

# HIGH PRESSURE HYDRAULIC EQUIPMENT

PRODUCT OVERVIEW



## SM

SINGLE ACTING SPRING RETURN CYLINDERS



Capacity Tn (kN)	Stroke mm	Model LARZEP	A mm
5 (49)	25	SM00502	110
	76	SM00508	168
	127	SM00513	219
	180	SM00518	276
	232	SM00523	328
10 (109)	25	SM01002	90
	54	SM01005	121
	105	SM01010	172
	155	SM01015	247
	205	SM01020	301
	257	SM01025	352
	307	SM01030	402
355	SM01035	454	
15 (163)	25	SM01502	127
	54	SM01505	155
	105	SM01510	205
	155	SM01515	275
	205	SM01520	327
	257	SM01525	379
	307	SM01530	426
	355	SM01535	477
23 (228)	25	SM02302	140
	51	SM02305	166
	102	SM02310	217
	159	SM02315	277
	210	SM02321	327
	261	SM02326	379
	310	SM02331	430
	362	SM02336	480
	60	SM03006	165
30 (303)	150	SM03015	270
	210	SM03021	340
	60	SM05006	176
	102	SM05010	227
	160	SM05016	285
50 (487)	200	SM05020	325
	250	SM05025	376
	339	SM05034	465
	160	SM07516	285
75 (713)	330	SM07533	495
	60	SM10006	180
100 (911)	150	SM10015	300
	260	SM10026	449
	60	SM14006	190
140 (1.380)	150	SM14015	320
	260	SM14026	470
	220 (2.156)	150	SM22015

## SAM

ALUMINIUM SINGLE ACTING CYLINDERS, SOLID PISTON



Capacity Tn (kN)	Stroke mm	Model LARZEP	A mm
23 (228)	50	SAM02305	156
	100	SAM02310	206
	150	SAM02315	256
	200	SAM02320	306
	250	SAM02325	356
	300	SAM02330	406
30 (303)	50	SAM03005	172
	100	SAM03010	222
	150	SAM03015	272
	200	SAM03020	322
	250	SAM03025	372
	300	SAM03030	422
50 (487)	50	SAM05005	180
	100	SAM05010	230
	150	SAM05015	280
	200	SAM05020	330
	250	SAM05025	380
	300	SAM05030	430
100 (911)	50	SAM10005	210
	100	SAM10010	260
	150	SAM10015	310
	200	SAM10020	360
	250	SAM10025	410
	300	SAM10030	460
140 (1.380)	50	SAM14005	225
	100	SAM14010	275
	150	SAM14015	325
	200	SAM14020	375
	250	SAM14025	425
	50	SAM20005	234
200 (1.947)	100	SAM20010	284
	150	SAM20015	334



ACCESSORIES FOR SM AND D MODELS

## SH

SINGLE ACTING HOLLOW PISTON CYLINDERS, SPRING RETURN



Capacity Tn (kN)	Stroke mm	Model LARZEP	A mm
12 (121)	40	SH01204	124
	76	SH01208	176
	150	SH01215	300
22 (217)	50	SH02205	165
	76	SH02208	203
	150	SH02215	318
30 (302)	64	SH03006	197
	150	SH03015	322
60 (578)	76	SH06008	223
	153	SH06015	315
100 (1.018)	80	SH10008	282
	150	SH10015	367

## SAH

ALUMINIUM SINGLE ACTING CYLINDERS, HOLLOW PISTON, SPRING RETURN



Capacity Tn (kN)	Stroke mm	Model LARZEP	A mm
22 (217)	50	SAH02205	183
	100	SAH02210	253
	150	SAH02215	323
30 (302)	50	SAH03005	210
	100	SAH03010	278
	150	SAH03015	350
60 (578)	50	SAH06005	243
	100	SAH06010	298
	150	SAH06015	363
100 (1.018)	50	SAH10005	260
	100	SAH10010	327
	150	SAH10015	397

'A' refers to the Closed Height in all cylinders.

## SP-SMP

SINGLE ACTING LOW HEIGHT CYLINDERS,  
LOAD OR SPRING RETURN



Capacity		Stroke mm	Model		A mm
Tn	kN		LARZEP	LARZEP	
10	109	40	SP01004	SMP01004	89
20	214	40	SP02004	SMP02004	101
30	303	60	SP03006	SMP03006	125
50	486	60	SP05006	SMP05006	125
100	911	60	SP10006	SMP10006	141
		150	SP10015	SMP10015	254

SP: Load return  
SMP: Spring return

## STX

SINGLE ACTING PANCAKE CYLINDERS,  
LOCK NUT, TILTING SADDLE



Capacity		Stroke mm	Model		A mm
Tn	kN		LARZEP	LARZEP	
50	496	50	STX05004		125
100	929	45	STX10004		137
150	1.407	45	STX15004		148
230	2.199	45	STX23004		155
300	3.036	45	STX30004		173
400	4.008	45	STX40004		180
500	5.114	45	STX50004		195

