



HYDRAULIC CABLE CUTTER

"CC0040"



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ANNEX

- GENERAL DRAWING

1. BEFORE USING THE EQUIPMENT

Remove the tool from its packaging and check for external damage, such as:

- a broken cutting blade.
- a damaged levers.
- a loosed/unscrewed parts.

LARZEP hydraulic tools are designed in accordance with internal quality standards, in compliance with the ISO 9001 regulation.

The tools are designed for the applications described in this manual. Any other use may pose a risk to the equipment and result in hazardous situations for the operator.

The manufacturer accepts no responsibility for damage resulting from the improper use of the tool

Check that the machine and accessories have not been damaged in any way during transportation to the plant.

Always use the tools in well-lit areas.



Never use hydraulic equipment that is damaged or suspected to be in poor condition

The tools are designed for the applications described in this manual. Any other use may pose a risk to the equipment and result in hazardous situations for the operator. The manufacturer accepts no responsibility for damage resulting from the improper use of the tool.

The operator should be fully aware of the risks inherent in the use of high-pressure hydraulic tools, and should act responsibility in accordance with that described in this manual, ensuring both his/her own safety as well as the safety of others located in the vicinity of the working zone.



Do not loose instruction manual

The working instructions should be available for consultation by the operator at all times.

In addition to reading and understanding the instructions manual, the operator should be trained in the use of the machine and in the standards and regulations governing operations of this kind, such as those pertaining to accident prevention and environmental protection, for example. All exposed personnel should use appropriate personal protection equipment: boots, helmet, goggles, gloves and protective clothing.



Boots



Helmet



Goggles



Gloves



Clothes

2. TECHNICAL FEATURES

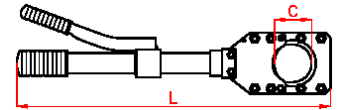
The tools in the CC cable cutter range are designed to cut cables and bars in accordance with the specifications contained in the table below. Any other use not included in the said specifications may cause irreparable damage to the cutter and render it unable to carry out the task for which it was designed.

When using the cable cutter, the operator should take steps to prevent the cable from fraying. We recommend that, before commencing the cutting operation, the cable be attached to either end of the cutting zone, using tape, wire or another similar means.

The operator should take appropriate steps at all times to prevent exposure to flying particles of cable or bar generated during the cutting process (personal protection equipment, protection screens, etc.).

MODELS WITH BUILT-IN PUMP:

MODEL		CC0018	CC0040	CC0075
CAPACITY	kN	70	135	70
PRESSURE	bar	700	700	700
WIRE ROPE (ALUMINIUM)	mm	18	40	40
CABLE	Telephone ø Ext. mm	18	40	75
	Lead ø Ext. mm	18	40	75
	Underground ø Ext. mm	18	40	77
STEEL ROPE MAX.R = 1800 N/mm ²	ø Ext. mm	18	32	-
	Wire ø mm	1	1	-
BLADE		CRC 18	CRC35-40	CRC75
DIMENSIONS	L mm	385	490	650
	C mm	19	41	77
WEIGHT	kg	2,8	5,6	6,8 kg



3. ESSENTIAL SAFETY REQUIREMENTS

- In the event of the improper working of the machine or one of the connected elements, immediately halt all operation, depressurise the system and resolve the problem.
- Before beginning operation, make sure that the danger zone is unoccupied.



Check that the machine and accessories have not been damaged in any way during transportation to the plant.

- Always use the tools in well-lit areas.
- Regardless of whether the cutting tool has a built-in or separate pump, try to establish the most convenient and stable working method for both the tool and the operator.



Allow for a general use at 80% of the tool's nominal capacity Do not exceed the tool's nominal capacity.
In the case of tools with separate pumps, we recommend the use of a pressure indicator, in order to enable the operator to monitor at all times the force to which the system is subjected

- It is quite possible that when cut, the work piece may project particles and fragments. Therefore, the operator should protect his/her body and (particularly) eyes using appropriate protective equipment.



Goggles



Face Protection

- In the case of tools with a separate pump, the hose enables the operator to move further away from the danger zone, while in the case of tools with built-in pumps, if possible, a guard should be positioned between the work piece and the operator.
- Do not expose tools to intense heat sources, such as welding equipment, for example.
- Depressurise and disconnect the tools before carrying out any maintenance operations
- The controls of both the tools with built-in pumps and the separate pumps themselves should always be activated manually. Do not use hand tools, levers, etc. to work the controls.
- In the case of tools with separate pumps, make sure all the quick plugs are completely clean before connecting.
- Make sure that the hydraulic hoses are neither twisted nor unduly tensed.
- When working with an electric pump, make sure that the valve is set to its neutral position before connecting the tool.
- When working with cable cutters, fraying may occur during the cutting operation. To avoid this, clamp the cable to either end of the cutting blade with tape, wire or even a bushing.
- Clean the quick plugs thoroughly before connecting.
- In all cases, the operator should be thoroughly trained in the operation of the tool and should act in accordance with the logical safety criteria associated with the use of high-pressure equipment.

