CATALOGUE 2022

HYDRAUMAKT

High Pressure Hydraulic Tools & Equipments

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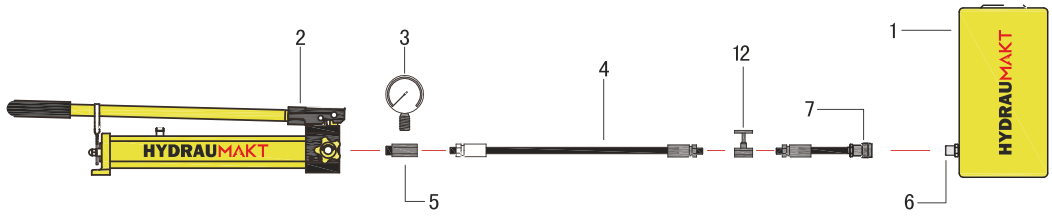
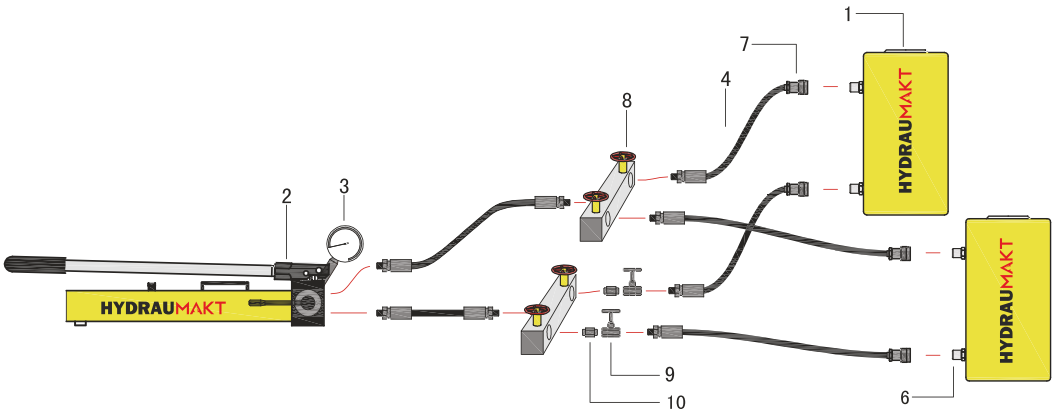
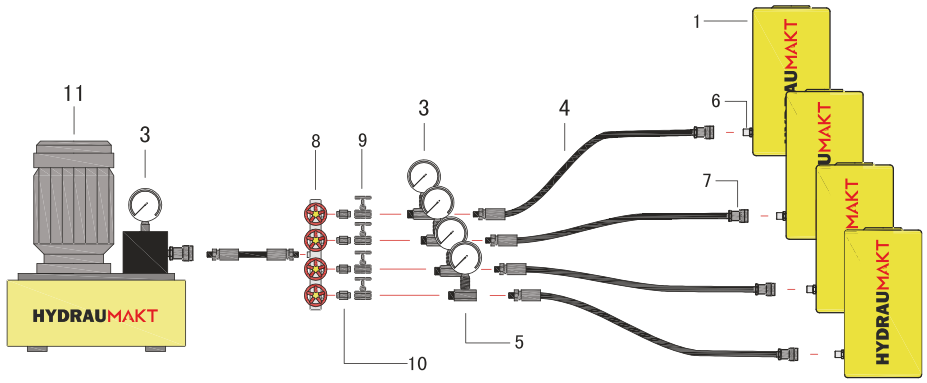
HYDRAULIC CYLINDER SET-UPS



Set-up one: One-way hand pump+Hose+Single acting hydraulic cylinder
It is the basic system set-up. The oil reservior of pump must be larger than the oil capacity of cylinder, so as to offer full cylinder stroke.



Set-up two: Two-way hand pump + Two manifolds + Six hoses + Two double acting hydraulic cylinders
With 2- or more-port manifold, the system allows simultaneous lift and descent of several double acting cylinders. Throttle valve installed on the outlet port of manifold regulates the flow of hydraulic fluid to or from the cylinders, so as to control the lift and descent of each cylinder and maintain horizontal movement of load.



Set-up Three: One-way electric pump + Manifold + Five hoses + Four single acting cylinder
With 4- or more- port manifold, the system allow simultaneous lift of several single acting cylinders. Throttle valve regulates the flow of hydraulic fluid to or from the cylinders. One- way valve allows safety holding of load in lifting applications.

1. Cylinder
2. Hand pump
3. Pressure gauge
4. Hose
5. Gauge adaptor
6. Female coupler
7. Male coupler
8. Manifold
9. Throttle valve
10. Connector
11. Electric pump
12. Safety holding valve

HYDRAUMAKT

HYDRAUMAKT

Value Series

HVC Series

SINGLE ACTING SPRING RETURN GENERAL PURPOSE CYLINDER

Working Pressure 700 Bar

Features

- Designed for use in all positions.
- High Strength Alloy Steel for durability.
- Chrome plated piston resists wear and corrosion.
- Dust wiper on piston rod reduces contamination.
- Baked enamel finish for increased corrosion resistance.
- 10-200 ton cylinder models are spring return, 250-1000 ton cylinder models are load return .
- Each cylinder Has Female half coupler and dust cap.
- Each cylinder has a flat grooved saddle .
- Tilt Saddle is Available on request.