## SX-SMX

SINGLE ACTING LOW PROFILE CYLINDERS,  
LOAD OR SPRING RETURN



Capacity		Stroke mm	Model		A mm
Tn	kN		LARZEP	LARZEP	
4	44	6	SX00406	SMX00406	33
		16	SX00416	SMX00416	43
10	100	11	SX01011	SMX01011	43
22	228	11	SX02211	SMX02211	52
30	287	13	SX03013	SMX03013	59
50	487	16	SX05016	SMX05016	68
75	713	16	SX07516	SMX07516	79
100	954	16	SX10016	SMX10016	87
150	1.450	16	SX15016	SMX15016	100

SX: Load return / SMX: Spring return  
'A' refers to the Closed Height in all cylinders.

## SLX

LOW HEIGHT SINGLE ACTING  
TELESCOPIC CYLINDERS



Capacity		Stages No.	Stroke mm	Model	
Tn	kN			LARZEP	LARZEP
4	43	2	17	SLX00417	45
		3	23	SLX00423	54
10	111	2	18	SLX01118	55
		3	40	SLX01140	89
23	232	2	27	SLX02327	75
		3	32	SLX02332	96
30	309	2	29	SLX03129	89
50	496	2	26	SLX05026	96
75	727	2	26	SLX07526	114

# STC

SINGLE ACTING LOCK NUT CYLINDERS, LOAD RETURN



Capacity	Stroke	Model	A
Tn (kN)	mm	LARZEP	mm
30 (303)	50	STC03005	141
	100	STC03010	191
	150	STC03015	246
	200	STC03020	296
	250	STC03025	355
	300	STC03030	405
51 (496)	50	STC05005	153
	100	STC05010	203
	150	STC05015	261
	200	STC05020	311
	250	STC05025	366
	300	STC05030	416
95 (929)	50	STC10005	180
	100	STC10010	230
	150	STC10015	285
	200	STC10020	335
	250	STC10025	391
	300	STC10030	441
144 (1.407)	50	STC14005	195
	100	STC14010	245
	150	STC14015	309
	200	STC14020	359
	250	STC14025	415
	300	STC14030	465
224 (2.199)	150	STC22015	328
310 (3.036)	300	STC22030	488
	150	STC30015	351
	300	STC30030	511
409 (4.008)	150	STC40015	370
	300	STC40030	530
522 (5.114)	150	STC50015	395
	300	STC50030	555
611 (5.987)	50	STC60005	311
	150	STC60015	421
	300	STC60030	581
831 (8.149)	50	STC80005	348
	150	STC80015	458
	300	STC80030	618
1.085 (10.644)	50	STC100005	392
	150	STC100015	502
	300	STC100030	673

# SAT

ALUMINIUM SINGLE ACTING CYLINDERS, LOCK NUT, LOAD RETURN



Capacity	Stroke	Model	A
Tn (kN)	mm	LARZEP	mm
30 (303)	50	SAT03005	173
	100	SAT03010	223
	150	SAT03015	273
	200	SAT03020	333
	250	SAT03025	383
	300	SAT03030	433
	50 (487)	50	SAT05005
100		SAT05010	243
150		SAT05015	293
200		SAT05020	353
250		SAT05025	403
300		SAT05030	453
100 (911)		50	SAT10005
	100	SAT10010	266
	150	SAT10015	326
	200	SAT10020	376
	250	SAT10025	446
	300	SAT10030	496
	140 (1.380)	50	SAT14005
100		SAT14010	284
150		SAT14015	345
200		SAT14020	395
250		SAT14025	465
300		SAT14030	515
200 (1.946)		50	SAT20005
	100	SAT20010	299
	150	SAT20015	364
	200	SAT20020	414
	250	SAT20025	479
300	SAT20030	529	

# SL

SINGLE ACTING TELESCOPIC CYLINDERS



Capacity		Stages	Stroke	Model	A
Tn	kN	No.	mm	LARZEP	mm
15	135	2	270	SL01427	283
	163	3	435	SL01643	345
20	194	2	300	SL02030	317
	194	3	500	SL02050	395
30	303	2	300	SL03130	352
	303	3	600	SL03160	476