4. START UP

MODELS WITH IN-BUILT PUMP: CC0018, CC0040 and CC0075
1- Hold the tool by the thick handle and with the tool in an upright position (head facing up).
2- Pump the lever to check that the blade moves forward.
3- Make sure the deformation zone is free from obstruction, and then continue pumping until the blade reaches the end of its travel. At this point the lever will become stiffer and harder to move.
4- Continue pumping until the safety valve is activated. Check for oil leaks.
5- Press the unload button and check that the blade returns to its initial position.
6- Repeat this operation as many times as necessary in order to become familiar with the operation of the tool.
7- Remove the pin and open the tool head.
8- Place the material to be cut in the cavity of the counter-blade and close the head, fixing it in place with the pin. Make sure the pin is properly positioned.
9- Pump until the material is cut.
10- Once cut, press the unload button to move the blade back. Open the head and remove all traces of waste material before making another cut.

5. MAINTENANCE

- After use, the tool should be cleaned and the area where the blade comes into contact with the heads oiled.
- In the event of oil leaks, disassemble the tool and change the seals. The individual blueprint provided for each tool specifies its components and codes.
- During this operation, check the condition of the inside of the cylinder. If scratches or snags are detected, then a more thorough repair procedure will be required. We recommend that this be carried out **by specialist personnel**.
- Check for loose nuts in the head.
- In the event of improper functioning in the models with built-in pumps, we recommend that you send the tool to an authorised technical service for inspection and repair.

CHANGING THE BLADE

Release the screw (22) and remove the blade (58). Replace the blade with a new one and attach to the piston by tightening the screw once again.

6. WARRANTY

LARZEP, S.A. guarantees its products against all design and manufacturing defects for the durations of two years from the date of purchase. This guarantee does not include the ordinary wear of both metal and non-metal parts, abuse, using the equipment beyond its rated capacity and any wear or damage incurred as a result of using a hydraulic fluid which is not recommended by **LARZEP, S.A.**

Please note that if the equipment is disassembled or serviced by anyone other than an authorized service dealer or by **LARZEP, S.A.**, this guarantee is rendered null and void.

In the event of a warranty claim, return the equipment, to **LARZEP, S.A.** or the authorized dealer which sold you the hydraulic equipment, **LARZEP, S.A.** will repair or replace the faulty equipment, whichever is deemed most appropriate. **LARZEP, S.A.** shall not be held liable for any consequential damages or losses, which may occur as a result of faulty equipment

7. DECLARATION OF CONFORMITY

DECLARACION DE CONFORMIDAD

E LARZEP, S.A.
Dirección: Avda. Urtiaga, 6
48269 Mallabia ESPAÑA
Declaramos bajo nuestra exclusiva responsabilidad la conformidad de los productos a los que refiere esta declaración, con las disposiciones de la directiva: 2006/42/CE

DECLARATION DE CONFORMITE

F Nous, LARZEP, S.A.
Adresse: Avda. Urtiaga, 6
48269 Mallabia SPAIN
Déclarons sous notre seule responsabilité que les produits auxquels se réfère cette déclaration sont conformes aux dispositions des Directives: 2006/42/EC

DECLARAÇÃO DE CONFORMIDADE

P Nós, LARZEP, S.A.
Endereço: Avda. Urtiaga, 6
48269 Mallabia SPAIN
Declaramos, sob nossa única responsabilidade, que os seguintes produtos, incluídos nesta declaração estão em conformidade com o disposto na Directiva: 2006/42/EC

ÖVERENSSTEMMELSEERKLÆRING

DK Vi, LARZEP, S.A.
Adresse: Avda. Urtiaga, 6
48269 Mallabia SPAIN
Erklærer på eget ansvar, at følgende produkter som er omfattet af denne erklæring, er i overensstemmelse med bestemmelserne i Direktiv: 2006/42/EC

ERKLÆRING OM OVERENSSTEMMELSE

N Vi, LARZEP, S.A.
Adresse: Avda. Urtiaga, 6
48269 Mallabia SPAIN
Erklærer på eget ansvar, at følgende produkter som dekkes av denne erklæringen, er i overensstemmelse med bestemmelserne i Direktiv: 2006/42/EC

KONFORMITÄT SERKLÄRUNG

D Wir, LARZEP, S.A.
Anschrift: Avda. Urtiaga, 6
48269 Mallabia SPAIN
Erklären auf eigene Verantwortung, daß folgende Produkte, auf die sich diese Erklärung bezieht, mit den Bedingungen der Direktiven, 2006/42/EG übereinstimmen.