Model	Cylinder Capacity @700 Bar		Stroke (mm)	Effective Area (cm2)	Oil Capacity (cm3)	Closed Height A (mm)	Extended Height B (mm)	Outside Dia. D (mm)	Inside Dia E (mm)	Piston Rod Dia. F (mm)	Standard Saddle Dia. J (mm)	Saddle Protr. From Plunger K (mm)	G.W. (Kg)
	Ton	KN											
HVC-102	10	111	50	15.9	85	122	172	68	45	36	27.5	2	3.1
HVC-104			100		169	172	272						4.4
HVC-106			150		254	222	372						5.7
HVC-202	20	198	50	28.3	157	126	176	83	60	45	37.5	2	4
HVC-204			100		311	176	276						5.3
HVC-206			150		465	226	376						6.6
HVC-302	30	309	50	44.2	237	137	187	103	75	65	48.5	2	7.9
HVC-304			100		471	187	287						10.7
HVC-306			150		705	237	387						13.5
HVC-502	50	496	50	70.8	389	147	197	123	95	70	57.5	2	11.6
HVC-504			100		768	197	297						14.9
HVC-506			150		1147	247	397						18
HVC-1002	100	1077	50	1539	833	182	232	178	140	100	83	2	25.7
HVC-1004			100		1584	232	332						30.6
HVC-1006			150		2335	282	432						35.5
HVC-1502	150	1496	50	213.7	1133	182	232	205	165	115	89	4	43
HVC-1504			100		2237	232	332						53
HVC-1506			150		3342	282	432						63
HVC-2002	200	1984	50	283.4	1500	202	252	228	190	135	109	4	60
HVC-2004			100		2953	252	352						71
HVC-2006			150		4406	302	452						83
HVC-2502	250	2540	50	362.9	1815	248	298	270	215	180	16.3	1	105
HVC-2504			150		5446	348	498						142
HVC-2506			300		10892	498	798						196
HVC-3002	300	3165	50	452.2	2262	267	317	285	240	200	177	1	126
HVC-3006			150		6786	367	517						165
HVC-30012			300		13572	517	817						224
HVC-4002	400	4006	50	572.3	2863	315	365	325	270	220	198	2	195
HVC-4006			150		8588	415	565						245
HVC-40012			300		17177	565	865						318
HVC-5002	500	5111	50	730.2	3653	345	395	373	305	250	228	2	283
HVC-5006			150		10959	445	595						349
HVC-50012			300		21918	595	895						451
HVC-6002	600	5984	50	854.9	4276	371	421	402	330	270	247	2	354
HVC-6006			150		12829	471	621						431
HVC-60012			300		25659	621	921						546
HVC-8002	800	8358	50	1194	5973	424	474	472	390	320	293	2	560
HVC-8006			150		17919	524	674						665
HVC-80012			300		35838	674	974						825
HVC-10002	1000	10161	50	1451.5	7261	477	527	530	430	360	326	2	799
HVC-10006			150		21783	577	727						937
HVC-100012			300		43566	727	1027						1145

HYDRAUMAKT
Value Series

HVL Series

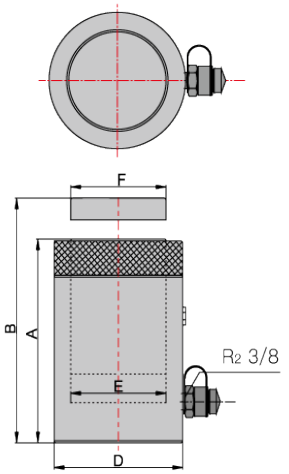
Features

- High Strength alloy Steel for durability
- Baked enamel finish for increased corrosion resistance.
- Each Cylinder has Female Coupler & dust cap.
- To Secure loads mechanically lock nut to support load.
- Overflow port prevents piston from being Overextended.

SINGLE - ACTING, LOCK NUT CYLINDER

Working Pressure 700 Bar

Model	Cylinder		Stroke (mm)	Effective Area (cm2)	Oil Capacity (cm3)	Closed Height A (mm)	Extended Height B (mm)	Outside Dia. D (mm)	Inside Dia. E (mm)	Piston Rod Dia. F (mm)	Locknut Height (mm)	G.W. (Kg)
	Ton	KN										
HVL-102	10	111	50	15.9	90	144	194	68	45	45	28	4
HVL-104			100		171	194	294					5.5
HVL-106			150		255	244	394					7
HVL-202	20	198	50	28.3	168	148	198	83	60	60	30	7
HVL-204			100		316	198	298					9
HVL-206			150		467	248	398					11.2
HVL-302	30	309	50	44.2	248	156	206	103	75	75	32	9.5
HVL-304			100		475	206	306					12.7
HVL-306			150		706	256	406					15.5
HVL-502	50	496	50	70.8	406	164	214	123	95	95	36	14.5
HVL-504			100		773	214	314					19
HVL-506			150		1147	264	414					23.5
HVL-1002	100	1002	50	143.1	797	186	236	168	135	135	44	30.5
HVL-1004			100		1548	236	336					39
HVL-1006			150		2299	286	436					47.5
HVL-1502	150	1496	50	213.7	1168	209	259	208	165	165	44	54
HVL-1504			100		2273	259	359					66.5
HVL-1506			150		3377	309	459					79.5
HVL-2002	200	1984	50	283.4	1502	243	293	238	190	190	50	80.5
HVL-2004			100		2955	293	393					97.5
HVL-2006			150		4408	343	493					113.5
HVL-2502	250	2540	50	362.9	1900	249	299	275	215	215	56	115
HVL-2506			150		5566	349	499					163
HVL-25012			300		11047	499	799					233
HVL-3002	300	3165	50	452.2	2262	296	346	285	240	240	60	136
HVL-3006			150		6786	396	546					185
HVL-30012			300		13572	546	846					258
HVL-4002	400	4006	50	572.3	2863	321	371	325	270	270	70	207
HVL-4006			150		8588	421	571					270
HVL-40012			300		17177	571	871					366
HVL-5002	500	5111	50	730.2	3653	356	406	372	305	305	80	301
HVL-5006			150		10959	456	606					385
HVL-50012			300		21918	606	906					511
HVL-6002	600	5984	50	854.9	4276	376	426	402	330	330	85	370
HVL-6006			150		12829	476	626					470
HVL-60012			300		25659	626	926					616
HVL-8002	800	8358	50	1194	5973	441	491	472	390	390	100	603
HVL-8006			150		17919	541	691					736
HVL-80012			300		35838	691	991					941
HVL-10002	1000	10161	50	1451.5	7261	491	541	530	430	430	110	847
HVL-10006			150		21783	591	741					1017
HVL-100012			300		43566	741	1041					1273



HYDRAUMAKT

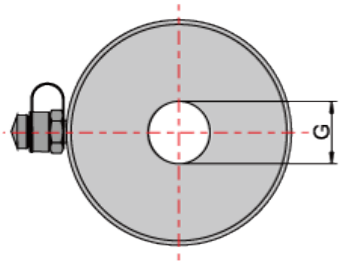
Value Series

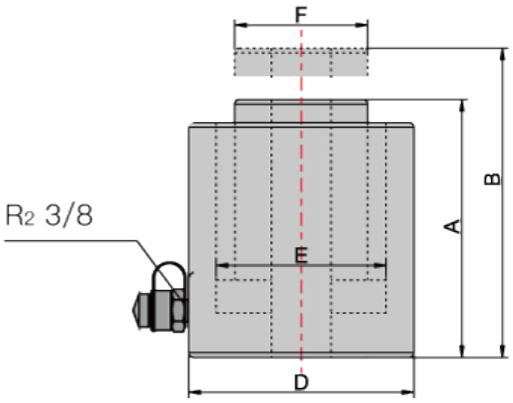
HVH Series

S/A, SPRING RETURN HOLLOW PLUNGER CYLINDERS- VALUE SERIES

Features

- Hollow Plunger design allows for both push and pull forces.
- Single Acting, Spring Return.
- High Strength alloy Steel for durability
- Baked enamel finish for increased corrosion resistance.
- Each Cylinder has Female Coupler and dust cap.





