



75

ANIVERSARIO
ANNIVERSARY
1940 - 2015



Since 1940

LARZEP

HYDRAULIC

Performance under Pressure



Product overview

Eng. V07/15

SM

SINGLE ACTING SPRING RETURN CYLINDERS



Capacity	Stroke	Model	A
Tn (kN)	mm	LARZEP	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
30 (303)	60	SM03006	165
	150	SM03015	270
	210	SM03021	340
50 (487)	60	SM05006	176
	102	SM05010	227
	160	SM05016	285
	200	SM05020	325
	250	SM05025	376
339	SM05034	465	
75 (713)	160	SM07516	285
	330	SM07533	495
100 (911)	60	SM10006	180
	150	SM10015	300
	260	SM10026	449
140 (1.380)	60	SM14006	190
	150	SM14015	320
	260	SM14026	470
220 (2.156)	150	SM22015	340

SAM

ALUMINIUM SINGLE ACTING CYLINDERS, SOLID PISTON



Capacity	Stroke	Model	A
Tn (kN)	mm	LARZEP	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
200 (1.947)	50	SAM20005	234
	100	SAM20010	284
	150	SAM20015	334

ACCESSORIES FOR SM AND D MODELS



SH

SINGLE ACTING HOLLOW PISTON CYLINDERS, SPRING RETURN



Capacity	Stroke	Model	A
Tn (kN)	mm	LARZEP	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	Stroke	Model	A
Tn (kN)	mm	LARZEP	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
150 (1.407)	50	SAH15005	291
	100	SAH15010	366
	150	SAH15015	441

* Available up to 250 mm stroke.

'A' dimensions 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

STX

SINGLE ACTING PANCAKE CYLINDERS,
LOCK NUT, TILTING SADDLE



Capacity		Stroke mm	Model		A mm
Tn	kN		LARZEP	LARZEP	
50	486	50	STX05005		125
90	911	45	STX09004		137
140	1.380	45	STX14004		148
220	2.156	45	STX22004		155
350	3.468	45	STX35004		178
430	4.227	45	STX43004		184
550	5.520	45	STX56004		192
670	6.600	45	STX67004		236
880	8.620	45	STX88004		268
1.100	10.905	45	STX110004		295

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

SL

SINGLE ACTING TELESCOPIC CYLINDERS



Capacity		Stages No.	Stroke mm	Model	
Tn	kN			LARZEP	A mm
10	109	2	270	SL01027	250
		3	435	SL01043	280
15	163	2	300	SL01530	280
		3	500	SL01550	320
30	303	2	300	SL03030	304
		3	600	SL03060	355

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

STR

SINGLE ACTING LOCK NUT CYLINDERS, LOAD RETURN

Capacity Tn (kN)	Stroke mm	Model LARZEP	A mm
30 (303)	50	STR03005	169
	100	STR03010	219
	150	STR03015	269
	200	STR03020	319
	250	STR03025	369
50 (487)	300	STR03030	419
	50	STR05005	155
	100	STR05010	205
	150	STR05015	260
	200	STR05020	310
100 (911)	250	STR05025	365
	300	STR05030	415
	50	STR10005	180
	100	STR10010	230
	150	STR10015	285
140 (1.380)	200	STR10020	335
	250	STR10025	390
	300	STR10030	440
	50	STR14005	201
	100	STR14010	251
220 (2.156)	150	STR14015	311
	200	STR14020	361
	250	STR14025	421
	300	STR14030	471
	350 (3.368)	50	STR22005
100		STR22010	258
150		STR22015	318
200		STR22020	368
250		STR22025	433
430 (4.224)	300	STR22030	483
	50	STR35005	238
	100	STR35010	288
	150	STR35015	348
	200	STR35020	398
560 (5.517)	250	STR35025	458
	300	STR35030	508
	50	STR43005	250
	100	STR43010	300
	150	STR43015	365
670 (6.600)	200	STR43020	415
	250	STR43025	480
	300	STR43030	530
	50	STR56005	285
	100	STR56010	335
880 (8.620)	150	STR56015	400
	200	STR56020	450
	250	STR56025	515
	300	STR56030	565
	1.100 (10.905)	50	STR67005
100		STR67010	355
150		STR67015	420
200		STR67020	470
250		STR67025	535
1.100 (10.905)	300	STR67030	585
	50	STR88005	325
	100	STR88010	375
	150	STR88015	440
	200	STR88020	490
1.100 (10.905)	250	STR88025	555
	300	STR88030	605
	50	STR110005	340
	100	STR110010	420
	150	STR110015	485
1.100 (10.905)	200	STR110020	535
	250	STR110025	600
	300	STR110030	650

