LEVER TYPE GREASE PUMP

*Supplied with 1 x Peak & 1 x 4-Jaw Push Nozzle



KZ-24Q
LEVER TYPE OIL PUMP



GREASE PUMP WITH DRUM TROLLEY

- An air operated pump, grease gun and a supply hose are mounted onto a heavy-duty trolley. Used when dispensing large volumes of grease.
- Drum cover prevents contaminations.
- The follower plate prevents air pockets and helps prime grease. The rubber rim around the follower plate helps to wipe the container clean.
- Trolleys allow greasing unit to move easily according to its application.
- Suitable for all kinds of grease drum.

Stock Code	AT00156	AT00155
Model	KZ-18Q	KZ-20Q
Pressure Ratio	50:1	50:1
Output Flow Rate	0.85 L/min	800 g/min
Output Pressure	30-40 Mpa	60 Mpa
Inlet Working Pressure	0.6 - 0.8 Mpa	0.5 - 0.8 Mpa
Pump Tube Length	640 m	940 mm
Grease Hose Size	1/4" x 4m	1/4" x 5m
Drum Cover	420 mm	600 mm
Plate Diameter	36cm / 14"	58.5 cm
Drum Size Applied	335-360 mm	560-580 mm
Drum Application	50-60 kg	180-220 kg
Pump Dimension	27 x 27 x 113.33 cm	-
Trolley Dimension	15 x 30 x 50 cm	-
Net Weight	19 kg	40 kg



KZ-18Q
DRUM TROLLEY
MOUNTED GREASE
DISPENSER



KZ-20Q
DRUM TROLLEY
MOUNTED GREASE
DISPENSER

BARREL PUMP

Use for lubrication system. This grease barrel pump is suitable for distribution and transfer grease for all types of short and long distances and to several outlets at once at a high pressure. Combined with a choice of hose reels, it's possible to create an effective centralized lubrication system.

The unique structure design allows the pump have high performance, longer durability. It is also easy to maintain and require minimal maintenance.



KZ-9Q-3
OIL BARREL PUMP

Stock Code	AT00152
Model	KZ-9Q-3
Drum Application	180 -200 kg
Pressure Ratio	3:1
Working Pressure	0.6 -0.8 Mpa
Max. Oil Flow Rate	12L/min
Air Inlet Connection	PM20 Coupler
Oil Outlet Connection	M18 x 1.5
Female Hose Fitting	M18 x 1.5
Suction Tube Length	940 mm
Net Weight	6.1 kg
Dimension	70 x 70 x 1300 mm



KZ-13H
GREASE BARREL PUMP

Stock Code	AT00183
Model	KZ-13H
Drum Application	180 -200 kg
Pressure Ratio	50:1
Output Flow Rate	800 g/min
Output Pressure	30 - 40 Mpa
Inlet Working Pressure	0.6 - 0.8 Mpa
Pump Tube Length	940 mm
Grease Hose Size	1/4"
Drum Size Applied	560 - 590 x 900(H) mm
Drum Application	180 - 220 kg
Net Weight	6 kg
Air Consumption	120 L/min
Cylinder Dia.	70 mm
Suction Tube Dia.	30mm

TROLLEY FOR DRUMS



KZ-89012

TROLLEY FOR
DRUM

Stock Code AT00159
Load 30-50kg



KZ-89013

TROLLEY FOR
DRUM

Stock Code AT00160
Load 180-220kg

ACCESSORIES



KTT-89001

VITTA GREASE HOSE

Stock Code AT00161
Length 1/4" X 5m



KTT-89002

LUXURY AIR GREASE
GUN

Stock Code AT00162
Thread M14 x 1
Grease Nozzle 4-Jaw Type



KZ-89004

Z-SWIVEL JOINT

Stock Code AT00164



KZ-89003

COMMON AIR
GREASE GUN

Stock Code AT00163
Grease Nozzle 4-Jaw Type



KZ-89005

FLEXIBLE HOSE FOR
NOZZLE

Stock Code AT00165
Length 30cm



KZ-89006-1

PEAK PUSH TYPE GREASE
NOZZLE 1/8" NPT

Stock Code AT00166-1



KZ-89006-2

4 JAW PUSH TYPE GREASE
NOZZLE 1/8" NPT

Stock Code AT00166-2

COMPATIBLE WITH MAJORITY OF THE GREASE GUNS, AIR GREASE GUN & LEVER TYPE GREASE PUMPS