MODEL	Cylinder Capacity @ 700 (Ton)	Stroke (mm)	Effective Area (cm2)	Oil Capacity (cm3)	Closed Height A (mm)	Extended Height B (mm)	D Outside Dia. (mm)	Centre Hole G (mm)	Inside Dia E (mm)	F Piston Rod Dia. (mm)	G.W. (Kg)
HVH -202	20	50	29.3	146	161	211	98	27	73	54	7.5
HVH-204		100		292	223	323					10
HVH-302	30	50	47.7	239	180	230	114	33	90	63	9
HVH-304		100		477	246	346					14.5
HVH-602	60	50	80.3	402	247	297	158	54	123	91	30.2
HVH-604		100		803	304	404					36.2
HVH-1004	100	75	135.2	1015	276	351	212	80	165	127	57

HRC Series

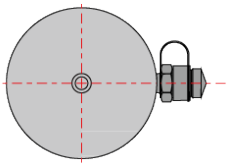
Features

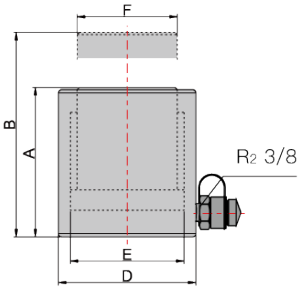
- High Strength alloy Steel for durability.
- Easy-Carry handle for maximum Portability.*
- Single Acting and heavy duty return spring.
- Each Cylinder has Female Coupler and dust Cap.
- Grooved saddle for equal load distribution.
- Baked enamel finish for the improved corrosion resistance.
- Option of base mounting hole & tilt saddle.
- Designed for use in all positions.
- Plunger wiper for clearing the piston.

*(on select models)

SINGLE -ACTING, GENERAL PURPOSE CYLINDER

Model	Capacity (Ton)	Stroke (mm)	Min Height (mm) A	Outside Diameter D (mm)	Effective Area (cm^2)	Oil Capacity (cm^3)	Saddle Diameter F (mm)	Thread Size	Thread Length (mm)	Weight (Kg)
HRC50	5	16	42	38	7	11	26	1½"-16	28	1.1
HRC51	5	25	110	38	6.5	16	25.5	1½"-16	28	1.1
HRC53	5	76	165	38	6.5	50	25.5	1½"-16	28	1.5
HRC55	5	127	215	38	6.5	83	25.5	1½"-16	28	1.9
HRC57	5	177	273	38	6.5	115	25.5	1½"-16	28	2.4
HRC59	5	232	323	38	6.5	151	25.5	1½"-16	28	2.8
HRC101	10	26	89	57	14.5	38	35	2¼-14	27	1.8
HRC102	10	54	121	57	14.5	78	35	2¼-14	27	2.3
HRC104	10	105	171	57	14.5	152	35	2¼-14	27	3.3
HRC106	10	156	247	57	14.5	226	35	2¼-14	27	4.4
HRC108	10	203	298	57	14.5	294	35	2¼-14	27	5.4
HRC1010	10	257	349	57	14.5	373	35	2¼-14	27	6.4
HRC1012	10	304	400	57	14.5	441	35	2¼-14	27	6.8
HRC1014	10	356	450	57	14.5	516	35	2¼-14	27	8.2
HRC151	15	25	124	70	19.6	49	38	2¾"-16	30	3.3
HRC152	15	51	149	70	19.6	100	38	2¾"-16	30	4.1
HRC154	15	101	200	70	19.6	198	38	2¾"-16	30	5
HRC156	15	152	271	70	19.6	298	38	2¾"-16	30	6.8
HRC158	15	203	322	70	19.6	398	38	2¾"-16	30	8.2
HRC1510	15	254	373	70	19.6	498	38	2¾"-16	30	9.5
HRC1512	15	305	423	70	19.6	598	38	2¾"-16	30	10.9
HRC1514	15	356	474	70	19.6	697	38	2¾"-16	30	11.8
HRC251	25	26	139	85	33.2	86	50	3 5/16"-	49	5.9
HRC252	25	50	165	85	33.2	166	50	3 5/16"-	49	6.4
HRC254	25	102	215	85	33.2	339	50	3 5/16"-	49	8.2
HRC256	25	158	273	85	33.2	525	50	3 5/16"-	49	10
HRC258	25	210	323	85	33.2	697	50	3 5/16"-	49	12.2
HRC2510	25	261	374	85	33.2	867	50	3 5/16"-	49	14.1
HRC2512	25	311	425	85	33.2	1033	50	3 5/16"-	49	16.3
HRC2514	25	362	476	85	33.2	1202	50	3 5/16"-	49	17.7
HRC308	30	209	387	102	44.2	923	50	–	–	18.1
HRC502	50	51	176	127	70.8	361	71	5"-12	55	15
HRC504	50	101	227	127	70.8	715	71	5"-12	55	19.1
HRC506	50	159	282	127	70.8	1125	71	5"-12	55	23.1
HRC5013	50	337	460	127	70.8	2386	71	5"-12	55	37.6
HRC756	75	156	285	147	103.8	1619	71	5¾"-12	44	29.5
HRC7513	75	333	492	147	103.8	3456	71	5¾"-12	44	59
HRC1006	100	168	357	177	132.7	2229	71	6 7/8"-12	44	59
HRC10010	100	260	449	177	133.3	3450	71	6 7/8"-12	44	72.6





HYDRAUMAKT

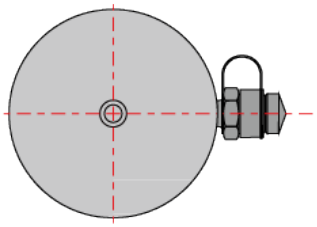
HLH Series

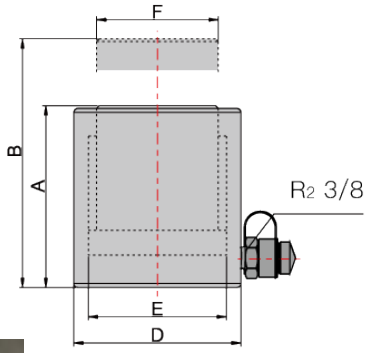
SINGLE -ACTING LOW HEIGHT CYLINDER SPRING RETURN

Working Pressure 700 Bar

Features

- Single -Acting and Heavy duty return spring
- Baked enamel finish for the improved corrosion resistance.
- Flat design for using in confined area.
- Each Cylinder Has Female Coupler and Dust Cap.





