



B.A.S.
portable hydraulic power unit



made in France



LIBERVIT
ORANGEline
technical catalogue

LIBERVIT is a FRENCH company manufacturing hydraulic tools for firefighters, the police and the army for over 25 years.

Since 1993, LIBERVIT studies, develops and realizes tools to enable extrication & rescue excavation operations carried out by public or private rescue agencies such as the firefighters, the civil protection etc.

Throughout these years, we had to innovate and try to provide effective solutions to the various problems that were submitted to us. Over time, we built a reputation for seriousness, quality and efficiency which brought us to be present today, over all five continents.

All our tools are manufactured in our French factory in Perpignan. Our organization from engineering to customers service is ISO 9001 certified. We can afford to guarantee the tools from our catalogue for 3 years as all their components and materials' are French, German, Italian and Norwegian origin. Our products are distributed through our extensive distributors network over 60 countries. Our professional structure gives us the means to offer training to use and maintain our tools.

We hope that you will find within these pages equipment answering your requirements. My team and I will, of course, remain at your disposal to listen and exchange on any subject that could give us a better understanding of your needs to manufacture tools always more efficient for the situations you meet.

Yvan Cardona CEO







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We would like to thank our customers for using, experimenting, and trusting our tools.

Over the years, LIBERVIT has taken great pride in dedicating its resources to design, developing and sharing experiences with the end users.

It makes us proud to display your insignia, a proof for us of our longstanding relationship, and it would honor us if you considered sending us yours to appear in our next edition.

Mail it to our communication department : communication@libervit.com

Quality & Reliability

LIBERVIT will provide, for a minimum of 10 years after delivery, any of its tools' spare parts.

All our equipments comply with **CE** standard.

Unless otherwise specified by us, our equipments are guaranteed for 3 years from the dispatch date.

The guarantee covers construction defects as well as material flaws noted by our services.

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.

All our tools undergo rigorous test & control before shipment.





portable hydraulic
power unit
B.A.S.

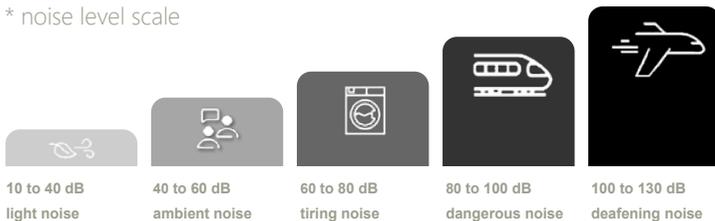
B.A.S. - portable hydraulic power unit

Technical specifications

reference	B.A.S.
operating pressure	300 bar
packaging	Cordura® soft apparel
ingress protection grading	IP64
extreme conditions cover	IP65 (optional)
available colours	orange, yellow, black & reflective fabric
portage	modular backpack / hand held / shoulder strap
molle® system	yes
pockets	qty 2
use, transport, storage	multiposition Technology T360 °
flexible integrated on BAS	1.50 m - 5 ft
flexible casing compartment	yes
decibels	48 dB at 5 m*
power supply	48 Volts Lithium battery
autonomy x1 battery	45 minutes tool action
autonomy x2 batteries	90 minutes tool action
second battery	optional, ref. BLFP48
battery disassembly	manual
maximum charging time	10 min for 100% charge
charge-status indicator	yes
auto-shutdown	yes
battery charger	yes
convertible hand radio remote	qty 1, with snap fastener pouch/molle® system
convertible foot pedal radio control	qty 1
power cable length	5 m - 16.5 ft
radio remote range	30 m - 99 ft
complete diagnosis LIBERVIT CONNECTED	free App on Apple Store or Google play
dimensions	350 x 250 x 410 mm - 14 x 10 x 16 inch
weight	9.6 kg - 21 lbs



* noise level scale



B.A.S. - portable hydraulic power unit



hand radio remote



foot pedal remote control



battery charger



flexible casing



charging indicator



auto-shutdown

A dashboard protected by a removable flap provides access to the start-up switch as well as to the battery charge status indicator.

In order to protect the battery and increase autonomy, we have equipped the B.A.S. hydraulic unit with auto-shutdown technology, this technology allows the hydraulic unit to automatically switch to standby mode after a period of extended non-activity, approximately 5 hours, and to instantly reactivate once the tool service handle or remote control is turned on.

Auto-shutdown technology eliminates the need for the user to worry about the hydraulic unit during use or storage; it will automatically go into total stop mode after a period of non-use of 8 hours.

The B.A.S. hydraulic unit has a 48V lithium battery, giving an average autonomy of 45 minutes in tool action. For users requiring greater autonomy, a casing is provided to receive a second battery (optional), thus making it possible to increase the autonomy to 90 minutes of tool action.

The 100% recharge time for a fully discharged battery is 10 minutes. If you have 2 batteries and a power supply for the battery charger, you can have unlimited autonomy by switching them.