Available as special double acting and aluminium versions



# SPC

**SINGLE ACTING  
HIGH TONNAGE CYLINDERS,  
STOP RING, LOAD RETURN**



Capacity	Stroke	Model	A
Tn (kN)	mm	LARZEP	mm
51 (496)	150	SPC05015	306
	300	SPC05030	461
95 (929)	150	SPC10015	296
	300	SPC10030	451
144 (1.407)	50	SPC14005	213
	150	SPC14015	318
	300	SPC14030	478
224 (2.199)	50	SPC22005	233
	150	SPC22015	333
	300	SPC22030	498
310 (3.036)	50	SPC30005	251
	150	SPC30015	357
	300	SPC30030	512
409 (4.008)	50	SPC40005	275
	150	SPC40015	382
	300	SPC40030	538
522 (5.114)	50	SPC50005	305
	150	SPC50015	410
	300	SPC50030	566
611 (5.987)	50	SPC60005	315
	150	SPC60015	420
	300	SPC60030	576
831 (8.149)	50	SPC80005	335
	150	SPC80015	446
	300	SPC80030	606
1.085 (10.644)	50	SPC100005	365
	150	SPC100015	476
	300	SPC100030	636

# SSC

**SINGLE ACTING  
HIGH TONNAGE CYLINDERS,  
LOAD RETURN**



Capacity	Stroke	Model	A
Tn (kN)	mm	LARZEP	mm
144 (1.407)	50	SSC14005	160
	150	SSC14015	274
	300	SSC14030	430
224 (2.199)	50	SSC22005	180
	150	SSC22015	291
	300	SSC22030	451
310 (3.036)	50	SSC30005	193
	150	SSC30015	309
	300	SSC30030	469
409 (4.008)	50	SSC40005	215
	150	SSC40015	325
	300	SSC40030	485
522 (5.114)	50	SSC50005	230
	150	SSC50015	340
	300	SSC50030	500
611 (5.987)	50	SSC60005	236
	150	SSC60015	346
	300	SSC60030	506
831 (8.149)	50	SSC80005	263
	150	SSC80015	373
	300	SSC80030	533
1.085 (10.644)	50	SSC100005	292
	150	SSC100015	402
	300	SSC100030	573

# T-TE-TD

**PULL CYLINDERS**



Capacity	Stroke	Model	A	Type
Tn	kN	LARZEP	mm	S/D
5	54	140 T00514/5G	306	S
		140 T00514/10G	306	S
10	93	140 T01015	308	S
		150* TE01015	559*	S
		150* TD01015	559*	D
30	302	150* TE03015	723*	S
		150* TD03015	723*	D
50	483	150* TE05015	757*	S
		150* TD05015	757*	D

\* Models equipped with metallic protection have a 30 mm shorter stroke.  
S: Single acting / D: Double acting

'A' refers to the Closed Height in all cylinders.

**D**

**DOUBLE ACTING CYLINDERS**



Capacity Tn	Stroke mm	Model LARZEP	Capacity		A mm
			Push (kN)	Pull (kN)	
10	160	D01016	109	20	310
	250	D01025	109	20	400
	320	D01032	109	20	470
20	160	D02016	214	53	320
	250	D02025	214	53	410
	320	D02032	214	53	480
30	160	D03016	303	68	335
	320	D03032	303	68	495
50	160	D05016	486	72	335
	320	D05032	486	72	510
75	160	D07516	712	140	338
	320	D07532	712	140	512
100	160	D10016	911	189	339
	320	D10032	911	189	509
150	50	D15005	1.380	370	258
	150	D15015	1.380	370	378
	300	D15030	1.380	370	528
200	50	D20005	2.156	560	274
	150	D20015	2.156	560	394
	300	D20030	2.156	560	544
350	50	D35005	3.368	1.014	299
	150	D35015	3.368	1.014	419
	300	D35030	3.368	1.014	569
550	50	D55005	5.519	1.714	383
	150	D55015	5.519	1.714	518
	300	D55030	5.519	1.714	668

See accessories for SM and D models on page 2.

**ACCESSORIES**



DM: Metric threads

**DH**

**DOUBLE ACTING HOLLOW PISTON CYLINDERS**



Capacity Tn	Stroke mm	Model LARZEP	Capacity		A mm
			Push (kN)	Pull (kN)	
30	150	DH03015	302	173	300
	250	DH03025	302	173	400
60	80	DH06008	578	356	249
	150	DH06015	578	356	319
100	250	DH06025	578	356	419
	38	DH10004	1.018	647	197
	76	DH10008	1.018	647	255
150	150	DH10015	1.018	647	335
	250	DH10025	1.018	647	465
150	200	DH15020	1.407	566	375

**DM**

**DOUBLE ACTING PRODUCTION CYLINDERS**



Capacity Tn	Stroke mm	Model LARZEP	Capacity		A mm
			Push (kN)	Pull (kN)	
4	28	DM00403	34	12	186
	79	DM00408	34	12	237
	155	DM00416	34	12	313
8	28	DM00803	86	44	223
	79	DM00808	86	44	274
	155	DM00816	86	44	350
15	257	DM00826	86	44	452
	159	DM01516	139	73	389
23	260	DM01526	139	73	490
	159	DM02316	228	93	425
260	DM02326	228	93	526	