Model No.	Capacity	Stroke (mm)	Min Height A (mm)	Outside Diameter D (mm)	Effective Area (cm^2)	Oil Capacity (cm^3)	Saddle Diameter F (mm)	Weight (Kg)
HLH101	10	38	88	70	14.5	55	38.1	4.1
HLH201	20	45	98	92	28.7	129	50.8	5.0
HLH302	30	61	117	101	42.1	261	66.5	6.8
HLH502	50	60	122	124	62.1	381	69.8	10.9
HLH1002	100	57	141	165	32.1	756	92.2	22.7
HLH1502	150	51	206	205	201.1	1025	138	42.1

HYDRAUMAKT

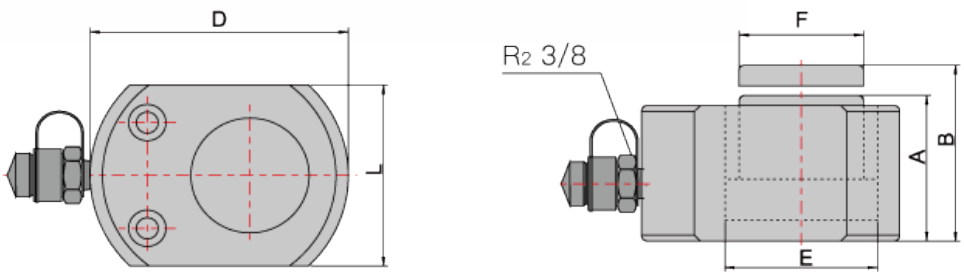
HJF Series

Features

- Compact, Flat Design for use in confined spaces.
- Single acting, spring return.
- High Strength Alloy Steel for durability.
- Chrome plated piston resists wear and corrosion.
- Baked enamel finish for increased corrosion resistance
- Grooved piston rods require no saddle.
- Mounting holes permit easy fixturing.
- Cylinder bores are roller burnished to harden the surface and make it smoother.
- Each Cylinder has Female Coupler and Dust Cap.

S/A FLAT JACK CYLINDER

Working Pressure 700 Bar



Model	Cylinder Capacity		Stroke (mm)	Effective Area (cm2)	Oil Capacity (cm3)	Closed Height A (mm)	Extended Height B (mm)	Outside Dia. D X L (mm)	Inside Dia E (mm)	Piston Rod Dia. F (mm)	G.W. (Kg)
	Ton	KN									
HJF-5	5	67	7	9.6	7	40	47	64 X 45	35	25	0.75
HJF-10	10	111	10	15.9	16	48	58	83 X 60	45	38	1.6
HJF-20	20	198	11	28.3	34	56	67	99 X 76	60	50	2.7
HJF-30	30	309	13	44.2	55	62	75	123 X 98	75	64	4.6
HJF-50	50	496	16	70.8	101	72	88	148 X 120	95	70	7.8
HJF-100	100	1002	16	143.1	200	91	107	188 X160	135	100	16.8
HJF-150	150	1496	16	213.7	342	100	116	215 X 190	165	115	27
HJF-200	200	1984	20	283.4	567	110	130	255 X 244	190	135	42

HYDRAUMAKT

HLL Series

SINGLE-ACTING LOAD RETURN LOCK NUT HYDRAULIC CYLINDER

Ideal for bridge, mill lifting application

Features

- Safety Lock nut for mechanical load holding for long time.
- Baked enamel finish for the improved corrosion resistance
- Cylinder can withstand over 5% pressure of rated load without scoring.
- Overflow port functions as a stroke limiter.
- Single Acting Load Return.
- Optional Tilt Saddle.
- Each Cylinder Has Female Coupler and Dust Cap.

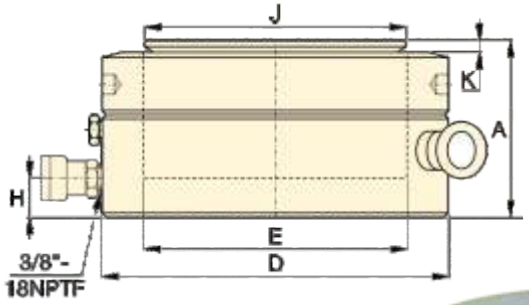
Model	Capacity	Stroke	Min Height	Outside Diameter	Effective Area	Oil Capacity	Saddle Diameter	Weight
	(Ton)	(mm)	(mm)	(mm)	(cm^3)	(cm^3)	(mm)	(Kg)
HLL502	50	50	164	125	70.9	355	71	15
HLL504	50	100	214	125	70.9	709	71	20
HLL506	50	150	264	125	70.9	1064	71	25
HLL508	50	200	314	125	70.9	1418	71	30
HLL5010	50	250	364	125	70.9	1773	71	35
HLL5012	50	300	414	125	70.9	2127	71	40
HLL1002	100	50	187	165	132.7	664	71	30
HLL1004	100	100	237	165	132.7	1327	71	39
HLL1006	100	150	287	165	132.7	1991	71	48
HLL1008	100	200	337	165	132.7	1991	71	48
HLL10010	100	250	387	165	132.7	3318	71	64
HLL10012	100	300	437	165	132.7	3981	71	73
HLL1502	150	50	209	205	201	1005	130	53
HLL1504	150	100	259	205	201	2010	130	66
HLL1508	150	200	359	205	201	4020	130	92
HLL15010	150	250	409	205	201	5025	130	104
HLL15012	150	300	459	205	201	6030	130	117
HLL2002	200	50	243	235	265.6	1330	130	83
HLL2006	200	150	343	235	265.6	3989	130	117
HLL20010	200	250	443	235	265.6	6648	130	152
HLL2502	250	50	249	275	366.4	1832	150	116
HLL2506	250	150	349	275	366.4	5496	150	162
HLL25010	250	250	449	275	366.4	9160	150	210
HLL3002	300	50	295	310	456.2	2281	139	173
HLL3006	300	150	395	310	456.2	6843	139	233
HLL30010	300	250	495	310	456.2	11405	139	293
HLL4002	400	50	335	350	559.9	2800	159	250
HLL4006	400	150	435	350	559.9	8399	159	327
HLL40010	400	250	535	350	559.9	13998	159	402
HLL5002	500	50	375	400	730.6	3656	228	367
HLL5006	500	150	475	400	730.6	10967	228	466
HLL50010	500	250	575	400	730.6	18278	228	567
HLL6002	600	50	395	430	855.3	4277	194	446
HLL6006	600	150	495	430	855.3	12830	194	562
HLL60010	600	250	595	430	855.3	21383	194	679
HLL8002	800	50	455	505	1176.9	5882	224	709
HLL8006	800	150	555	505	1176.9	17645	224	870
HLL80010	800	250	655	505	1176.9	29408	224	1029
HLL10002	1000	50	495	560	1466.4	7329	360	949
HLL10006	1000	150	595	560	1466.4	21986	360	1141
HLL100010	1000	250	695	560	1466.4	36643	360	1333