Tipo, Type, Typ, Tyyppi.

SM / SAM / SH / SAH / SP / SMP / SPR / SX / SMX / STR / SAT / SATM / STX / SL / SSR / T / TE / TD / D / DDR / DDA / DH / DAH / DM / DI / JM / JP / JH / DL / SLX

W / WA / WP / X / Z / ZR / HAM / HAE / HAZ / HAG / HAS / HFM / HFE / WI / HAP / HAB / HAT / HBM / HBE / WAP / WIP / HEP

AP / AR / AZ / AV / AVD / AVT / AT / ATH / AY

CK / CC / CN / FU / FV / FZ / FA / CY / CT / C / AA / AU / BS / LS / LX / PH / CB / CH / CM / CX

A / AB / AC / AF / B / DLG / DLR / F / HN / HL / VA / VB / VC / VZ / EC / EE / EM / EZ / CA

Mallabia, ESPAÑA 2018 / 04 / 12

Lugar y fecha, place and date, lieu et date, plats och datum, paikka ja päivämäärä, udstedelsessted og-dato, ort und datum, plaats en datum, local e data, luogo e data.

DECLARATION OF CONFORMITY

GB We, LARZEP, S.A.
Address: Avda. Urtiaga, 6
48269 Mallabia SPAIN
Declare under our sole responsibility that the following products to which this declaration relates conform with the provisions of Directives: 2006/42/EC

DICHIARAZIONE DI CONFORMITÀ

I Noi, LARZEP, S.A.
Indirizzo: Avda. Urtiaga, 6
48269 Mallabia SPAIN
Dichiariamo sotto la nostra esclusiva responsabilità che i prodotti ai quali questa dichiarazione si riferisce sono conformi quanto previsto dalle Direttive: 2006/42/EC

VAATIMUSTEMUKAISUUSVAKUUTUS.

FIN Me, LARZEP, S.A.
Osoite: Avda. Urtiaga, 6
48269 Mallabia SPAIN
Vakuutamme yksinomaan omalla vastuullamme, että seuraavat tuotteet, joihin tämä vakuutus liittyy, ovat seuraavien Direktiivien vaatimusten mukaisia: 2006/42/EC

VERKLARING VAN OVEREENKOMST.

NL Wij, LARZEP, S.A.
Adres: Avda. Urtiaga, 6
48269 Mallabia SPAIN
Verklaren geheel onder eigen verantwoordelijkheid dat de volgende producten, waarop deze verklaring heeft in overeenstemming zijn met de bepalingen van Richtlijn: 2006/42/EC