## DDC

### DOUBLE ACTING HIGH TONNAGE CYLINDERS



Capacity	Stroke	Model	A
Tn (kN)	mm	LARZEP	mm
51 (496)	50	DDC05005	206
	150	DDC05015	306
	300	DDC05030	461
95 (929)	50	DDC10005	196
	150	DDC10015	296
	300	DDC10030	451
144 (1.407)	50	DDC14005	213
	150	DDC14015	318
	300	DDC14030	478
224 (2.199)	50	DDC22005	233
	150	DDC22015	336
	300	DDC22030	498
310 (3.036)	50	DDC30005	251
	150	DDC30015	357
	300	DDC30030	512
409 (4.008)	50	DDC40005	275
	150	DDC40015	382
	300	DDC40030	538
522 (5.114)	50	DDC50005	305
	150	DDC50015	410
	300	DDC50030	566
611 (5.987)	50	DDC60005	315
	150	DDC60015	420
	300	DDC60030	576
831 (8.149)	50	DDC80005	335
	150	DDC80015	446
	300	DDC80030	606
1.085 (10.644)	50	DDC100005	365
	150	DDC100015	476
	300	DDC100030	636

## DDA

### ALUMINIUM DOUBLE ACTING CYLINDERS



Capacity	Stroke	Model	A
Tn (kN)	mm	LARZEP	mm
50 (486)	50	DDA05005	198
	100	DDA05010	248
	150	DDA05015	298
	200	DDA05020	348
	250	DDA05025	398
	300	DDA05030	448
75 (713)	50	DDA07505	215
	100	DDA07510	265
	150	DDA07515	315
	200	DDA07520	365
	250	DDA07525	415
	300	DDA07530	465
100 (911)	50	DDA10005	230
	100	DDA10010	280
	150	DDA10015	330
	200	DDA10020	380
	250	DDA10025	430
	300	DDA10030	480
140 (1.380)	50	DDA14005	255
	100	DDA14010	305
	150	DDA14015	355
	200	DDA14020	405
	250	DDA14025	455
	300	DDA14030	505
200 (1.946)	50	DDA20005	259
	100	DDA20010	309
	150	DDA20015	359
	200	DDA20020	409
	250	DDA20025	459
	300	DDA20030	509

## DAH

### ALUMINIUM DOUBLE ACTING HOLLOW PISTON CYLINDERS



Capacity	Stroke	Model	A
Tn (kN)	mm	LARZEP	mm
30 (302)	50	DAH03005	217
	100	DAH03010	267
	150	DAH03015	317
	200	DAH03020	367
	250	DAH03025	417
60 (578)	50	DAH06005	225
	100	DAH06010	275
	150	DAH06015	325
	200	DAH06020	375
	250	DAH06025	425
100 (1.019)	50	DAH10005	256
	100	DAH10010	306
	150	DAH10015	356
	200	DAH10020	406
	250	DAH10025	456
150 (1.408)	50	DAH15005	261
	100	DAH15010	311
	150	DAH15015	361
	200	DAH15020	411
	250	DAH15025	461



Special Cylinders Available upon request:

Up to 2.000 ton lifting capacity  
Ceramic Coating  
Stainless Steel  
Double acting locknut  
Double acting telescopic

Visit our Website or contact our Internal Sales Department

'A' refers to the Closed Height in all cylinders.

**CYLINDER – PUMP SETS**



All sets include:  
Two metres hose (AP2020)  
Male coupler (AZ3120)  
Pressure gauge (AV10007)  
Gauge adaptor (AZ1502)



**SINGLE ACTING, SPRING RETURN CYLINDER**

Capacity		Stroke	Closed Height	Cylinder	Hand Pump 1 stage	Hand Pump 1 stage	Hand Pump 2 stage	Hand Pump 2 stage	Hand Pump 2 stage	Air	Hydraulic Pump
Tn	kN	mm	mm	LARZEP	W00307	W10607	W20807	W21807	W22607	Z12107	
5	49	76	168	SM00508	JM00508						JM200508
		127	219	SM00513	JM00513						JM200513
10	109	54	121	SM01005	JM01005						JM201005
		155	247	SM01015		JM01015					JM201015
		257	352	SM01025			JM01025				JM201025
15	163	105	205	SM01510		JM01510					JM201510
		155	275	SM01515			JM01515				JM201515
23	228	51	166	SM02305		JM02305					JM202305
		102	217	SM02310		JM02310					JM202310
		159	277	SM02315			JM02315				JM202315
		261	379	SM02326				JM02326			JM202326
		362	480	SM02336					JM02336		JM202336
30	303	210	340	SM03021					JM03021	JM203021	
50	487	160	285	SM05016					JM05016	JM205016	
100	911	150	300	SM10015					JM10015	JM210015	