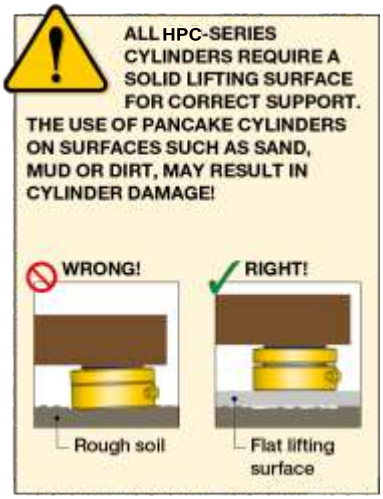
HPC Series

Features

- Single Acting and load return.
- Flat design for using in confined area.
- Special bearing design with stands side load forces upto 3% of rated cylinder capacity
- Lock nut feature for Positive and safe load holding over a long period of time.
- Build in safety valve helped to prevent accidental over pressurization.
- Each Cylinder Has Female Coupler and dust Cap.
- Tilt saddle to avoid side loading.
- Ideal for bridge bearing installation/repair.

SINGLE-ACTING PANCAKE LOCK NUT CYLINDER





Model	Capacity	Stroke	Min Height	Outside	Effective	Oil	Saddle	Weight
			A	Dia. D	Area	Capacity	Dia. J	
	(Ton)	(mm)	(mm)	(mm)	(cm^2)	(cm^3)	(mm)	(Kg)
HPC602	60	50	125	140	86.6	432	96	15
HPC1002	100	50	137	175	143.1	716	126	26
HPC1602	160	45	148	220	227	1022	160	44
HPC2002	200	45	155	245	283.5	1276	180	57
HPC2502	260	45	159	275	366.4	1649	200	74
HPC4002	400	45	178	350	559.9	2519	250	134
HPC5002	520	45	192	400	730.6	3287	290	189

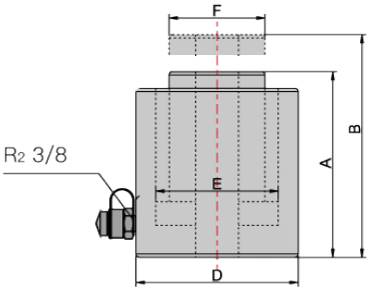
HYDRAUMAKT

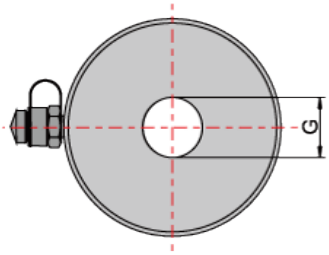
HRH Series

S/A HOLLOW PLUNGER CYLINDER

Features

- Hollow Plunger design allows for both push and pull forces.
- Single Acting, Spring Return.
- High Strength alloy Steel for durability
- Baked enamel finish for increased corrosion resistance.
- Each Cylinder has Female Coupler and dust Cap.





MODEL	Cylinder Capacity @ 700 Bar Ton	Stroke (mm)	Effective Area (cm2)	Oil Capacity (cm3)	Closed Height A (mm)	Outside Dia. D (mm)	Centre Hole G (mm)	Piston Rod Dia. F (mm)	Gross Weight (Kg)
HRH-120	12	8	17.9	14	55	69	19	35	1.5
HRH-121		42	17.9	75	120	69	19	35	2.8
HRH-123		76	17.9	136	184	69	19	35	4.4
HRH-202	20	50	30.5	152	162	99	26.9	55	7.7
HRH-206		155	30.5	473	306	99	28	55	14.1
HRH-302	30	64	47.7	305	179	115	34	63	10.9
HRH-306		155	47.7	739	331	115	34	63.5	21.8
HRH-603	60	77	84.2	648	248	160	53	92	28.1
HRH-606		152	84.2	1280	325	160	53	92	35.4
HRH-1003	100	76	135.3	1028	254	212	78	127	63

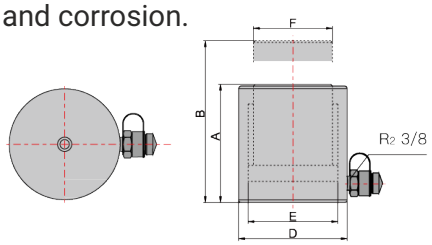
HAS Series

Features

- Lightweight for Maximum portability.
- Hard coat finish on all surfaces resists damage and extends cylinder lift.
- Single acting, spring return.
- Each cylinder has a male half coupler and dust cap.
- Each cylinder has a flat grooved saddle. Tilt saddle is available on request.
- Half the weight of steel cylinders of comparable capacity.
- Aluminum body resists sparking in explosive environment.
- Hard coated aluminum piston rod and cylinder bore resist wear and corrosion.

