



LB35

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.



LB35 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.



LB35



The LB35 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. LB35

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

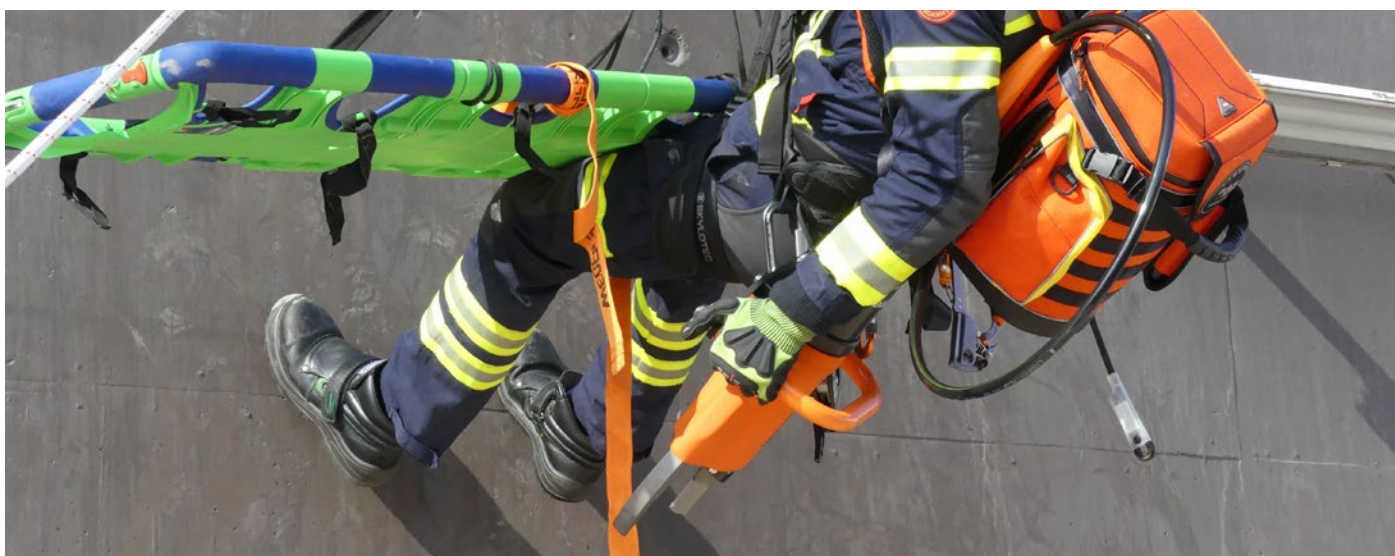
LF6 hydraulic hose

LD2 hydraulic cutter

E300 hydraulic spreader

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

3 soft backpack racks : CLS/LD2 - CLS/E300 - CLS/VT500.R



LB35 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



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LD2 hydraulic cutter		
long straight blades hydraulic cutter		ref. LD2
maximum blades opening		250 mm - 10 inch
maximum thrust		400 kN
maximum cutting capacity		Ø 22 mm - Ø 0.8 inch
transport handle		qty 1
service handle		yes
dimensions		675 x 300 x 205 mm - 26 x 12 x 8 inch
weight		13.3 kg - 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 BP2		
soft backpack E300		ref. CLS/E300
soft backpack VT500.10/5		ref. CLS/VT500.R
soft backpack BP2		ref. CLS/BP2



LIBERVIT

ORANGEline



> QUOTATIONS : quotations@libervit.com



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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

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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