**LOW HEIGHT, SINGLE ACTING, SPRING RETURN CYLINDER**

Capacity		Stroke	Closed Height	Cylinder	Hand Pump 1 stage	Hand Pump 1 stage	Hand Pump 2 stage	Hand Pump 2 stage	Hand Pump 2 stage	Air	Hydraulic Pump
Tn	kN	mm	mm	LARZEP	W00307	W10607	W20807	W21807	W22607	Z12107	
10	109	40	89	SMP01004	JP01004						JPZ01004
20	214	40	101	SMP02004		JP02004					JPZ02004
30	303	60	125	SMP03006			JP03006				JPZ03006
50	486	60	125	SMP05006			JP05006				JPZ05006
100	911	60	141	SMP10006				JP10006			JPZ10006

**SINGLE ACTING, HOLLOW PISTON CYLINDER**

Capacity		Stroke	Closed Height	Cylinder	Hand Pump 1 stage	Hand Pump 1 stage	Hand Pump 2 stage	Hand Pump 2 stage	Hand Pump 2 stage	Air	Hydraulic Pump
Tn	kN	mm	mm	LARZEP	W00307	W10607	W20807	W21807	W22607	Z12107	
12	121	40	124	SH01204	JH01204						JHZ01204
22	217	50	165	SH02205		JH02205					JHZ02205
30	302	64	197	SH03006			JH03006				JHZ03006
60	578	76	223	SH06008				JH06008			JHZ06008
100	1.018	80	282	SH10008					JH10008		JHZ10008

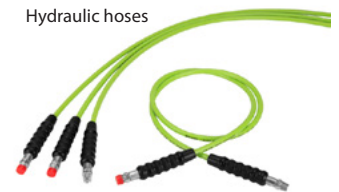
**ACCESSORIES**



Hydraulic couplers



Saddles



Hydraulic hoses

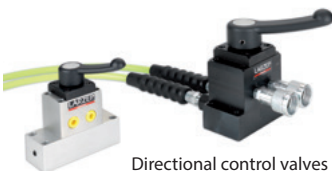


Pressure gauges

Fittings and manifolds



Flow control valves



Directional control valves



# WA

## HYDRAULIC ALUMINIUM HAND PUMPS



### 700 BAR

Type	Usable oil cm <sup>3</sup>	Model LARZEP	Oil displacement per stroke (cm <sup>3</sup> )	
			700 bar	20 bar
S	500	WA20507	2,6	13,4
S	1.100	WA21107	3,1	15

S: Single acting



### 2.800 BAR

Type	Usable oil cm <sup>3</sup>	Model LARZEP	Oil displacement per stroke (cm <sup>3</sup> )	
			2.800 bar	14 bar
S	1.000	WA21028	0,65	12,9

S: Single acting



# W-X

## HYDRAULIC HAND PUMPS

Type	Usable oil cm <sup>3</sup>	Model LARZEP	Oil displacement per stroke (cm <sup>3</sup> )	
			700 bar	Low pressure
S	240	W00307	2,2	-
S	640	W10607	3,2	-
S	640	W20807	2,8	13
SP	1.000	WP21007	2,0	12
S	1.400	W11407	3,2	-
S	1.800	W21807	2,8	13
S	2.600	W22607	4,0	46
S	4.450	W24507	4,0	46
S	6.500	W26507	4,9	126
DP	1.000	XP21007	2,0	12
D	2.600	X22607	4,0	4,6
D	4.200	X24307	2,8	16,5
D	6.500	X26507	4,9	126

S: Single acting / SP: Single acting, foot pedal operated  
D: Double acting / DP: Double acting, foot pedal operated

# Z-ZR

## AIR HYDRAULIC PUMPS



### 700 BAR

Model	Type	Usable oil cm <sup>3</sup>	Max. flow rate 700 bar
LARZEP	S/D/SR/DR	cm <sup>3</sup>	700 bar
Z12107	S	2.100	0,14 l/min
Z14007	S	4.000	
Z17007	S	6.900	
Z19107	S	10.000	
Z19207	S	20.000	
Z22107	D	2.100	
Z24007	D	4.000	
Z27007	D	6.900	
Z29107	D	10.000	
Z29207	D	20.000	
ZR12107	SR	2.100	
ZR14007	SR	4.000	
ZR17007	SR	6.900	
ZR19107	SR	10.000	
ZR19207	SR	20.000	
ZR22107	DR	2.100	
ZR24007	DR	4.000	
ZR27007	DR	6.900	

### 1.000 BAR

Model	Type	Usable oil cm <sup>3</sup>	Max. flow rate 1.000 bar
LARZEP	S	cm <sup>3</sup>	1.000 bar
Z12110	S	2.100	0,08 l/min
Z14010	S	4.000	