SINGLE -ACTING ALUMINUM CYLINDER

Working Pressure 700 Bar



Model	Cylinder Capacity @700 Bar		Stroke (mm)	Effective Area (cm2)	Oil Capacity (cm3)	Closed Height A (mm)	Extended Height B (mm)	Outside Dia. D (mm)	Inside Dia. E (mm)	Piston Rod Dia. F (mm)	Standard Saddle Dia. J (mm)	Saddle Protr. From Plunger K (mm)	Gross Weight (Kg)
	Ton	KN											
HAS-102	10	111	50	15.9	85	142	192	60	45	38	30	2	1.2
HAS-104			100		169	192	292						1.7
HAS-106			150		254	242	392						2.1
HAS-202	20	198	50	28.3	157	162	212	85	60	52	41	2	3
HAS-204			100		311	212	312						3.8
HAS-206			150		465	262	412						4.6
HAS-302	30	309	50	44.2	240	172	222	110	75	62	49	2	5.1
HAS-304			100		474	222	322						6.4
HAS-306			150		707	272	422						7.6
HAS-502	50	496	50	70.8	391	182	232	140	95	80	67	2	8.6
HAS-504			100		770	232	332						10.5
HAS-506			150		1149	282	432						12.5
HAS-1002	100	1002	50	143.1	783	208	258	180	135	110	99	2	17
HAS-1004			100		1534	258	358						20.5
HAS-1006			150		2285	308	458						23.3
HAS-1502	150	1496	50	213.7	1136	233	283	230	165	135	114	4	30.9
HAS-1504			100		2241	283	383						35.9
HAS-1506			150		3345	333	483						40.9
HAS-2002	200	1984	50	283.4	1485	263	313	270	190	160	139	4	47.5
HAS-2004			100		2938	313	413						51.6
HAS-2006			150		4391	363	513						61.2
HAS-2008			200		5844	413	613						68
HAS-20010			250		7297	463	713						74.8

HYDRAUMAKT

HTJ Series

HYDRAULIC TOE JACKS

For Machinery lifting and positioning with minimum available access. Lifting points on toe and head offers much wider applications than a conventional Hydraulic jack.

Features

- Quick, simple and effortless operation by hand.
- Lifting points on toe and head provides added versatility.
- The toe structural part is made of alloy steel and casted from a mold without welding or bending process which materializes great strength and durability.
- Low high lifting toe allows working in confined areas.
- Height strength return spring enables rapid ram retraction.
- Swivelling pump handle assembly allows the operator to access and pump the unit from numerous positions.
- Built- in safety valve prevents overpressurization.
- Internal overflow valve functions as a stroke limiter.
- Convenient Carry Handle.

Model	Capacity (ton)		Hydraulic Lifting (mm)	Closed Body Height A (mm)	Toe Clearance B (mm)	G.W (Kg)
	Toe	Head				
HTJ-5	2.5	5	120	222	16	14.2
HTJ-10	5	10	150	265	18	20.7
HTJ-20	10	20	160	285	20	31
HTJ-30	15	30	160	305	20	46.4

HYDRAULIC BOTTLE JACK

HBJ Series

Features

- Low handle effort reduces operator fatigue.
- Pumping handle included on all models.
- Complies with ANSI/ASME/PALD standards & CS/GS
- Inline design makes the jack more easier to position & operate.
- Automatic bypass port to prevent over-extension.
- Wiper seal for extended life.
- Chrome plating on plungers.
- Fully serviceable.

Model	Capacity (In Tons)	Hydraulic Stroke (mm)	Min. Height (mm)	Max.Height (mm)	Screw Extension (mm)
HBJ-2	2	116	181	345	48
HBJ-5	5	127	216	391	48
HBJ-10	10	150	230	430	50
HBJ-15	15	150	230	430	50
HBJ-20	20	150	242	442	50
HBJ-30	30	150	285	435	-
HBJ-50	50	180	300	480	-

HYDRAUMAKT
Value Series

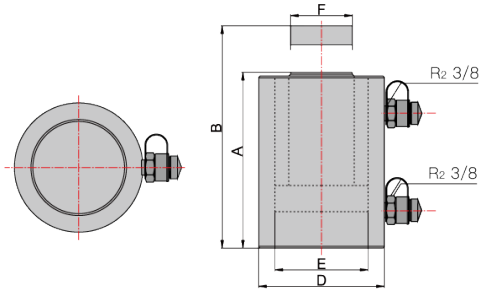
HVD Series

Features

- Double acting for rapid piston retraction.
- High strength alloy steel for durability .
- Chrome plated piston resists wear and corrosion.
- Baked Enamel finish for increased corrosion resistance.
- Dust wiper on piston rod reduces contamination.
- Grooved Piston Rods require no saddle.
- Each Cylinder has two 3/8 female half couplers & dust caps.

DOUBLE ACTING GENERAL PURPOSE CYLINDERS

Working Pressure 700 Bar



Model	Cylinder Capacity @ 700 Bar			Stroke	Effective Area (cm2)		Oil Capacity (cm3)		Closed Height A (mm)	Extended Height B (mm)	Outside Dia. (mm)	Inside Dia E (mm)	Piston Rod Dia. (mm)	G.W. (Kg)
	Ton	Push (KN)	Pull (KN)		Push	Pull	Push	Pull						
HVD-1010	10	137	70	250	19.6	10	491	250	380	630	70	50	35	10
HVD-1012				300			589	300	430	730				11
HVD-2010	20	198	110	250	28.3	15.7	707	393	390	640	80	60	40	13
HVD-2012				300			848	471	440	740				15
HVD-308	30	309	172	200	44.2	24.6	884	492	364	564	95	75	50	17
HVD-3012				300			1325	738	464	764				21
HVD-508	50	496	227	200	70.8	32.4	1418	648	374	574	120	95	70	29
HVD-5012				300			2126	971	474	774				35
HVD-1008	100	1002	557	200	143.1	79.5	2863	1590	389	589	175	135	90	60
HVD-10012				300			4294	2384	489	789				73
HVD-2002	200	1984	982	50	283.4	140.3	1418	702	217	267	228	190	135	63
HVD-2006				150			4253	2105	317	467				84
HVD-20012				300			8506	4210	467	767				146
HVD-2502	250	2540	760	50	362.9	108.5	1815	543	261	311	270	215	180	102
HVD-2506				150			5446	1628	361	511				135
HVD-25012				300			10892	3256	511	811				184
HVD-3002	300	3165	967	50	452.2	138.2	2262	691	280	330	285	240	200	133
HVD-3006				150			6786	2072	380	530				173
HVD-30012				300			13572	4145	530	830				231
HVD-4002	400	4006	1346	50	572.3	192.3	2863	962	341	391	325	270	220	211
HVD-4006				150			8588	2885	441	591				262
HVD-40012				300			17177	5770	591	891				336
HVD-5002	500	5111	1677	50	730.2	239.6	3653	1198	376	426	372	305	250	309
HVD-5006				150			10959	3594	476	626				360
HVD-50012				300			21918	7189	626	926				460
HVD-6002	600	5984	1978	50	854.9	282.6	4276	1413	397	447	402	330	270	381
HVD-6006				150			12829	4239	497	647				458
HVD-60012				300			25659	8478	647	947				575
HVD-8002	800	8358	2731	50	1194	390.1	5973	1951	438	488	472	390	320	583
HVD-8006				150			17919	5852	538	688				681
HVD-80012				300			35838	11704	688	988				850
HVD-10002	1000	10161	3039	50	1451.5	434.1	7261	2171	493	543	530	430	360	830
HVD-10006				150			21783	6512	593	743				970
HVD-100012				300			43566	13023	743	1043				1177

