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For Technical Data please see Section 9

Hydraulic Nut Crackers

Working Pressure 720 bar

FEATURES:

- Safe: no sparks, no parts flying around
- Compact, lightweight
- Can be used in all positions
- Spring return
- Adjustable blade prevents damage to the thread



HNC 3250 U



Nut cracker model
HNC 1536 NU in use

Nut Cracker		Cylinder Capacity		Min. Reach		Max. Reach Category 8 Bolt		Max. Reach Category 2 H Bolt		Weight		Recommended Pump	
Part Number	Model	Tons	kN	Met. Size	Hex Size (mm)	Met. Size	Hex Size (mm)	Met. Size	Hex Size (mm)	Tool Kg	Incl. case Kg	Model	Alternative
100.102.009	HNC 1536 NU	15	148	M12 (1/2")	19 (3/4")	M24 (7/8")	36 (1 1/4")	M20 (3/4")	30 (1 1/4")	2.9	4.2	HTS 550 A	AHS 1400 FS
100.102.006	HNC 3250 U	32	316	M22 (7/8")	32 (1 1/4")	M33 (1 1/4")	50 (2")	M20 (3/4")	30 (1 1/4")	2.9	4.2	HTS 550 A	AHS 1400 FS

Hydraulic Cutters

Working Pressure 500 bar

APPLICATIONS:

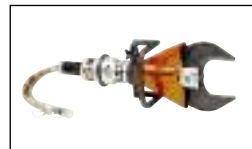
- CU 3022: steel bars, pipes etc.
- CU 3024: cables
- CU 3036: steel strips, sections, etc.



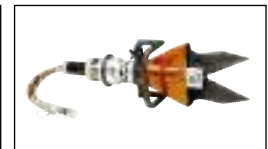
ICU 5 A 70



ICU 10 A 10



ICU 10 A 30



ICU 10 A 40

Hydraulic Cutters Part Number	Model	Working Pressure Bar	Blade Opening mm	Max. Cutting Force kN/t	Weight kg	Dimensions mm
170.012.015	ICU 5 A 70	500	142	176/17.9	8.9	602 x 205 x 168
170.012.001	ICU 10 A 10	500	115	177/18.1	16.9	736 x 230 x 177
170.012.013	ICU 10 A 30	500	144	177/18.1	15.5	700 x 230 x 177
170.012.004	ICU 10 A 40	500	306	263/26.8	15.2	740 x 230 x 177

Mini-Cutter HMC 8 U

Working Pressure 720 bar

FEATURES:

- Spring return
- Compact, lightweight
- Handy in places that are difficult to access
- Cuts reinforcing steel with \varnothing 16 mm
- Cuts steel strips of 35 x 4 mm



Mini-Cutter HMC 8 U

Mini-Cutter Part Number	Model	Max. Cutting Force Tons	Max. Cutting Force kN	Maximum Jaw Opening mm	Blade Width mm	Weight kg	Recommended Pump model	Alternative
100.102.032	HMC 8 U	8	78.5	40	40	3	HTS 550 A	HTW 300 B

Hand Pump - Single-Stage - Single-Acting

Working Pressure 720 bar

Hand Pump		Operating Force Maximum kg	Output per Stroke cm ³		Oil Content cm ³	Weight Incl. Oil Kg
Part Number	Model		1st Stage	2nd Stage		
100.541.022	HTS 550 A	50	3.0	550	6.0	

HTS 550 A



Hand Pump - Two-Stage - Single-Acting

Hand Pump		Operating Force Maximum kg	Output per Stroke cm ³		Max. Pressure 1st Stage Bar	Oil Content cm ³	Weight Incl. Oil Kg
Part Number	Model		1st Stage	2nd Stage			
100.441.003	HTW 300 B	31	5	1.0	30	300	4.0
100.441.013	HTW 700 B	52	11	2.0	30	700	8.0
100.542.003	HTW 2200 A	40	13	2.5	30	2200	13.3