S: Single acting  
D: Double acting  
SR: Single acting, remote control  
DR: Double acting, remote control

# HBM-HBE

## HYDRAULIC POWERPACKS



Model	Control	Type	Tank litres	Oil flow (l/min)	
				700 bar	50 bar
HB*3***	M/E	S/D	8.5-12.5-25-50-100	0,54	5,90
HB*4***	M/E	S/D	8.5-12.5-25-50-100	0,82	8,64
HB*5***	M/E	S/D	25-50-100	1,64	14,00
HB*6***	M/E	S/D	25-50-100	3,26	11,77
HB*7***	M/E	S/D	5	0,36	4,00

HBM: Manual control valve

HBE: Solenoid valve

**CONTROL:**

M: Manual  
E: Electric

**MOTOR:**

115V / 230V / 400V  
1 Ph / 3 Ph  
50 Hz / 60 Hz

**TYPE:**

S: Single acting  
D: Double acting

# HAG

## PETROL HYDRAULIC PUMPS



S: Single acting  
D: Double acting

Tank litres	Oil flow (l/min)		Model	
	700 bar	Low pressure	S	D
14	0,36	4	HAG742	HAG744
25	0,36	4	HAG752	HAG754
50	0,36	4	HAG762	HAG764

# HAZ

## AIR DRIVEN HYDRAULIC PUMPS



Tank litres	Oil flow (l/min)		Model	
	700 bar	Low pressure	S	D
14	0,36	4	HAZ742	HAZ744
25	1,17	-	HAZ452	HAZ454
50	2,20	-	HAZ562	HAZ564
100	2,20	11	HAZ872	HAZ874

S: Single acting  
D: Double acting

# HAB

## BATTERY POWERED PORTABLE POWERPACK



Model	Flow at 700 bar l/min	Oil Capacity litres	Voltage V	Battery A-h
LARZEP				
HAB1102	0,16	2,3	18	4

# HFM-HFE

## SPLIT-FLOW POWERPACKS

**CONTROL:**

M: Manual  
E: Electric

**TYPE:**

S: Single acting  
D: Double acting

**MOTOR:**

230V / 400V  
50 Hz / 60 Hz  
3 Ph

HFM: Manual control valve  
HFE: Solenoid valve



Outlet No.	Model LARZEP	Control M/E	Type S/D	Flow at 700 bar l/min	Tank litres
4	HF*47***	M/E	S/D	0,9	100 - 150
	HF*49***	M/E	S/D	2,0	150
8	HF*888**	M/E	S/D	1,3	150

# WAP-WIP

## HYDROTEST HAND PUMPS



Hydrotest Pump	Max. Pressure	Capacity	Flow / stroke	Material Body
LARZEP	bar	litres	cc	
WAP0025	25	12	11	Cast iron
WAP0035	35	12	14	Cast iron
WAP0045	45	21	14	Cast iron
WAP0050	50	38	20	Cast iron
WAP0100	100	38	20	Cast iron
WAP0040	40	13	18	Mild steel
WAP0070	70	13	11	Mild steel
WAP0300	300	100	18 / 3,5	Mild steel
WAP0500	500	100	18 / 3,5	Mild steel
WAP1000	1.000	100	18 / 3,5	Mild steel
WAP1300	1.300	100	18 / 3,5	Mild steel

Hydrotest Pump	Max. Pressure	Capacity	Flow / stroke	Material Body
LARZEP	bar	litres	cc	
WIP0040	40	13	18	Bronze & SS
WIP0200	200	13	18	SS

# WI

## MODULAR HAND PUMPS



Model	Max. pressure	Working pressure	Oil flow per stroke
LARZEP	kg/cm <sup>2</sup>	kg/cm <sup>2</sup>	cm <sup>3</sup>
WI1400	1.400	700	3
WI700	700	400	4
WI210	200	200	10
WI105	100	100	18
WI035	35	35	36

# HEP

## ELECTRIC HYDROTEST PUMPS



Hydrotest Pump	Max. Pressure	Capacity	Flow	Voltage
LARZEP	bar	litres	l/min	V
HEP0020	20	12	15	230
HEP0050D	50	-	7	230
HEP0121	120	100	8	230
HEP0124	120	100	8	400
HEP0180	180	100	13	400
HEP0250	250	100	13	400
HEP0500	500	-	15	400

# HAP

## HYDROTEST PUMPS / BOLT TENSIONER PUMP



Hydrotest Pumps	Maximum Hydraulic Pressure (bar)			Maximum Flow (l/min)		
	Air 6.9 bar	Air 5.1 bar	Air 4.1 bar	20% Max. P	50% Max. P	80% Max. P
HAP0070	70	55	40	16,2	11,0	3,7
HAP0130	130	100	80	8,5	6,0	3,9
HAP0180	180	150	100	6,1	4,7	2,6
HAP0250	250	200	150	4,1	3,1	2,0
HAP0400	400	320	240	2,6	1,8	1,2
HAP0740	740	600	440	1,2	0,9	0,65
HAP1300	1.300	1.000	770	0,67	0,52	0,32
HAP1900	1.900	1.500	1.100	0,40	0,30	0,25
HAP2900	2.900	2.300	1.800	0,25	0,18	0,10