HYDRAUMAKT

Value Series

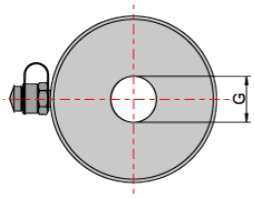
HVDH Series

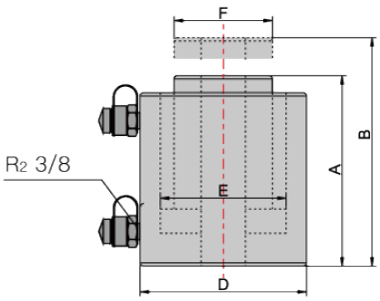
DOUBLE ACTING, HOLLOW PLUNGER CYLINDER

Working Pressure 700 Bar

Features

- Hollow plunger design allows for both push and pull forces.
- Double acting, hydraulic return.
- High-strength alloy steel is processed by top heat treatment and imported CNC lathe, drilling machine and grinder.
- Baked enamel finish for increased corrosion resistance
- Imported seals make the oil cylinder difficult to wear when working continuously.
- The plunger head is heat-treated, so no saddle is needed.
- Each Cylinder Has Female Coupler and dust Cap.





MODEL	Cylinder Capacity @ 700 Bar			Stroke	Effective Area cm²		Oil Capacity (cm3)		Closed Height A	Extended Height B	Outside Dia. D	Centre Hole G	Inside Dia E	Piston Rod Dia.	G.W. (Kg)
	Ton	Push (KN)	Pull (KN)	(mm)	Enter	Return	Enter	Return	(mm)	(mm)	(mm)	(mm)	(mm)	F (mm)	
HVDH-602				50			402	269	202	252					24.5
HVDH-604	60	562	377	100	80.3	53.8	803	538	252	352	158	54	123	91	31.3
HVDH-1002				50			689	459	207	257					44.7
HVDH-1004	100	965	642	100	137.8	91.7	1379	917	257	357	212	80	166	126	56.6
HVDH-1502				50			1118	650	217	267					69.7
HVDH-1504	150	1495	909	100	213.5	129.9	2236	1299	267	367	258	100	210	166	87.2
HVDH-2002				50			1436	829	237	287					90.9
HVDH-2004	200	1929	1161	100	275.5	165.8	2873	1658	287	387	288	120	240	191	112

HDC Series

Features

- Anti-slip saddle head can be installed to protect tools. (optional)
- Built-in pressure relief valve to prevent sudden over pressure and ensure safety.
- Double-acting oil cylinder, fast return speed-Composite material coating, stronger corrosion resistance.
- Equipped with a hydraulic lock, the pressure can still be maintained for a long time after the pump is withdrawn.

D/A GENERAL PURPOSE CYLINDER

Model	Capacity (Ton)		Stroke (mm)	Minimum height (mm)	Outer diameter (mm)	Effective area (cm²)		Cylinder volume (cm³)		Saddle diameter (mm)	Weight (Kg)
	Push	Pull				Advance	Return	Advance	Return		
HDC1010	10	4.1	254	409	76	14.5	5.9	368	149	33	12
HDC1012	10	4.1	305	457	76	14.5	5.9	442	180	33	14
HDC506	50	22.6	150	325	127	70.8	32.3	1062	484	70	30
HDC5012	50	22.6	300	475	127	70.8	32.3	2124	969	70	52
HDC1002	100	44	50	182	188	132.7	61.9	664	310	95	27
HDC1004	100	44	100	232	188	132.7	61.9	1327	619	95	33
HDC1006	100	44	150	282	188	132.7	61.9	1991	929	95	37
HDC1008	100	44	200	332	188	132.7	61.9	2654	1238	95	44
HDC10010	100	44	250	382	188	132.7	61.9	3318	1548	95	50
HDC10012	100	44	300	432	188	132.7	61.9	3981	1857	95	57
HDC1502	150	67.9	50	196	216	201	97	1005	485	115	47
HDC1504	150	67.9	100	246	216	201	97	2010	970	115	57
HDC1506	150	67.9	150	296	216	201	97	3015	1455	115	67
HDC1508	150	67.9	200	346	216	201	97	4020	1940	115	77
HDC15010	150	67.9	250	396	216	201	97	5025	2425	115	87
HDC15012	150	67.9	300	446	216	201	97	6030	2910	115	97
HDC2002	200	93	50	235	242	265.9	133.1	1329	665	130	67
HDC2006	200	93	150	335	242	265.9	133.1	3988	1996	130	92
HDC20010	200	93	250	435	242	265.9	133.1	6647	3327	130	117
HDC2502	250	107	50	236	288	366.4	152.6	1832	763	165	105
HDC2506	250	107	150	336	288	366.4	152.6	5496	2289	165	141
HDC25010	250	107	250	436	288	366.4	152.6	9160	3815	165	176
HDC3002	300	121	50	350	325	456.2	172.6	2281	863	190	204
HDC3006	300	121	150	412	325	456.2	172.6	6843	2589	190	252
HDC30010	300	121	250	512	325	456.2	172.6	11405	4315	190	299
HDC4002	400	138	50	370	367	559.9	196.8	2799	984	215	281
HDC4006	400	138	150	470	367	559.9	196.8	8399	2952	215	342
HDC40010	400	138	250	570	367	559.9	196.8	13998	4920	215	405
HDC5002	500	168	50	400	405	730.6	239.7	3653	1198	250	411
HDC5006	500	168	150	500	405	730.6	239.7	10959	3595	250	493
HDC50010	500	168	250	600	405	730.6	239.7	18265	5992	250	575
HDC6002	600	207	50	445	450	855.3	295.4	4277	1477	267	494
HDC6006	600	207	150	545	450	855.3	295.4	12830	4431	267	586
HDC60010	600	207	250	645	450	855.3	295.4	21383	7385	267	678
HDC8002	800	252	50	695	515	1164	360	5820	1800	320	759
HDC8006	800	252	150	595	515	1164	360	17460	5400	320	885
HDC80010	800	252	250	695	515	1164	360	29100	9000	320	1019
HDC10002	1000	380	50	535	580	1465.7	541.7	7328	2708	342	1012
HDC10006	1000	380	150	635	580	1465.7	541.7	21985	8125	342	1168
HDC100010	1000	380	250	735	580	1465.7	541.7	36418	13543	342	1325