HTW 2200 A



Hand or Foot Pumps - Two-Stage - Single or Double-Acting

Can be made suitable for double-acting tools or jacks by mounting valve model M 321 Part Number. 100.181.321

Pressure gauge adaptor M 306 Part Number. 100.182.306 indicates the pressure of port A or B, depending on the assembly

Pressure gauge adaptor M 307 Part Number. 100.182.307 indicates the pressure of port A or B depending on which is the highest

Foot plate can be ordered separately

Part Number	Hand Pump		Operating Force Maximum kg	Output per Stroke cm ³		Max. Pressure 1st Stage Bar	Oil Content cm ³	Weight Incl. Oil (HTW) Kg*
	HTW = Hand Operation FTW = Foot Operation	Model		1st Stage	2nd Stage			
100.441.005/008	H/FTW	1800 B	36	28	2.3	45	1800	9.3
100.441.002/009	H/FTW	2800 B	36	28	2.3	45	2800	11.5
100.441.004/010	H/FTW	5800 B	36	28	2.3	45	5800	15.0
100.441.006/007	H/FTW	8800 B	36	28	2.3	45	8800	22.5

*type FTW version is 0.2kg heavier than the HTW version

HTW 1800 B



HTW 8800 B



Accessories Hand Pumps

Part Number	Model	Description
100.181.321	M 321	Valve for double-acting pumps HTW 1800 - 2800 - 5800 - 8800
100.582.500	A 500	Universal pressure gauge 0 - 720 bar, housing dia. 100 mm, connection: 1/2" NPT male thread
350.581.108	-	Rubber protection cover rubber cover, suitable for dia. 100 mm pressure gauges
100.181.108	A 108	Pressure gauge adaptor with 1 x 3/8" NPT female thread, 1 x 3/8" NPT male thread and 1/2" NPT female thread for pressure gauge
100.572.102	H 2 SOU	2 m hose with male coupler on one side. Other hose lengths available
100.182.322	SMV 2	single-acting manifold for accurate control of the oil flow flow. Manifolds for use with more jacks or for double-acting systems are available



Pressure gauge A 500



M 306 + A 500



SMV 4 manifold with optional couplers



M 108 + A 500

Compact Electric-Powered Pump - Two-Stage - Single-Acting

Working Pressure 720 bar

FEATURES:

- Compact construction, can be used anywhere
- Lightweight
- Can be used in all positions
- Suitable for single-acting jacks and tools like cable cutters and nut crackers
- Standard with waterproof (IP 54) remote control



EHW 1650 R RC
+ pressure gauge (option 2) + hydraulic hose



Option 3

- Options:
1. Needle valve for controlled return of oil.
 2. Pressure gauge.
 3. Needle valve + pressure gauge can be used simultaneously.

Electric-Powered Pump		Pump Type	Pump Output		Working Pressure	Oil Content	Motor	Remote Control	Max. Power Motor	Weight Incl. Oil
Part Number	Model		1st Stage Unloaded cm3/min	2nd Stage cm3/min	Max. Bar	cm3		kW	Kg	
100.551.001	EHW 1650 RC	2-Stage	2000	250	720	1650	230V	15V	0.35	11.6

Compact Air-Powered Pumps - Single-Stage - Single or Double-Acting

FEATURES:

- Compact construction, can be used anywhere
- Lightweight
- Safe as the oil pressure is maintained if the air pressure drops
- No sparks, suitable for areas with explosion danger
- Low noise level through built-in sound baffle
- Low energy consumption as pump stops when max. pressure has been reached



AHS 1400 FS with compressed air connector

Air-Powered Pump		Suitable for	Working Pressure	Air Pressure	Pump Output		Air Consumption		Oil Content	Weight Incl. Oil
Part Number	Model		Bar	Bar	Unloaded cm3/min	Loaded cm3/min	unloaded L/min	Loaded L/min	cm3	Kg
100.602.001	AHS 1400 FS	Single-Acting Tools	0 - 720	0 - 8.5	960	410	700	580	1400	6.5
100.602.002	AHS 1400 D	Double-Acting Tools	0 - 720	0 - 8.5	960	410	700	580	1400	9.6