Bolt Tensioner Pump	Maximum Hydraulic Pressure (bar)			Maximum Flow (l/min)		
	Air 6.9 bar	Air 3.5 bar	Air 1.7 bar	20% Max. P	50% Max. P	80% Max. P
HAP2900BT	-	1.500	760	0,33	0,24	0,21

# CK

## HYDRAULIC CHAIN CUTTERS



Capacity	Model	Type	Max. ø
kN	LARZEP	S/D/SB	mm
135	CK0016	SB	19
135	CK0116	S	19
390	CK0130	S	30
345	CK0230	D	30
1.120	CK0250	D	50

S: Single acting  
D: Double acting  
SB: Single acting built-in pump

# CC

## HYDRAULIC CABLE CUTTERS



Capacity	Model	Type	Cable	Steel Rope
kN	LARZEP	S/D/SB	Max. ø mm	Max. ø mm
50	CC0018	SB	18	18
135	CC0040	SB	40	32
70	CC0075	SB	75	-
70	CC0118	S	18	18
135	CC0140	S	40	32
437	CC0160	S	60	60
70	CC0175	S	75	-
109	CC0190	S	90	-
109	CC01120	S	120	-
390	CC0260	D	60	60

S: Single acting  
D: Double acting  
SB: Single acting built-in pump

# CN

## HYDRAULIC NUT-SPLITTERS

Capacity	Model	Type	Nut	Across Flats
kN	LARZEP	S/SB		mm
135	CN0024	SB	M12 - M27	19 - 41
437	CN0152	S	M36 - M52	55 - 80
1.134	CN0180	S	M68 - M80	100 - 115
135	CN0224	S	M12 - M24	19 - 36
345	CN0233	S	M24 - M36	36 - 55
135	CN0324	S	M12 - M24	19 - 36

S: Single acting  
SB: Single acting built-in pump



# FU

## HYDRAULIC PULLERS



Capacity	Model	Hydraulic Part	Mechanic Part
Tn	LARZEP		
5	FU0500	JH00518/1	FU0500/M
10	FU1000	JH01204/1	FU1000/M
20	FU2000	JH02205/1	FU2000/M
30	FU3000	JH03005/1	FU3000/M
50	FU5000	JH06008/1	FU5000/M

# FA

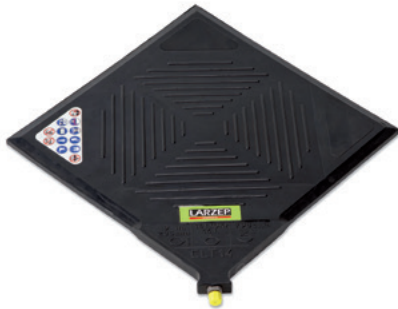
## SELF-CENTERING PULLERS



Capacity	Model	Max. ø	Max. height
Tn	LARZEP	mm	mm
10	FA1000	350	320
20	FA2000	480	320
30	FA3000	650	410
50	FA5000	980	710

## AA

## LIFTING CUSHIONS



Model	Max. Capacity	Stroke	Dimensions
LARZEP	Tn	mm	mm
AA00617	6	175	300x300x28
AA01423	14	235	420x420x28
AA01928	19	280	510x510x28
AA03034	30	345	620x620x28
AA04341	43	410	750x750x28
AA06550	65	500	920x920x28

## BS

## FLANGE SPREADERS



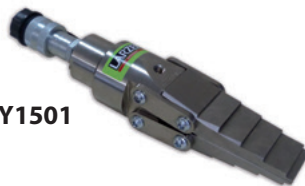
Capacity	Stroke	Model	Volume	Max. Flange thickness	Jaw width (mm)	
Tn	mm	LARZEP	cm <sup>3</sup>	mm	min.	max.
5	25	BS00502	18	2 x 57	70	155
10	55	BS01005	78	2 x 92	110	226

## CY

## SPREAD CYLINDERS

Capacity		Stroke	Model
Tn	kN	mm	LARZEP
1	10	75	CY0109G
0,8	8	189	CY0122
15	150	10	CY1501

CY1501



CY0122



CY0109G

## CT-C/CX

## LOAD CELLS (COMPRESSION)



Capacity		Model	Scale
Tn	kN	LARZEP	Tn
5	44	CX00510	0,05
10	99	CX01010	0,1
30	287	C03010	0,3

