

LB40

heavy-duty work unit

technical data sheet



LIBERVIT
manufacturer

LIBERVIT **ORANGEline**

manual & hydraulic forcible
entry tools

LIBERVIT **ORANGEline**

extrication
urban search & rescue tools

LIBERVIT *maritime rescue*

watery rescue tools

From a general point of view, even the most efficient equipment will not themselves be the solution to deal with all situations. They cannot guarantee the expected result, nor eliminate any risk for the rescuers.

As a manufacturer we OWE to ourselves and to the users to give priority to quality, reliability, performance, and innovations.

We will never be confronted to front-line situations, but you, on the other hand are facing them daily in France or elsewhere around the world and sometimes while using some of our tools.

It is at this very moment that our choice of components, raw materials to manufacture the tools that you are using, at this very moment, when you are about to save lives that the equipment must itself be failproof !

Internationally, France benefits from a strong reputation in the fields of security and victims' relief at the operational knowhow level as much as in the equipment manufacturing.

At LIBERVIT, we are experienced technicians, our professional ethic is unwavering and above all we know and respect those using our products and because of this close relationship we have considered their insights and suggestions in the making of our tools.

We pride ourselves in manufacturing French. All the labelled equipment that you had, have, or will have in your hands, are made in France with more than 90% of components and raw materials of French origin or from close European Union countries such as Germany, Norway and Italy.

Our 25 years in the design and manufacturing of hydraulic and mechanical tools with land and water applications for the Firefighters, the Army and Police Special Forces, our seriousness, our professionalism, and our never ended search for innovations has made us a key player within these professional environments.

LIBERVIT is represented in over 60 countries through our specialized Distributors network offering commercial advice, demos, maintenance and after sale service. All of the LIBERVIT team and myself are available to ensure that none of your question remains unanswered.

We wish you a pleasant read.

A handwritten signature in dark ink, appearing to read 'Yvan Cardona', with a stylized flourish at the end.

Yvan CARDONA, CEO

Quality & Reliability

Our organization, from engineering to customers' service is ISO 9001 certified. It guarantees a high quality, life-long performance and complete reliability of our tools and equipment.

Unless otherwise specified by us, our equipments are guaranteed for 2 years from the dispatch date. The guarantee covers construction defects as well as material flaws noted by our services.

LIBERVIT will provide, for a minimum of 10 years after delivery, any of its tools' spare parts. All our equipments comply with CE standard.

All our tools undergo rigorous test & control before shipment.



LB40 heavy-duty work unit

to help you in your choices we offer you some suggestions of extrication, hydraulic tools as well as urban search & rescue sets.



LB40



The LB40 heavy-duty work set is including a B.A.S. hydraulic power unit, a hydraulic hose extension and three softshell carrying backpacks allowing the transport of different type of hydraulic cutters, spreaders, telescopic jacks with their own jack extension.

urban search & rescue heavy-duty work unit : réf. LB40

B.A.S. (1.65 L tank) urban search & rescue hydraulic power unit (allows the alternate use of two tools)