SAT

ALUMINIUM SINGLE ACTING CYLINDERS, LOCK NUT, LOAD RETURN



Capacity Tn (kN)	Stroke mm	Model LARZEP	A 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	193
	100	SAT05010	243
	150	SAT05015	293
	200	SAT05020	353
	250	SAT05025	403
	300	SAT05030	453
100 (911)	50	SAT10005	216
	100	SAT10010	266
	150	SAT10015	326
	200	SAT10020	376
	250	SAT10025	446
	300	SAT10030	496
140 (1.380)	50	SAT14005	234
	100	SAT14010	284
	150	SAT14015	345
	200	SAT14020	395
	250	SAT14025	465
	300	SAT14030	515
200 (1.946)	50	SAT20005	249
	100	SAT20010	299
	150	SAT20015	364
	200	SAT20020	414
	250	SAT20025	479
	300	SAT20030	529

SATM

ALUMINIUM SINGLE ACTING CYLINDERS, LOCK NUT, STOP RING, SPRING RETURN



Capacity Tn (kN)	Stroke mm	Model LARZEP	A mm
30 (303)	50	SATM03005	204
	100	SATM03010	254
	150	SATM03015	304
	200	SATM03020	354
	250	SATM03025	404
	300	SATM03030	454
50 (487)	50	SATM05005	216
	100	SATM05010	266
	150	SATM05015	316
	200	SATM05020	366
	250	SATM05025	416
	300	SATM05030	466
100 (911)	50	SATM10005	258
	100	SATM10010	308
	150	SATM10015	358
	200	SATM10020	408
	250	SATM10025	458
	300	SATM10030	508
140 (1.380)	50	SATM14005	282
	100	SATM14010	332
	150	SATM14015	382
	200	SATM14020	432
	250	SATM14025	482
	300	SATM14030	532
200 (1.946)	50	SATM20005	296
	100	SATM20010	346
	150	SATM20015	396
	200	SATM20020	446
	250	SATM20025	496
	300	SATM20030	546



STR

SPR

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



Capacity	Stroke	Model	A
Tn (kN)	mm	LARZEP	mm
140 (1.379)	50	SPR14005	202
	100	SPR14010	252
	150	SPR14015	307
	200	SPR14020	357
	250	SPR14025	412
220 (2.155)	300	SPR14030	462
	50	SPR22005	206
	100	SPR22010	256
	150	SPR22015	311
	200	SPR22020	361
265 (2.608)	250	SPR22025	416
	300	SPR22030	466
	50	SPR26505	226
	100	SPR26510	276
	150	SPR26515	336
350 (3.367)	200	SPR26520	386
	250	SPR26525	446
	300	SPR26530	496
	50	SPR35005	236
430 (4.224)	100	SPR35010	286
	150	SPR35015	341
	200	SPR35020	391
	250	SPR35025	446
560 (5.517)	300	SPR35030	496
	50	SPR43005	248
	100	SPR43010	298
	150	SPR43015	353
	200	SPR43020	403
670 (6.600)	250	SPR43025	458
	300	SPR43030	508
	50	SPR56005	268
	100	SPR56010	318
	150	SPR56015	373
880 (8.621)	200	SPR56020	423
	250	SPR56025	488
	300	SPR56030	538
	50	SPR67005	293
	100	SPR67010	343
1.100 (10.910)	150	SPR67015	398
	200	SPR67020	448
	250	SPR67025	508
	300	SPR67030	558
	50	SPR88005	310
1.100 (10.910)	100	SPR88010	360
	150	SPR88015	420
	200	SPR88020	470
	250	SPR88025	530
1.100 (10.910)	300	SPR88030	580
	50	SPR110005	345
	100	SPR110010	395
	150	SPR110015	455
1.100 (10.910)	200	SPR110020	505
	250	SPR110025	565
	300	SPR110030	615