Vari-Pumps

Working Pressure 720 bar

FEATURES:

- High operating speed
- Safe: the oil pressure is maintained if the power source fails
- Safe: pressure-controlled non-return valve protects against drop in pressure
- Numerous models available to suit every need and every application



Vari-pumps in use with Stena Line

NUMEROUS MODELS TO SUIT EVERY NEED:

- For single- or double-acting hydraulic tools
- Petrol-powered, air-powered (8 bar), electric- powered (230V-50Hz-1ph or 400V -400V-50Hz-3ph)
- Single-stage, two-stage
- For connection of 1 tool, 2 tools or more tools
- Output levels from 0.6 to 5 litres per minute
- Oil contents from 6 to 50 litres
- Many accessories available: valves, gauges, carrying & protection frames, connecting blocks etc.



Electric-powered vari pump with carrying frame (6 litre tank)



Electric-powered vari pump with protection frame (50 litre tank)

Hydraulic Wedge Jacks

Working Pressure 720 bar

FEATURES:

- Double-acting - hydraulic spreading and returning - for increased versatility
- Compact and lightweight
- Anti-skid profile on wedge blades
- Can be used in all positions
- Versatile as only a 6 mm insertion space is required



The HWJ 25 U wedge jack is designed to spread objects with a minimum insertion space and to lift a load from flat surfaces where there is only a minimum insertion space available

Wedge Jack		Minimum Insertion Space mm	Maximum Opening mm	Oil Content Press/Retract cm3	Weight Kg	Spreading Force		Recommended Pump		Pressure Gauge Model
Part Number	Model					Tons	kN	Model	Alternative	
100.102.021	HWJ 25 U	6	50	328/217	8.1	24	235.4	HTW 1800 B/ M 321	AHS 1400 D	A 500

Toe Jacks

Working Pressure 720 bar

FEATURES:

- Spring return
- Protected against ejection of plunger
- Extendible support legs



Toe Jack		Closed Height mm	Stroke Length mm	Jack Capacity				Weight Kg	Recommended Pump		Pressure Gauge Model
Part Number	Model			On the toe Tons	On the toe kN	On the Top Tons	On the Top kN		Model	Alternative	
100.569.002	HMJ 10 S 15 U	280	150	9	98.0	10.1	99.3	17.2	HTS 550 A	HTW 300 B	A 501
100.112.102	TJ 8 S 13	319	130	8.4	88.3	-	-	6.5	HTW 300 B	AHS 1400 FS	A 501

7.
2

Hydraulic Flange Spreaders

Working Pressure 720 bar

FEATURES:

- Safe: no sparks, no parts flying around
- Compact, lightweight
- Easy to use
- Can also be used as a pair for even spreading of force



Flange spreader		60° Wedge				30° Wedge				Weight		Recommended Pump		Pressure Gauge Model
Part Number	Model	Spreading Capacity		Flange Opening		Spreading Capacity		Flange Opening		Spreader	Incl. case	Model	Alternative	
		Tons	kN	Min	Max	Tons	kN	Min	Max	kg	kg			
100.102.001	FLS 85 NU	3.5	34.3	3	32	7.5	73.5	2	32	4.5	6.3	HTS 550 A	HTW 300 B	A 500
100.102.011	FLS 170 NU	3.5	34.3	3	32	7.5	73.5	2	32	8.0	9.5	HTS 550 A	HTW 300 B	A 500

Pulling Jacks - Spring Return or Double-Acting

Working Pressure 720 bar



Accessories Pull Jacks

Capacity	Pulling Eye (2 needed)	Clevis Eye (2 needed)	Protection Spring
11	100.181.051	100.181.056	100.581.160
30	100.181.051	100.181.057	100.581.160
60	100.181.052	-	100.581.161
100	100.181.053	-	100.581.162