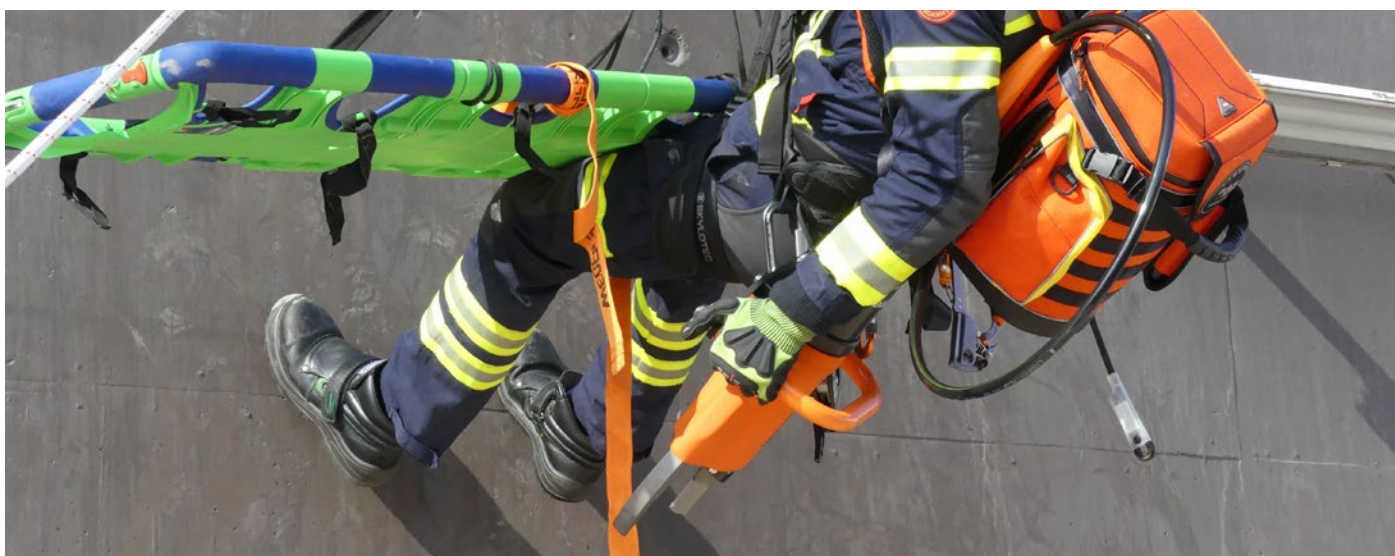
LF6 hydraulic hose

U400 hydraulic cutter (U shape blades)

E300 hydraulic spreader

VT500.10/5 telescopic hydraulic jack and its R169 extension

3 soft backpack racks : CLS/U400 - CLS/E300 - CLS/VT500.R



LB40 heavy-duty work unit



B.A.S. power unit for heavy duty work

hydraulic power unit	ref. B.A.S.
service pressure	300 bar
oil tank capacity	1.65 L - 58 fl oz
tools operated	two alternately
use, transport, storage	T360° multi-position technology
outer-shell	Cordura® soft shell (1100 Den)
molle® system	yes
closing	YKK® water repellent zipper
reinforced bottom bag	yes, semi-rigid / high abrasion resistance
colours	orange, black, yellow & reflective strips
carrying means	back / handheld / shoulder strap
pair of backpack shoulder and chest straps	yes, qty 1, ref. EPG0, to set on the back of the power unit backpack, removable and adjustable
shoulder strap	yes, qty 1, ref. BAS/B
reinforced handle	yes, qty 1, ref. BAS/P
left & right side removable pocket	qty 2, ref. PA1/BAS & ref. PA2/BAS
lifting ring	at the unit back to lift, air lift, lever, hang
integrated hydraulic hose	1.50 m - 5 ft
hydraulic hose casing	yes
decibels	48 dB*
power supply	qty 1, LIBERVIT 48 V Lithium battery, ref. BI-ION48
battery autonomy	2 hours of tool action**
battery removal	manually
battery maximum charging time	35 min (100% charge)
battery charge indicator	yes, on the battery and on the power unit dashboard
auto-shutdown	yes, after 4 hours non-use (auto-shutdown adjustable & can be disabled)
LIBERVIT automatic battery charger	qty 1, ref. CB-ION48 (220V) or CB-ION48 (110V)
convertible hand radio remote control	qty 1, with molle® system sleeve
power supply cable length	3 m - 10 ft
hand radio remote range	30 m - 99 ft
complete diagnosis LIBERVIT Connected	LIBERVIT Connected app on Google Play & Huawei store (deactivable Bluetooth)
dimensions	350 x 300 x 410 mm - 14 x 12 x 16 inch
weight	12 kg - 26 lbs***