SSR

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



Capacity	Stroke	Model	A
Tn (kN)	mm	LARZEP	mm
140 (1.380)	50	SSR14005	155
	100	SSR14010	205
	150	SSR14015	255
	200	SSR14020	305
	250	SSR14025	355
220 (2.156)	300	SSR14030	405
	50	SSR22005	170
	100	SSR22010	220
	150	SSR22015	270
	200	SSR22020	320
350 (3.369)	250	SSR22025	370
	300	SSR22030	420
	50	SSR35005	210
	100	SSR35010	260
	150	SSR35015	310
430 (4.224)	200	SSR35020	360
	250	SSR35025	410
	300	SSR35030	460
	50	SSR43005	215
	100	SSR43010	265
560 (5.520)	150	SSR43015	315
	200	SSR43020	365
	250	SSR43025	415
	300	SSR43030	465
	50	SSR56005	240
670 (6.600)	100	SSR56010	290
	150	SSR56015	340
	200	SSR56020	390
	250	SSR56025	440
	300	SSR56030	490
880 (8.625)	50	SSR67005	260
	100	SSR67010	315
	150	SSR67015	365
	200	SSR67020	415
	250	SSR67025	465
1.100 (10.916)	300	SSR67030	515
	50	SSR88005	290
	100	SSR88010	340
	150	SSR88015	390
	200	SSR88020	440
1.100 (10.916)	250	SSR88025	490
	300	SSR88030	540
	50	SSR110005	340
	100	SSR110010	390
	150	SSR110015	440
1.100 (10.916)	200	SSR110020	490
	250	SSR110025	540
	300	SSR110030	590

T-TE-TD

PULL CYLINDERS



Capacity	Stroke	Model	A	Type	
Tn	kN	mm	LARZEP	mm	S/D
5	54	140	T00514/5G	306	S
		140	T00514/10G	306	S
10	93	140	T01015	308	S
		150*	TE01015	576*	S
30	302	150*	TD01015	576*	D
		150*	TE03015	723*	S
50	483	150*	TD03015	723*	D
		150*	TE05015	757*	S
50	483	150*	TD05015	757*	D

* Models equipped with metallic protection have a 30 mm shorter stroke.

S: Single acting
D: Double acting

*'A' dimensions 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 FOR DM AND DI MODELS



DM: Metric threads
DI: UN 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
	250	DH06025	578	356	419
100	38	DH10004	1.018	647	197
	76	DH10008	1.018	647	255
	150	DH10015	1.018	647	335
	250	DH10025	1.018	647	465
150	200	DH15020	1.407	566	375

DM-DI

DOUBLE ACTING PRODUCTION CYLINDERS



Capacity Tn	Stroke mm	Model LARZEP	Model LARZEP	Capacity		A mm
				Push (kN)	Pull (kN)	
4	28	DM00403	DI00403	34	12	186
	79	DM00408	DI00408	34	12	237
	155	DM00416	DI00416	34	12	313
8	28	DM00803	DI00803	86	44	223
	79	DM00808	DI00808	86	44	274
	155	DM00816	DI00816	86	44	350
	257	DM00826	DI00826	86	44	452
15	159	DM01516	DI01516	139	73	389
	260	DM01526	DI01526	139	73	490
23	159	DM02316	DI02316	228	93	425
	260	DM02326	DI02326	228	93	526