Part Number	Jack S = Spring Return H = Hydraulic Return Model	Capacity Push/Pull		Stroke Length without/with Protection Spring mm	Capacity		Effective Pressure cm3	Oil Content Area cm3	Weight Kg	Recommended Pump		Pressure Gauge Model
		Tons			Tons	kN				Model	Alternative	
HPJ 11 S 15	100.131.001	150 / 120		11.5/-	113/-	15.7/-	236/-	11.5	HTW 300 B	HTS 550 A	A510	
HPJ 30 S 15	100.131.011	30 - 60		150 / 120	30.5/-	298.7/-	41.5/-	623/-	26.0	HTW 1800 B	EHW 1650 RC	A510
HPJ 60 S 15	100.131.021	60 - 100		150 / 120	62.2/-	610.4/-	84.8/-	1272/-	45.0	HTW 1800 B	EHW 1650 RC	A510
HPJ 100 S 15	100.131.031	100 - 130		150 / 120	97.3/ 129.7	953.7/ 1271.9	132.5/ 176.7	1988/ 265175.0		HTW 1800 B/ M321	Vari Pump	A510

Hydraulic Cable Cutters

Working Pressure 720 bar

FEATURES:

- Very safe compared to grinding
- Compact, lightweight
- Fast and reliable
- Can be used in all positions
- Hardened blade can be resharpened



Part Number	Cable Cutter for Steel Cables Model	Capacity		Max. Jaw Opening 0 mm	Capacity Steel Cable 0 mm	Capacity Solid Cable 0 mm	Capacity Ground 0 mm	Weight kg	Recommended Pump	
		Tons	kN						Model	Alternative
100.522.016	HWC 16 U	5.5	54.3	20	16	13	20	2.3	HTS 550 A	HTW 300 B
100.522.020	HWC 20 U	15.6	152.9	50	20	19	50	8.5	HTS 550 A	HTW 300 B
100.522.032	HWC 32 U	26.6	261.5	32	32	25	32	7.5	HTS 550 A	HTW 300 B

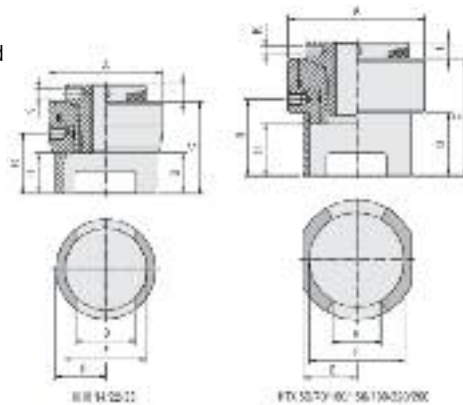
Part Number	Cable Cutter for Electric and Telephone Cables Model	Capacity		Max. Jaw Opening 0 mm	Capacity Ground Cable 0 mm	Capacity Telephone Cable 0 mm	Weight kg	Recommended Pump	
		Tons	kN					Model	Alternative
100.522.085	HCC 85 U	5.2	50.9	85	50	85	6.2	HTS 550 A	HTW 300 B
100.522.100	HCC 100 U	9.2	90.5	100	75	100	12.5	HTS 550 A	HTW 300 B
100.522.150	HCC 150 U	20.8	203.6	150	140	150	24.9	HTS 1800 B + M 321	Vari Pump

Stud Tension Jacks

Working Pressure 1000 bar

FEATURES:

- Compact, lightweight
- Can be used in all positions
- Components made of premium grade and refined chrome nickel steel types
- With auto-locking quick coupler



For more information or for customer or customer-specific solutions, please contact your local Pirtek Centre.