FÖRSÄKRAN OM ÖVERESSTÄMMELSE

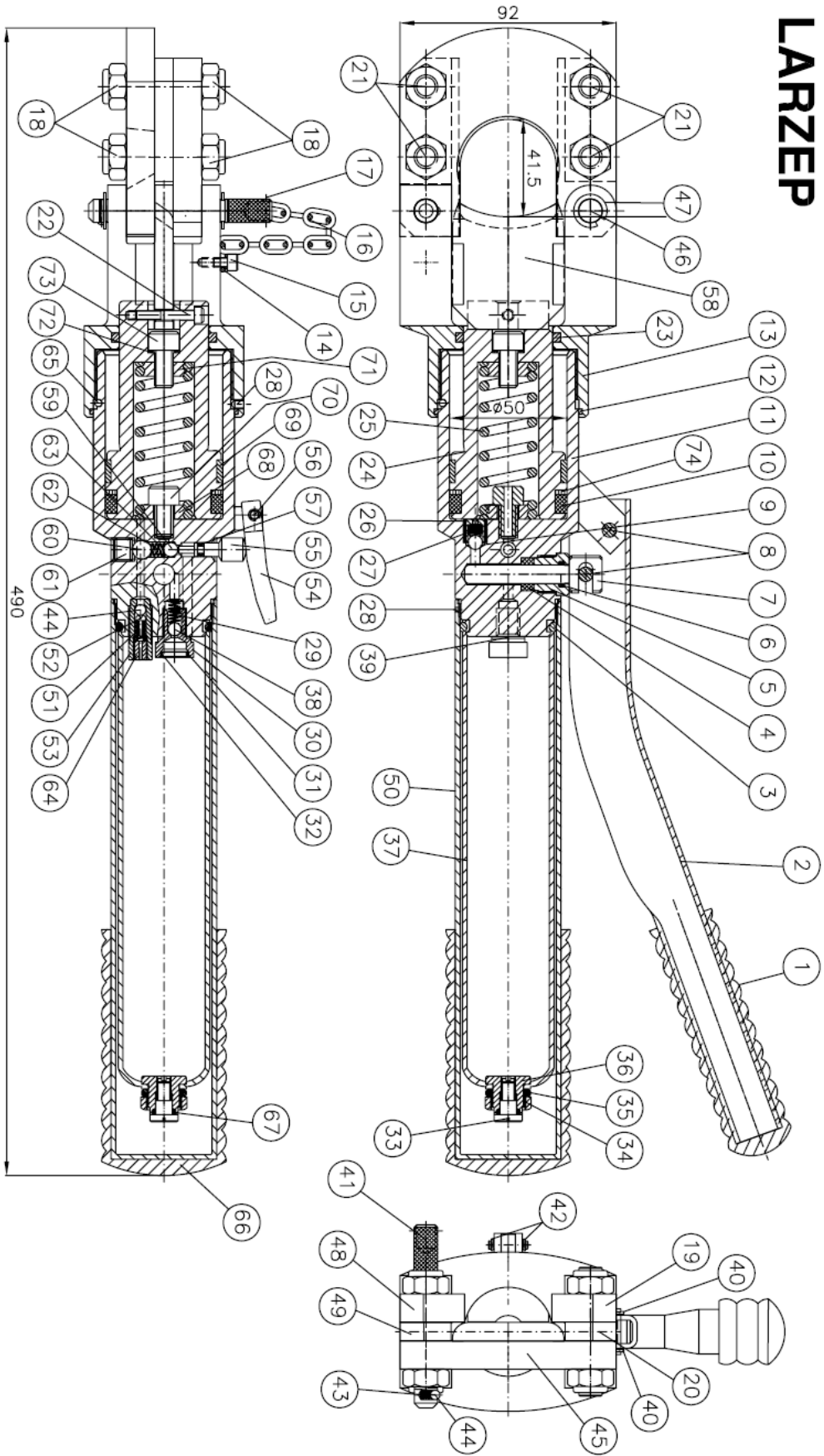
S Vi, LARZEP, S.A.
Adress: Avda. Urtiaga, 6
48269 Mallabia SPAIN
Försäkrar under eget ansvar att följande produkter som omfattas av denna försäkran är i överensstämmelse med villkoren i Direktiv: 2006/42/EC



Juan Carlos Bustos

Nombre y firma, name and signature, nom et signature, namn och underskrift, nimi ja nimikirjoitus, navn og underskrift, name und underskrift, naám en handtekening, nome e assinatura, nome e firma.

LARZEP



MODEL	CAPACITY	LENGTH	WEIGHT	WIRE ROPE		CABLE		STEEL ROPE
				ALUMINIUM WITH COPPER	ALUMINIUM WITH STEEL	LEAD SHIELDED	UNDERGROUND	MAX. STRENGTH 1800 N/mm ² Ø WIRE 1,00 mm. ØExt. 32 mm.
CC.00.40	135 kN	490 mm.	5,6 Kg.	ØExt. 40 mm.	ØExt. 40 mm.	ØExt. 40 mm.	ØExt. 40 mm.	

Instruction Manual Cable Cutter "CC0040"