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

DDR

DOUBLE ACTING HIGH TONNAGE CYLINDERS

Capacity Tn (kN)	Stroke mm	Model LARZEP	A mm
50 (486)	50	DDR05005	216
	100	DDR05010	266
	150	DDR05015	316
	200	DDR05020	366
	250	DDR05025	416
100 (911)	300	DDR05030	466
	50	DDR10005	196
	100	DDR10010	246
	150	DDR10015	296
	200	DDR10020	346
140 (1.380)	250	DDR10025	401
	300	DDR10030	451
	50	DDR14005	201
	100	DDR14010	251
	150	DDR14015	306
220 (2.156)	200	DDR14020	356
	250	DDR14025	411
	300	DDR14030	461
	50	DDR22005	216
	100	DDR22010	266
350 (3.370)	150	DDR22015	326
	200	DDR22020	376
	250	DDR22025	436
	300	DDR22030	486
	430 (4.224)	50	DDR35005
100		DDR35010	286
150		DDR35015	341
200		DDR35020	391
250		DDR35025	451
560 (5.521)	300	DDR35030	501
	50	DDR43005	248
	100	DDR43010	298
	150	DDR43015	353
	200	DDR43020	403
670 (6.600)	250	DDR43025	458
	300	DDR43030	508
	50	DDR56005	268
	100	DDR56010	318
	150	DDR56015	373
880 (8.626)	200	DDR56020	423
	250	DDR56025	488
	300	DDR56030	538
	50	DDR67005	293
	100	DDR67010	343
1100 (10.921)	150	DDR67015	398
	200	DDR67020	448
	250	DDR67025	508
	300	DDR67030	558
	1100 (10.921)	50	DDR88005
100		DDR88010	360
150		DDR88015	420
200		DDR88020	470
250		DDR88025	530
1100 (10.921)	300	DDR88030	580
	50	DDR110005	330
	100	DDR110010	380
	150	DDR110015	440
	200	DDR110020	490
1100 (10.921)	250	DDR110025	550
	300	DDR110030	600

DDA

ALUMINIUM DOUBLE ACTING CYLINDERS



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

DDR



DAH

ALUMINIUM DOUBLE ACTING HOLLOW PISTON CYLINDERS



Capacity Tn (kN)	Stroke mm	Model LARZEP	A mm
30 (302)	50	DAH03005	217
	100	DAH03010	267
	150	DAH03015	317
	200	DAH03020	367
	250	DAH03025	417
60 (578)	300	DAH03025	417
	50	DAH06005	225
	100	DAH06010	275
	150	DAH06015	325
	200	DAH06020	375
100 (1.019)	250	DAH06025	425
	50	DAH10005	256
	100	DAH10010	306
	150	DAH10015	356
	200	DAH10020	406
150 (1.408)	250	DAH10025	456
	50	DAH15005	261
	100	DAH15010	311
	150	DAH15015	361
	200	DAH15020	411
150 (1.408)	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 and Contact our Technical Department

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

J

CYLINDER - PUMP SETS



All sets include:
Two metres hose (AP2020)
Male coupler (AZ3120)
Pressure gauge (AV10006)
Gauge adaptor (AZ1502)
* Without gauge: add 'G' to the reference



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	W10707	W20707	W21207	W22307	Z12107
5	49	76	168	SM00508	JM00508					JMZ00508
		127	219	SM00513	JM00513					JMZ00513
10	109	54	121	SM01005	JM01005					JMZ01005
		155	247	SM01015		JM01015				JMZ01015
		257	352	SM01025			JM01025			JMZ01025
15	163	105	205	SM01510		JM01510				JMZ01510
		155	275	SM01515			JM01515			JMZ01515
23	228	51	166	SM02305		JM02305				JMZ02305
		102	217	SM02310		JM02310				JMZ02310
		159	277	SM02315			JM02315			JMZ02315
		261	379	SM02326				JM02326		JMZ02326
		362	480	SM02336					JM02336	JMZ02336
30	303	210	340	SM03021					JM03021	JMZ03021
50	487	160	285	SM05016					JM05016	JMZ05016
100	911	150	300	SM10015					JM10015	JMZ10015

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	W10707	W20707	W21207	W22307	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	W10707	W20707	W21207	W22307	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