Jack		A	B	C	D	E	F	Dimensions				Effective Pressure Area	Oil Content (Max.)
Part Number	Model	mm	mm	mm	mm	mm	mm	G	H	I	K	cm ³	cm ³
110.011.101	HHX 14	70	36	85	28	28.0	47	58.0	28	15	6	14.0	11.2
110.011.002	HHX 22	90	47	80	30	38.0	60	53.0	30	15	8	22.1	17.7
110.011.112	HHX 35	100	52	80	35	43.5	72	52.5	35	15	8	35.2	28.2
110.011.121	HTX 50	119	60	102	55	48.0	83	67.0	45	15	8	50.1	60.2
110.011.131	HTX 70	139	56	107	60	55.5	94	72.0	50	20	10	70.2	84.2
110.011.141	HTX 100	166	65	120	70	62.5	112	82.0	60	20	10	99.9	120.0
110.011.151	HTX 150	203	79	139	85	77.0	136	98.0	75	25	12	150.0	180.0
110.011.161	HTX 180	220	85	150	90	87.0	148	103.0	80	25	12	180.3	216.0
110.011.171	HTX 220	248	92	165	95	93.0	156	110.0	85	30	12	217.4	261.0
110.011.181	HTX 260	270	99	195	115	114.0	170	128.0	105	35	16	260.1	312.0

Propeller Set

Working Pressure 2000 bar

FEATURES:

- Compact, lightweight
- Fits any desired shaft diameter
- Jacks are fitted with 2 female couplers, Y 218



HY 100 G 1 U



Propeller Set Jacks

Part Number	Model	Pressure Area cm ³	Content cm ³	kg
120.012.001	HY 100 G 1 U	50.27	51	6.0
120.012.011	HY 100 G 3.5 U	50.27	176	8.1

Mechanical Jacks

FEATURES:

- Safe, self-locking
- Can be used in all positions
- Robust
- Resistant to heavy duty working conditions of long duration
- For use in areas where welding is being done
- Suitable for underwater use
- Practically maintenance free



JJ 1513



JJ 5013

Part Number	Mechanical Jack		Capacity		Closed Height mm	Stroke Length mm	Base Ø mm	Handle Bar kg	Weight
	Model		Tons	kN					
200.401.001	JJ 1015		10	98.1	280	150	108	25 X 600	12
200.401.011	JJ 1513		15	147.2	255	125	113	25 X 710	12
200.401.021	JJ 2513		25	245.3	255	125	127	25 X 900	16
200.401.031	JJ 3513		35	343.4	280	130	147	30 X 1000	24
200.401.041	JJ 5013		50	490.5	290	130	166	30 X 1200	31
200.401.051	JJ 10011		100	981.0	310	105	235	30 X 1500	72

Mechanical Pulling Jack

FEATURES:

- Safe, self-locking
- Can be used in all positions
- Robust
- Resistant to heavy duty working conditions of long duration
- For use in areas where welding is being done
- Suitable for underwater use
- Practically maintenance free



PL 2510



Part Number	Mechanical Pulling Jack		Capacity		Length, Retracted Plunger mm	Stroke Length mm	Handle Bar Diam. x Length mm	Weight kg
	Model		Tons	kN				
200.421.001	PL 2510		25	245.3	775	100	25 X 700	32

Ship Wedges

FEATURES:

- Releases with one blow under full load
- Robust
- Resistant to heavy duty working conditions of long duration
- For use in areas where welding is being done
- Maintenance free



Part Number	Ship Wedges		Static Load Capacity		Max. Height mm	Min. Height mm	Dimensions mm	Weight kg
	Model		Tons	kN				
500.501.050	W 50		50	490.5	225	185	245 X 260	28
500.501.080	W 80		80	784.8	340	270	315 X 345	58