N	DESCRIPTION	REFERENCE GASKET	CODE	N PARTS
1	HANDLE		24C0032	1
2	LEVER		24A0037	1
3	O-RING $\phi 29.74 \times 3.53$		12A0004	1
4	Collar $\phi 8 \times \phi 14 \times 7$	TTU8-14	12B0254	1
5	INJECTOR GUIDE NUT		14B0038	1
6	O-RING $\phi 8.73 \times 1.78$		12A0266	1
7	PISTON		54A0023	1
8	PIN		15I0201	2
9	BALL $\phi 5.5$		31A0007	1
10	Collar $\phi 40 \times \phi 50 \times 7.5$	TTU 40-50/1	12B0260	1
11	BODY		52U0006	1
12	O-RING $\phi 60.04 \times 1.78$		12A0269	1
13	SADDLE		56Q0003	1
14	STANDARD WASHER FOR M4		14C0017	1
15	ALLEN SCREW M4x6 DIN 912 8.8		14A0150	1
16	LINK CHAIN $\phi 2$ A=8 L=18		24I0019	1
17	ELASTIC PIN DIN 1481 $\phi 2 \times 10$		14E0026	1
18	SELFLOCKING NUT M10 DIN-985		14B0023	8
19	LEFT GUIDE BASE		24F0148	1
20	LEFT INTERMEDIATE BASE		24F0106	1
21	SADDLE SHAFT		15I0213	4
22	ALLEN SCREW M5x25 DIN 912 12.9		14A0222	1
* 23	O-RING $\phi 37.69 \times 3.53$		12A0006	1
24	PISTON		53S0040	1
25	RETURN SPRING		13A0191	1
26	RETENTION VALVE SCREW		1500071	1
27	RETENTION SPRING		13D0113	1
28	ALLEN STUD M4x5		14F0033	2
29	INDRAFT SPRING		13D0112	1
30	INDRAFT VALVE SCREW		1500072	1
31	BRASS NETTING FILTER		06D0001	0.001
32	NETTING HOLDER COLLAR		15B0064	1
33	OBTURATOR SCREW		1500074	1
34	NUT		14B0039	1
35	TANK WASHER		57E0012	1
36	TANK SCREW		1500073	1
37	TANK RUBBER		12M0003	1

N	DESCRIPTION	REFERENCE GASKET	CODE	N PARTS
38	BALL $\phi 4$		31A0002	1
39	COPPER WASHER $\phi 14 \times \phi 10 \times 1.5$		57B0031	1
40	SECURITY RING FOR $\phi 6$ DIN 6799		14D0024	4
41	PIN		15I0209	1
42	SECURITY RING FOR $\phi 3.2$ DIN 6799		14D0048	2
43	SPRING		13D0111	1
44	BALL $\phi 4$		31A0002	2
45	COUNTERBLADE		24F0147	1
46	SADDLE PIN		15I0212	1
47	SECURITY RING FOR $\phi 10$ DIN-471		14D0017	3
48	RIGHT GUIDE BASE		24F0149	1
49	RIGHT INTERMEDIATE BASE		24F0105	1
50	TANK COVER TUBE		13D0109	1
51	RESTRICTOR VALVE SPRING		15N0021	1
52	BALL BUTTON		15N0021	1
53	SECURITY VALVE BODY		52Y0037	1
54	BUTTON LEVER		24A0036	1
55	UNLOADING BUTTON		15N0023	1
56	BUTTON PIN		15I0200	1
* 57	O-RING $\phi 2.9 \times 1.78$		12A0075	1
58	MOBILE BLADE		CRC35-40	1
59	BALL $\phi 5.5$		31A0007	1
60	BALL $\phi 8$		31A0009	1
61	ALLEN STUD M10x10		14F0014	1
62	SPRING		13D0110	1
63	STANDARD WASHER FOR M3		14C0018	1
64	STUD M6x6		14F0034	1
65	BALL $\phi 3$		31A0004	1
66	HANDLE		24C0035	1
* 67	O-RING $\phi 6.75 \times 1.78$		12A0272	1
68	SPRING TIE		58F0196	1
* 69	GUIDE RING $\phi 50 \times \phi 45 \times 9.7$	GP6900500-C380	24F0109	1
70	ALLEN SCREW M6x16 WITH HOLE $\phi 3.5$		1500077	1
71	SPRING TIE		24F0108	1
* 72	COPPER WASHER		57B0005	1
73	ALLEN SCREW M8x25 DIN 912 12.9		14A0161	1
* 74	SEGMENT		57A0294	1
75	CASE		21D0069	1

* SEAL KIT

V.º P.º S.ºnc Industrial		VERSION		MODIFICACIONES		FECHA	
Autor PEDRO GOMEZ		DIMENSIONES		DESPIEZO CC0040		LARZEP	
Ref. Materia Prima		Ficha S-9-02		Resistencia Kg/mm ²		Sustituido por	
Dimensiones en Bruto		Dureza		kg/mm ²		Sustituye a	
Peso en Bruto Kgr		ESCALA		Directorio			
Fabricación para las dimensiones de los dibujos en el dibujo Referencia en caso de pedido ADELPHOS IIR - C.º 112 - METALUR. LAMINARIAS S.º 0125				Tratamiento HNY < 10u HNY < 16u HNY < 24u HNY < 0.05u		Resistentes a los HNY < 10u HNY < 16u HNY < 24u HNY < 0.05u	