W-X

HYDRAULIC HAND PUMPS



Type	Usable oil cm ³	Model LARZEP	Oil displacement per stroke (cm ³)	
			700 bar	20 bar
S	240	W00307	2,2	-
S	660	W10707	2,6	-
S	660	W20707	2,0	8,1
SP	740	WP20707	2,1	9,0
S	1.200	W11207	2,6	-
S	1.200	W21207	2,0	8,1
S	2.400	W22307	2,2	13,2
S	4.200	W24307	2,8	16,5
S	7.500	W07807	4,6	120,0
D	2.400	X22307	2,2	13,2
D	4.200	X24307	2,8	16,5
D	7.500	X07807	4,6	120,0

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

Z-ZR

AIR HYDRAULIC PUMPS



700 BAR

Model LARZEP	Type S/D/SR	Usable oil cm ³	Max. flow rate	
			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		

1000 BAR

Model LARZEP	Type S/D/SR	Usable oil cm ³	Max. flow rate	
			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

HAM-HAE

HYDRAULIC POWERPACKS



HAM: Manual control valve

HAE: 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

Model LARZEP	Control M/E	Type S/D	Tank litres	Oil flow (l/min)	
				700 bar	Low pressure
HA*1***	M/E	S/D	2.5-5-10-14-25-50	0,36	-
HA*2***	M/E	S/D	5-10-14-25-50	0,51	-
HA*3***	M/E	S/D	8.5-12.5-25-50	0,70	-
HA*4***	M/E	S/D	8.5-12.5-25-50	1,17	-
HA*5***	M/E	S/D	12.5-25-50	2,20	-
HA*7***	M/E	S/D	2.5-5-10-14-25-50	0,36	4
HA*8***	M/E	S/D	25-50-100	2,20	11
HA*9***	M/E	S/D	50-100	4,00	25

HAG

PETROL HYDRAULIC PUMPS



Tank litres	Oil flow (l/min)		Model	
	700 bar	Low pressure	S	D
14	0,51	-	HAG242	HAG244
25	0,51	-	HAG252	HAG254
50	0,51	-	HAG262	HAG264
14	0,36	4	HAG742	HAG744
25	0,36	4	HAG752	HAG754
50	0,36	4	HAG762	HAG764

S: Single acting
D: Double acting

HAZ

AIR 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

HFM-HFE

SPLIT-FLOW POWERPACKS



HFM: Manual control valve
HFE: Solenoid valve

Outlet No.	Model	Control	Type	Flow at 700 bar	Tank
				l/min	litres
2	HF*22***	M/E	S/D	0,60	50 - 100 - 150
	HF*23***	M/E	S/D	0,76	50 - 100 - 150
4	HF*41***	M/E	S/D	0,34	100 - 150
	HF*42***	M/E	S/D	0,60	100 - 150
	HF*43***	M/E	S/D	0,76	100 - 150
	HF*44***	M/E	S/D	0,94	100 - 150
	HF*45***	M/E	S/D	2,10	100 - 150
6	HF*61***	M/E	S/D	0,34	100 - 150
	HF*62***	M/E	S/D	0,60	100 - 150
8	HF*63***	M/E	S/D	0,76	100 - 150
	HF*82***	M/E	S/D	0,60	150
	HF*84***	M/E	S/D	0,94 (max. 450 bar)	150

CONTROL:

M: Manual
E: Electric

MOTOR:

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

TYPE:

S: Single acting
D: Double acting

HAT

TORQUE WRENCH PUMPS



Model	Tank litres	Oil flow (l/min)	
		700 bar	60 bar
LARZEP			
HAT729*	5	0,36	4
HAT739*	10	0,36	4
HAT749*	14	0,36	4