Working Pressure 720 bar



Part Number	Model	Capacity Tons	Closed Height mm	Stroke mm	Oil Content* cm3	Return + Remark	Weight kg
100.111.001	HFJ 5 G 1.5	5	46	15	6.6	Gravity	1.1
100.112.003	HTJ 5 S 7.5	5	157	75	50	Spring	1.5
100.112.004	HTJ 5 S 12	5	202	120	80	Spring	1.7
100.111.005	HFJ 10/30 G 4	10	49	41/20	118	Gravity + Telescopic	4.5
100.111.011	HFJ 10 G 1.5	10	52	15	13.8	Gravity	1.9
100.112.007	HJ 10 S 2.5	10	107	25	35	Spring	2.2
100.112.012	HJ 10 G 5	10	110	50	69	Gravity	2.4
100.112.020	HTJ 10 S 5	10	135	50	69	Spring	2.6
100.112.015	HTJ 10 S 10	10	185	100	138	Spring	3.6
100.112.062	HGJ 10 S 6	10	202	60	83	Spring	3.5
100.112.022	HTJ 10 S 15 C	10	255	150	207	Spring	4.7
100.082.003	HJ 10 G 15 SN	10	270	150	210	Gravity + Lock Nut	5.9
100.112.063	H CJ 10 S 15	10	292	150	207	Spring	5.1
100.112.097	HTJ 10 S 20	10	305	200	276	Spring	5.7
100.122.066	H CJ 10 H 15	10	310	150	207/102	Hydraulic	6.1
100.112.064	H CJ 10 S 25	10	398	250	345	Spring	7.2
100.111.031	HFJ 20 G 1.5	20	54	15	28.3	Gravity	3.0
100.112.032	HJ 20 G 5	20	102	50	141	Gravity	3.8
100.112.103	HJ 20/50 G 11	20	140	111/55	554	Gravity + Telescopic	12.5
100.112.008	HJ 25 S 2.5	25	116	25	83	Spring	4.4
100.112.098	HTJ 25 S 5	25	137	50	166	Spring	5.2
100.112.042	HTJ 25 S 10	25	187	100	332	Spring	6.8
100.112.026	HTJ 25 S 15 C	25	237	150	498	Spring	8.5
100.182.002	HJ 25 G 15 SN	25	283	150	498	Gravity + Lock Nut	14.0
100.112.065	HGJ 25 S 15	25	323	150	498	Spring	10.5
100.122.067	H CJ 25 H 15	25	335	150	498/260	Hydraulic	12.7
100.112.027	HTJ 25 S 25	25	360	250	830	Spring	12.7
100.112.028	HTJ 25 S 35	25	460	350	1162	Spring	17.5
100.122.068	H CJ 25 H 25	25	475	250	829/432	Hydraulic	18.2
100.111.051	HFJ 30 G 0.5	30	33	5	22	Gravity	3.4
100.111.052	HFJ 30 G 1.5	30	48	15	66	Gravity	4.7
100.112.054	HJ 30 G 6	30	120	60	265	Gravity	6.0
100.111.071	HFJ 50 G 0.5	50	45	5	34	Gravity	7.2
100.112.009	HJ 50 S 2.5	50	134	25	177	Spring	12.3
100.112.073	HJ 50 G 6	50	142	60	425	Gravity	12.5
100.112.060	HLJ 50 A 6	50	150	61	432	Air + Aluminium	7.0
100.112.072	HJ 50 S 5	50	152	50	354	Spring	14.0
100.112.059	HLJ 50 A 10	50	196	104	737	Air + Aluminium	9.0
100.112.077	HJ 50 S 10	50	206	100	709	Spring	17.4
100.112.074	HJ 50 S 15	50	257	150	1064	Spring	22.0
100.112.035	HJ 50 G 15	50	282	150	1064	Gravity	27.0
100.122.002	HJ 50 H 15	50	282	150	1064/309	Hydraulic	27.0
100.182.001	HJ 50 G 15 SN	50	307	150	1065	Gravity + Lock Nut	34.0
100.112.076	HJ 50 S 25	50	363	250	1773	Spring	30.0
100.112.036	HJ 50 G 30	50	463	300	2127	Gravity	39.5
100.122.022	HJ 50 H 30	50	463	300	2127/620	Hydraulic	44.0
100.112.037	HJ 75 G 15	75	347	150	1559	Gravity	48.0
100.122.003	HJ 75 H 15	75	347	150	1559/755	Hydraulic	48.0
100.112.038	HJ 75 G 30	75	497	300	3117	Gravity	66.0
100.122.004	HJ 75 H 30	75	497	300	3117/1509	Hydraulic	66.0

Closed heights listed above are based on jacks with standard saddles. Tilting saddles available upon request. * = press / retract

Hydraulic Jacks

Working Pressure 720 bar

FEATURES:

- Can be used in all positions for increased versatility
- Compact and lightweight
- Hardened saddle prevents damage of plunger and is interchangeable for increased versatility (e.g. for tilting saddle) (1)
- Built-in dirt scraper to protect hydraulic system (2)
- Steel housing with special finishing for increased safety, durability and life span (3)
- Many return systems, saddles and accessories available to suit every need



Selection List Holmatro® Jacks

Part Number	Model	Capacity Tons	Closed Height mm	Stroke mm	Oil Content* cm3	Return + Remark	Weight kg
100.111.091	HFJ 100 G 0.5	100	64	5	72	Gravity	15.5
100.111.092	HFJ 100 G 1.5	100	74	15	215	Gravity	15.5
100.112.093	HJ 100 G 6	100	158	60	860	Gravity	15.5
100.112.094	HJ 100 S 5	100	162	50	715	Spring	15.5
100.112.096	HJ 100 S 10	100	226	100	1430	Spring	15.5
100.112.039	HJ 100 G 15	100	309	150	2145	Gravity	15.5
100.122.052	HJ 100 H 15	100	309	150	2145/848	Hydraulic	15.5
100.112.095	HJ 100 S 15	100	312	150	2145	Spring	15.5
100.082.000	HJ 100 G 15 SN	100	323	150	2150	Gravity + Lock Nut	15.5
100.112.040	HJ 100 G 30	100	497	300	4290	Gravity	15.5
100.122.054	HJ 100 H 30	100	497	300	4290/1695	Hydraulic	15.5
100.111.111	HFJ 150 G 1.5	150	80	15	321	Gravity	28.0
100.112.046	HJ 150 G 15	150	317	150	3207	Gravity	74.6
100.122.061	HJ 150 H 15	150	317	150	3207/1650	Hydraulic	76.0
100.112.047	HJ 150 G 30	150	502	300	6414	Gravity	125.3
100.122.062	HJ 150 H 30	150	502	300	6414/3300	Hydraulic	128.0
100.112.048	HJ 200 G 15	200	327	150	4253	Gravity	120.0
100.122.071	HJ 200 H 15	200	327	150	4253/1238	Hydraulic	121.0
100.112.049	HJ 200 G 30	200	507	300	8505	Gravity	184.0
100.122.072	HJ 200 H 30	200	507	300	8505/2475	Hydraulic	186.0
100.112.050	HJ 300 G 15	300	377	150	6225	Gravity	238.0
100.122.081	HJ 300 H 15	300	377	150	6225/1965	Hydraulic	240.0
100.112.099	HJ 300 G 30	300	542	300	12450	Gravity	257.0
100.122.082	HJ 300 H 30	300	542	300	12450/3930	Hydraulic	360.0
100.112.100	HJ 400 G 15	400	402	150	7950	Gravity	322.0
100.122.091	HJ 400 H 15	400	402	150	7950/3238	Hydraulic	325.0
100.112.056	HJ 400 G 30	400	552	300	15900	Gravity	408.0
100.122.092	HJ 400 H 30	400	552	300	15900/6476	Hydraulic	413.0
100.112.057	HJ 500 G 15	500	442	150	10605	Gravity	386.0
100.122.101	HJ 500 H 15	500	442	150	10605/5400	Hydraulic	390.0
100.112.058	HJ 500 G 30	500	587	300	21210	Gravity	511.0
100.122.102	HJ 500 H 30	500	587	300	21210/10800	Hydraulic	520.0

Closed heights listed above are based on jacks with standard saddles. Tilting saddles available upon request.