* test done at a 5 m distance

** test done at a 150 bar average pressure

*** ready to use without portage means



LF6 hydraulic hose

hydraulic hose	ref. LF6
length	6 m - 20 ft
weight	2.4 kg - 5 lbs



LB40 heavy-duty work unit



U400 hydraulic cutter

U shape blades cutter	ref. U400
maximum blades opening	165 mm - 6.5 inch
maximum thrust	400 kN
maximum cutting capacity	Ø 22 mm - Ø 0.8 inch barre d'acier
transport handle	qty 1
service handle	oui
dimensions	688 x 250 x 220 mm - 27 x 10 x 8.5 inch
weight	14.2 kg - 2.2 st



E300 hydraulic spreader

short arms spreader	ref. E300
maximum arms' opening	329 mm - 13 inch
maximum thrust	84 kN
dimensions	560 x 270 x 170 mm - 22 x 11 x 7 inch
weight	13 kg - 2 st



VT500.10/5 hydraulic telescopic jack

hydraulic jack	ref. VT500.10/5
first stage thrust	100 kN
second stage thrust	49 kN
jack's stroke	380 mm - 1.2 ft
dimensions	495 x 78 x 240 mm - 19.5 x 3 x 10 inch
weight	10 kg - 22 lbs
short extension	ref. R169
dimensions	169 x 64 mm - 6.6 x 2.5 inch
weight	780 g - 1.7 lbs



3 backpacks for spreader E300 - jack VT500.10/5 - cutter U400

soft backpack E300	ref. CLS/E300
soft backpack VT500.10/5	ref. CLS/VT500.R
soft backpack U400	ref. CLS/U400



LIBERVIT

ORANGEline



> QUOTATIONS : quotations@libervit.com



> ORDERS : orders@libervit.com



> AFTER SALES SERVICE : aftersales@libervit.com

We have tried to be as thorough as possible in the making of this document.

However, some information might be incomplete or incorrect. LIBERVIT SAS cannot in anyway be held responsible for any of the consequences these errors could have.

If in doubt about some of the information rightness please contact our communication service through e-mail: communication@libervit.com

This document cannot be reproduce in part or entirely, be edited or distributed to the public without an authorization from LIBERVIT.

With all our thanks to the units authorizing us to use their pictures in this catalogue.

The information in this catalogue is not contractually binding.

With the aim of improving its products, LIBERVIT reserves the right to modify their specifications without prior notice.

COPYRIGHT - All rights reserved. Non-contractual photos

Photo credit : Search & Rescue teams | © Enrique LARIVÉ | © Yvan Chocloff | LIBERVIT

LIBERVIT communication | communication@libervit.com

LIBERVIT - Espace Polygone - 218 rue Ettore Bugatti - 66000 Perpignan - FRANCE

Phone : + 33 (0)4 68 50 05 25 - Fax : + 33 (0)4 68 66 98 97 - courrier@libervit.com - www.libervit.com

LIBERVIT AROUND THE WORLD



Join our Distributor Network : libervit-distributors.com



LIBERVIT



> QUOTATIONS : quotations@libervit.com



> ORDERS : orders@libervit.com



> AFTER SALES SERVICE : aftersales@libervit.com



libervit.com



gallery-libervit.com

We have tried to be as thorough as possible in the making of this document. However, some information might be incomplete or incorrect. LIBERVIT SAS cannot in anyway be held responsible for any of the consequences these errors could have.

If in doubt about some of the information rightness please contact our communication service through e-mail: communication@libervit.com

This document cannot be reproduce in part or entirely, be edited or distributed to the public without an authorization from LIBERVIT.

LIBERVIT - Espace Polygone - 218 rue Ettore Bugatti - 66000 Perpignan - FRANCE
Phone : +33 (0)4 68 50 05 25 - Fax : +33 (0)4 68 66 98 97 - courrier@libervit.com
www.libervit.com