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

HAS

SYNCHRONIZED LIFTING SYSTEMS



Outlets No.	Model LARZEP	Type S/D	Flow at 700 bar l/min	Tank litres
4	HAS41***	S/D	0,34	100 - 150
	HAS42***	S/D	0,60	100 - 150
	HAS43***	S/D	0,76	100 - 150
	HAS44***	S/D	0,94	100 - 150
	HAS45***	S/D	2,10	100 - 150
6	HAS61***	S/D	0,34	100 - 150
	HAS62***	S/D	0,60	100 - 150
	HAS63***	S/D	0,76	100 - 150
8	HAS82***	S/D	0,60	150
	HAS84***	S/D	0,94 (max. 450 bar)	150

S: Single acting
D: Double acting

MOTOR: 230V / 400V
50 Hz / 3 Ph



HAP

HYDROTEST PUMPS / BOLT TENSIONER PUMP



Hydrotest Pumps LARZEP	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 LARZEP	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

WI

MODULAR HAND PUMPS



Model LARZEP	Max. pressure kg/cm ²	Working pressure kg/cm ²	Oil flow per stroke cm ³
WI1500	1.500	1.500	0,7
WI1400	1.400	700	3
WI700	700	400	4
WI210	200	200	10
WI105	100	100	18
WI035	35	35	36

PUMPS

HAB

BATTERY POWERED PORTABLE POWERPACK

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

CK

HYDRAULIC CHAIN CUTTERS



Capacity kN	Model	Type	max. ϕ 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 kN	Model	Type	Cable max. ϕ mm	Steel Rope max. ϕ mm
50	CC0018	SB	18,0	18
135	CC0040	SB	41,5	32
70	CC0075	SB	77,0	-
70	CC0118	S	19,0	18
135	CC0140	S	41,5	32
437	CC0160	S	64,0	60
70	CC0175	S	75,0	-
109	CC0190	S	92,0	-
109	CC01120	S	122,0	-
390	CC0260	D	64,0	60

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

CN

HYDRAULIC NUT-SPLITTERS



Capacity kN	Model	Type	Nut	Across Flats mm
135	CN0024	SB	M12 - M27	19 - 41
437	CN0152	S	M27 - M52	41 - 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	M10 - M24	19 - 36

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

CY

SPREAD CYLINDERS



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

FU

HYDRAULIC PULLERS



Capacity Tn	Model	Hydraulic Part	Mechanic Part
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 Tn	Model	max. ϕ mm	max. height mm
10	FA1000	350	320
20	FA2000	480	340
30	FA3000	680	420
50	FA5000	1.080	750



CB-CH-CM

CRIMPING TOOLS



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	cm³	mm	min.	max.
5	25	BS00502	18	2 x 57	70	155
10	55	BS01005	78	2 x 92	110	226

CT-C

DYNAMOMETERS & LOAD CELLS



DYNAMOMETERS (PULL)

Capacity		Model	Graduation
Tn	kN	LARZEP	Tn
5	49	CT00525	0,05
10	98	CT01025	0,1
30	303	CT03025	0,3
50	486	CT05025	0,5
100	1.026	CT10025	1

LOAD CELLS (COMPRESSION)

Capacity		Model	Graduation
Tn	kN	LARZEP	Tn
5	49	C00510	0,05
10	98	C01010	0,1
30	303	C03010	0,3
50	486	C05010	0,5
100	910	C10010	1
220	2.155	C20010	1,5



LAS

SQUARE DRIVE HYDRAULIC TORQUE WRENCHES



Max. Torque	Model	Square Drive	Hexagon
Nm	LARZEP	"	mm
1.100	LAS01	3/4"	22 - 55
1.800	LAS02	3/4"	22 - 55
4.500	LAS04	1"	27 - 95
7.500	LAS07	1 1/2"	32 - 150
10.700	LAS10	1 1/2"	32 - 150
15.500	LAS15	1 1/2"	32 - 150
26.600	LAS26	2 1/2"	55 - 180
34.700	LAS34	2 1/2"	55 - 180
48.600	LAS48	2 1/2"	55 - 180
72.000	LAS72	2 1/2"	55 - 180