HYDRAUMAKT

HDH Series

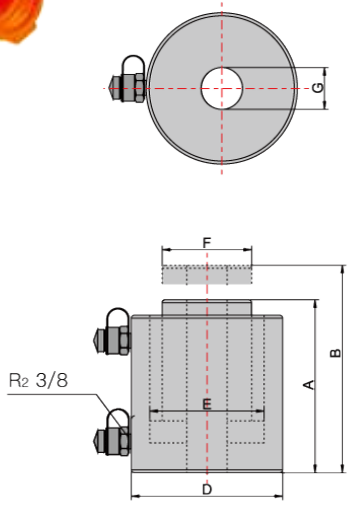
DOUBLE-ACTING HOLLOW PLUNGER CYLINDER

Working Pressure 700 Bar

For use in Testing, Maintenance & Tension applications

Features

- Double Acting Design for Fast Retraction
- Hollow Plunger design allows for both Pull and Push Forces.
- Baked enamel finish for the improved Corrosion Resistance.
- Relief Valve Protect Cylinder damage in case of Over Pressurization.



Model	Capacity (Ton)		Stroke (mm)	Collapsed Height A (mm)	Outside Diameter D (mm)	Effective Area (cm^2)		Oil Capacity (cm^3)		Plunger Diameter F (mm)	Hollow Diameter G (mm)	Weight (Kg)
	Push	Pull				Push	Pull	Push	Pull			
HDH307	34	23	178	331	115	47.7	32.4	849	576	63	34	21
HDH3010	30	23	258	431	115	47.7	32.4	1230	836	63	34	27
HDH603	60	42	89	248	160	84.2	56.2	749	500	95	53	28
HDH606	60	42	165	324	160	84.2	56.2	1389	927	95	53	35
HDH6010	60	42	257	438	160	84.2	56.2	2164	1444	95	53	45
HDH1001	100	68	38	166	212	135.2	87.1	513	331	127	79	33
HDH1003	100	68	76	255	212	135.2	87	1027	661	127	78	61
HDH1006	100	68	153	343	212	135.2	87	2068	1331	127	78	79
HDH10010	100	68	253	443	212	135.2	87	3420	2201	127	78	106
HDH1508	150	75	200	349	247	205	106.8	4100	2136	152	78	111

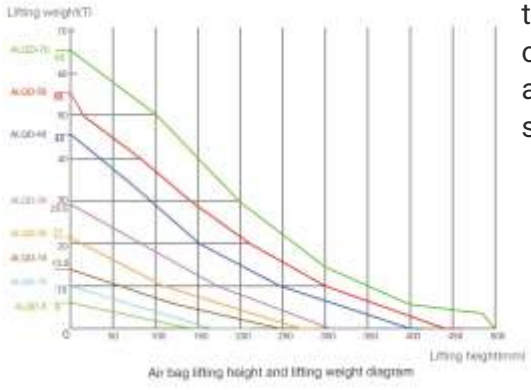
HQD Series

Features

- Air lifting bag are made up of special wear-resistant material. It has the characteristics of wear resistance and light weight.
- The Surface of the air lifting bag is designed with a grooves anti-slip.
- The Air Cushion is printed with corresponding parameters for the rescuer to use.
- The inflatable jacks are printed with corresponding parameters for user information.

AIR INFLATABLE JACK

Model No.	Working pressure		Dimension (L x W x H)	Weight	Air requirement	Max. lifting height	Max. Lifting capacity
	Bar	PSI	cm	kg	litres	cm	ton
HQD-3	8	116	22.5x22.5x2.5	1.3	30	13	3.04
HQD-5	8	116	30x30x2.5	2.4	42	16	5.5
HQD-10	8	116	38x38x2.5	4.2	86	21	10.1
HQD-15	8	116	45x45x2.5	6	152	25	13.5
HQD-20	8	116	55x55x2.5	8.3	296	30	21.6
HQD-30	8	116	61x61x2.5	11.5	416	34	27.8
HQD-35	8	116	65x65x2.7	15	532	36	35
HQD-40	8	116	78x78x2.7	19.1	921	42	45
HQD-50	8	116	87x87x2.7	23.9	1305	47	55
HQD-70	8	116	95x95x2.8	31	1828	48	70



Air bag lifting height and lifting weight diagram

The inflatable jack can be used in multiple applications like, Boiler tube maintenance (for expanding the gap between tubes), Rescue operations, machine lifts and many such applications where space is a constraint. The inflatable jacks can easily slip between the load and surface to give the desired force required to do the job.

Suggested Accessories

Dual Jack Controller

Air Hose with Coupler

Pressure Reducer

Single Jack Controller

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Our Quality Policy

Each product is tested to the most excruciating standards. Only this way we can ensure the un-interrupted performance of our products. Our High Quality product matched with the unbeatable enables us to cater to the requirements of the markets. We recognize that consistent satisfaction of customer needs is essential to business survival & we diligently work towards securing a long term partnership.

Warranty Statement

Each HYDRAUMAKT Product with the exception mentioned below are warranted against defects in workmanship and materials for the period of one year from the date of delivery to the buyer. The Warranty does not cover any product or part which is abused, heated, damaged, broken, worn out or otherwise altered or used in a manner inconsistent with the instructions or used for a purpose otherwise not intended for.

Electric motors , circuits , batteries , blades, cutters etc. supplied with Hydraumakt tools are not covered under this warranty .

For this warranty to take effect the costumer has to return the defective product to the Hydraumakt or its authorized Distributor on Freight Paid basis. If the Product is found to be defective by Hydraumakt as per the conditions stated above , the Hydraumakt shall repair or replace the product on its discretion and the same shall be returned on Freight Pre Paid basis.

The Warranty is limited to the Hydraumakt product and not extended beyond their product or any incidental ancillary.

HYDRAUMAKT

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