Selection List Holmatro® Hollow Plunger Jacks

Part Number	Model	Capacity Tons	O Hole in Plung mm	Closed Height mm	Stroke mm	Oil Content* cm3	Return	Weight kg
100.111.002	HHJ 5 S 2.5	5	17	87	25	19	Spring	1.9
100.111.021	HHJ 12 S 5	12	21	156	50	88	Spring	7.8
100.111.029	HHJ 12 S 15	12	21	298	150	264	Spring	11.0
100.112.023	HHJ 17 S 5	17	27	214	50	118	Spring	7.3
100.112.033	HHJ 20 S 5	20	27	182	50	118	Spring	8.6
100.112.030	HHJ 20 S 15	20	27	389	150	467	Spring	18.0
100.111.053	HHJ 30 G 5	30	33	120	50	204	Gravity	10.0
100.112.055	HHJ 30 S 7.5	30	33	226	75	306	Spring	15.0
100.112.034	HHJ 30 S 15	30	33	362	150	612	Spring	25.0
100.112.061	HHJ 45 S 15	45	39	388	150	945	Spring	35.5
100.112.081	HHJ 60 S 7.5	60	45	272	75	636	Spring	34.5
100.122.031	HHJ 60 H 20	60	45	334	200	1696/1256	Hydraulic	40.0
100.122.051	HHJ 100 H 10	100	54	265	100	1415/982	Hydraulic	53.0
100.122.053	HHJ 100 H 20	100	54	395	200	2830/1964	Hydraulic	78.0
100.112.101	HHJ 110 S 7.5	110	80**	315	75	1155	Spring	78.5

Working Pressure 8 bar

FEATURES:

- Works with air or water
- Reinforced with 3 layers of aramid fibre
- Compact, lightweight
- Unique lowered insertion edges, easy to position under all conditions
- 'Autolock' coupler system, fast connection with automatic double locking
- Interchangeable with existing systems
- Centre cross on both sides, easy to position
- Chemical and ozone resistant
(specifications available on request)
- HLB 40 and HLB 67 with carrying strap
- Revolutionary non-skid design



Lifting Bag		Max. Effective Lifting Capacity* Tons	Max. Effective Lifting Capacity* kN	Max. Stroke mm	Dimensions mm	Weight kg	Thickness Incl. Profile mm	Air Content Litres	Water Content Litres
Part Number	Model								
350.321.201	HLB 1	1.0	10	76.0	135 X 135	0.5	22	1.8	0.2
350.321.203	HLB 3	3.5	34	136.0	228 X 228	1.5	22	15.3	1.7
350.321.205	HLB 5	4.6	45	150.0	260 X 260	1.7	22	24.3	2.7
350.321.211	HLB 11	11.0	108	220.0	381 X 381	3.8	25	80.1	8.9
350.321.218	HLB 18	18.4	180	250.0	360 X 660	6.8	25	170.1	18.9
350.321.220	HLB 20	20.1	197	290.0	511 X 511	6.7	25	207.0	23.0
350.321.224	HLB 24	24.5	240	217.0	319 X 1000	9.5	25	214.2	23.8
350.321.229	HLB 29	30.6	300	348.0	611 X 611	9.8	25	373.5	41.5
350.321.240	HLB 40	40.0	392	405.0	714 X 714	15.1	25	567.0	63.0
350.321.267	HLB 67	68.4	670	521.0	917 X 917	23.5	25	1224.0	136.0

* The maximum lifting capacity is reached at minimum inflation height

Accessories Pneumatic Lifting Bags		Description
Part Number	Model	
		1 Air hoses in three colours and two lengths:
		Colour Length
350.572.006	AH 5 YU	Yellow 5 Metres
350.572.009	AH 10 YU	Yellow 10 Metres
350.572.007	AH 5 BU	Blue 5 Metres
350.572.011	AH 10 BU	Blue 10 Metres
350.572.008	AH 5 RU	Red 5 Metres
350.572.012	AH 10 RU	Red 10 Metres
350.582.035	-	2 Shut-off hose with pressure relief valve, set at 8.5 bar
350.582.034	DCV 10 U	3 Double control unit (buttons), complete with pressure relief valves, set at 8.5 bar
350.582.042	SCV 10 U	4 Single control unit (buttons), complete with pressure relief valve, set at 8.5 bar
350.582.037	HDC 10 U	5 Synthetic control box for operation of two lifting bags (joysticks), complete with pressure relief valves, set at 8.5 bar
350.511.155	-	- Male coupler as mounted on the lifting bags