LAX

LOW PROFILE HEXAGON HYDRAULIC TORQUE WRENCHES



Max. Torque	Model	Model	Hexagon
Nm	Cylinder	Ratchet Link	mm A/F
2.300	LAX02	LAX02H***	19 to 60
6.000	LAX06	LAX06H***	32 to 80
11.000	LAX11	LAX11H***	41 to 105
18.500	LAX18	LAX18H***	50 to 117
42.000	LAX44	LAX44H***	85 to 175

PH

PUNCHING HEADS

TOOLS

A-AB-AC

BOTTLE JACKS



Capacity	Stroke	Model	A
Tn	mm	LARZEP	mm
2	112	A40211	172
3	112	A40311	172
5	146	A40515	212
8	148	A40815	220
10	148	A41015	220
15	154	A41515	231
20	142	A22014	214
30	142	A23014	222
50	145	A25014	216
4	345	AB40434	265
10	270	AB21027	249
20	142	AC22014	214
30	142	AC23014	222

MODEL

- A: Bottle jack
- AB: Telescopic bottle jack
- AC: Bottle jack with pressure gauge

B

TROLLEY JACKS



Capacity	Stroke	Model	A
Tn	mm	LARZEP	mm
2	470	B02047	110
3	440	B03044	120
7	440	B07044	160
10	440	B10044	160
15	420	B15042	180
20	420	B20042	180

A: Closed height

AF

HIGH LIFT HYDRAULIC TRANSMISSION JACKS



Capacity	Stroke	Model	A
kg	mm	LARZEP	mm
250	810	AF25082	1.100
500	800	AF50080	1.130
1.000	780	AF100080	1.150
1.500	780	AF150080	1.150

A: Closed height

AU

HYDRAULIC TOE JACKS



Capacity (Tn)		Model	Stroke	Toe Height	Closed Height
Saddle	Toe	LARZEP	mm	mm	mm
5	5	AU00518	178	41	330
20	8	AU02015	152	67	276
		AU02030	305	67	452
30	12	AU03015	152	73	281
		AU03030	305	73	470
60	24	AU06015	152	73	327
		AU06030	305	73	533

Single acting, built-in pump

HN

AIR SERVICE JACKS



Capacity	Stroke	Model	A
Tn	mm	LARZEP	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

HL

HIGH TONNAGE AIR SERVICE JACKS



Capacity	Stroke	Model	A
Tn	mm	LARZEP	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

F

HYDRAULIC LIFTING TABLES



Capacity	Stroke	Model	A
kg	mm	LARZEP	mm
1.500	675	F01571	235

A: Closed height

CA

MAINTENANCE UNITS



Capacity	Model	Type
Tn	LARZEP	C/-
10	CA1110	-
	CA1113	C

C: Spread cylinder included

DLG

PORTABLE HYDRAULIC CRANES

Capacity	Model	Max. height Extended jib	Max. height Closed jib	Leg width
kg	LARZEP	mm	mm	mm
500	DLG005	2.190	2.040	730
1.000	DLG010	2.420	2.240	880
2.000	DLG020	2.770	2.520	1.055



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



VA-VB-VC-VZ

PIPE BENDERS



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	ECM01113	350	352	130	S	41
	B	Z	ECZ01113	350	352	130	S	42
	B	E	ECE01113	350	352	130	S	75
	B	E	ECE01113-CE	350	352	130	S	80
20	B	M	ECM02013	500	330	130	S	85
	B	Z	ECZ02013	500	330	130	S	90
	B	E	ECE02013	500	330	130	S	150
	B	E	ECE02013-CE	500	330	130	S	155
30	C	M	EM03012	500	930	95	S	120
	C	Z	EZ03012	500	930	95	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

Pipe	Model	Pump
"	LARZEP	G/GP/M/E/Z
3/8 - 2"	VA1227	G
	VB1227	GP
	VA1225	M
	VZ1225	Z
	VC1225	E
1/2 - 3"	VA1536	M
	VZ1536	Z
1/2 - 6"	VC1536	E
1/2 - 6"	VC7532	E

G: Integrated pump
GP: Integrated pump + Tripod
M: Hand pump
E: Electric pump
Z: Air pump



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