## PH PUNCHING HEADS

Capacity	Model	Punching ø
Tn	LARZEP	mm
15	PH015	8 - 18
35	PH035	6,4 - 20,6
45	PH045	8 - 24



# A-AB-AC

## BOTTLE JACKS



Capacity Tn	Stroke mm	Model LARZEP	A mm
2	105	A10210	168
3	105	A10310	169
5	150	A10515	212
8	150	A10815	219
10	150	A11015	220
15	150	A11515	228
20	150	A12015	234
30	150	A13015	242
50	140	A15014	260
5	300	AB10530	215
12	326	AB11232	245

A: Bottle jack  
AB: Telescopic bottle jack

A: Closed Height

# B

## TROLLEY JACKS



Capacity Tn	Stroke mm	Model LARZEP	A mm
2	375	B02037	95
3	375	B03036	95
6	410	B06041	170
10	435	B10043	170
15	405	B15041	195
20	415	B20041	200

A: Closed height

# AF

## HIGH LIFT HYDRAULIC TRANSMISSION JACKS



Capacity kg	Stroke mm	Model LARZEP	A mm
300	850	AF30085	1.200
750	820	AF75082	1.170
1.200	815	AF120082	1.170

A: Closed height

# HN

## AIR SERVICE JACKS



Capacity Tn	Stroke mm	Model LARZEP	A mm
15/30	88+83	HN231	150
18/30/60	91+72+74	HN360	180
15/25/50/80	66+56+68+60	HN480	180

A: Closed height

# AU

## HYDRAULIC TOE JACKS



Capacity (Tn)		Model LARZEP	Stroke mm	Toe Height mm	Closed Height mm
20	8	AU02015	152	67	276
		AU02030	305	67	452
30	12	AU03015	152	73	281
		AU03030	305	73	470
60	24	AU06015	152	78	327
		AU06030	305	78	533

Single acting, built-in pump

# HL

## HIGH TONNAGE AIR SERVICE JACKS



Capacity Tn	Stroke mm	Model LARZEP	A mm
30/60	110+117	HL06022	220
50/80	196+222	HL08042	420
25/50/80	167+171+180	HL08052	341
100	445	HL10044	725
150	554	HL15055	900

A: Closed height

# DLR

## PORTABLE HYDRAULIC CRANES



Capacity	Model	Max. height Extended jib	Leg width
kg	LARZEP	mm	mm
650	DLR006	2.200	820
1.000	DLR010	2.200	970
2.000	DLR020	2.460	1.080

# F

## HYDRAULIC LIFTING TABLES



Capacity	Stroke	Model	A
kg	mm	LARZEP	mm
650	430	F00643	215
1.500	670	F01567	210
2.500	580	F02558	300

A: Closed height

# EC-EE-EM-EZ

## PRESSES

CE: With remote pendant  
A: Width clearance  
H: Max. height clearance

### FRAME

B: Bench  
C: Column

### PUMP

M: Hand pump  
E: Electric pump  
Z: Air pump

### CYLINDER

S: Single acting  
D: Double acting



# CA

## MAINTENANCE UNIT



Capacity	Model
Tn	LARZEP
10	CA1014

Capacity	Frame	Pump	Model	A	H	Stroke	Cylinder	Weight
Tn	B/C	M/E/Z	LARZEP	mm	mm	mm	S/D	kg
10	B	M	ECM01115	350	376	155	S	41
	B	Z	ECZ01115	350	376	155	S	42
	B	E	ECE01115	350	376	155	S	75
	B	E	ECE01115-CE	350	376	155	S	80
20	B	M	ECM02015	500	376	159	S	85
	B	Z	ECZ02015	500	376	159	S	90
	B	E	ECE02015	500	376	159	S	150
	B	E	ECE02015-CE	500	376	159	S	155
30	C	M	EM03015	500	930	150	S	120
	C	Z	EZ03015	500	930	150	S	121
	C	E	EE03116	500	930	160	D	135
	C	E	EE03116-CE	500	930	160	D	140
60	C	M	EM06018	860	935	180	S	456
	C	Z	EZ06018	860	935	180	S	456
	C	E	EE06018	860	935	180	D	480
	C	E	EE06018-CE	860	935	180	D	485
120	C	Z	EZ12018	880	910	180	D	720
	C	E	EE12018	880	910	180	D	750
	C	E	EE12018-CE	880	910	180	D	755
250	C	E	EE25030-CE	1.080	1.000	300	D	2.100

# VA-VB-VC-VZ

## PIPE BENDERS



Pipe	Model	Capacity	Tripod
"	LARZEP	Tn	
1/2 - 2"	VB1527	15	Yes
1/2 - 3"	VA2034	20	No

Built-in pump



**HIGH PRESSURE HYDRAULIC EQUIPMENT PRODUCT OVERVIEW**

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