The hydraulic unit is supplied as standard with two remote controls (hand and foot pedal), wired / wireless convertible, usable at 5m distance in wired configuration and at 30m distance in wireless configuration.

The use of wired or radio remote controls makes it possible, in the event of a trapped door or an armed assailant, to activate the hydraulic power unit while maintaining an essential safety distance.

These remote controls have a battery charge status indicator. They have long-lasting rechargeable batteries and can be recharged by simply connecting the remote control to the hydraulic unit without requiring a mains supply.

A 1.5 meters hydraulic hose is permanently stored in a dedicated compartment, just open it to extract the hose.

OPTIONAL ACCESSORIES AVAILABLE

MAGNETIC KIT

With the magnetic kit you can affix the B.A.S to any metal surface. Your movement won't be hindered and you won't need the help of a colleague to carry it.

HOOK KIT

When you cannot place the B.A.S on the ground you can use the hook to hang it.

EXTREME CONDITIONS COVER

The extreme conditions cover will protect your B.A.S. from heavy rains, sandstorms, sea packets ...

BLFP48 - BATTERY LITHIUM

A casing has been designed to hold a second battery and offer greater autonomy, up to 90 minutes of tool action.

B.A.S. - portable hydraulic power unit

LIBERVIT TOOLS POWER SUPPLY

The B.A.S. hydraulic unit supplies all the tools in the LIBERVIT BLACKline and LIBERVIT DEFENSE range.



spreaders



cutters



jacks



door opener
EX50



door opener
serie OP



middle range
door opener



high performance
door opener

We wanted this high-tech hydraulic power unit to power our latest generations of tools as well as all the LIBERVIT tools that have been manufactured in the last 20 years.

MODULAR PORTAGE



back carried



hand held



shoulder strap



backpack panel
removable



works in
all positions



CORDURA fabric
high quality

The covering of the B.A.S. hydraulic unit is made of padded multilayer CORDURA (1100 Den), fitted with water-repellent zippers and anti-noise partitions. (removable and washable). It is classified IP64 and does not exceed 48 dB at 5 m.

Thanks to reinforced polyacetal quick release buckles the B.A.S. can be worn and / or used in different ways:

Portage / use in back mode by shoulder straps

Portage / use in back mode on tactical vest molle

Portage / use in frontal mode on tactical vest molle

Portage / use in shoulder strap mode

Portage / use by hand

Ground use in vertical position

Ground use in horizontal position

The backpack panel and harnesses are removable and washable.

With the T360 technology developed by LIBERVIT, the B.A.S. hydraulic unit can be used and stored in all positions, while retaining all of its performance.

B.A.S. - portable hydraulic power unit

LIBERVIT CONNECTED



Apple store



Google play

Complete diagnosis of the B.A.S. hydraulic power unit via the LIBERVIT CONNECTED application

In order to simplify as much as possible the preventive maintenance part of our hydraulic power unit, the B.A.S. is delivered in series with a data acquisition and transmission system allowing each user, through their mobile phone, to make a complete diagnosis after downloading the free LIBERVIT CONNECTED application on the Apple Store or Google Play platforms.

This diagnosis tells you among other things : the charge status of the battery or batteries, the number of charge / discharge cycles already carried out, the hydraulic oil level, proper engine operation, hydraulic pressure, the manual and foot pedal remote controls working condition, the battery charger working condition, the effort from the tool used with the hydroelectric unit, as well as a great deal of essential information. You can if you wish send by email directly from your phone the diagnostic report to our technical service so that we can interpret it and give you our point of view on the possible need to carry out a maintenance operation, or help you through our hotline to solve a technical problem remotely.



The B.A.S. hydraulic power unit is endowed with many new and exclusive innovations, we have selected the best components produced by the best European manufacturers.

If, however, despite the care taken in choosing all the electronic components on board the B.A.S. hydraulic power unit, one of them should fail, this would in no way prevent operation and use in degraded mode while still offering the maximum performance to carry out a mission.

CB-L48 battery charger - BLFP48 Lithium battery

Technical characteristics

LIBERVIT automatic battery charger
for LIBERVIT Lithium battery
nominal voltage

hydraulic unit connector
dimensions
weight

ref. CB-L48
ref. BLFP48
198 - 264 VAC
50 - 60 Hz max 1.4 A
yes
210 x 113 x 53 mm
1.4 kg



Technical characteristics

Lithium battery
designation
volt
ampere
average charging time
dimensions
weight

ref. BLFP48
Lithium Ferro-Phosphate battery (LiFePO4)
48 volt
1.1 Ah
10 min
318 x 86 x 40 mm - 12.5 x 3.3 x 1.5 inch
1.1 kg - 2.4 lbs



option - VDT/BAS transport case

Technical specifications

reference	VDT/BAS
colour	black
telescopic handle	yes
wheels	yes
dimensions	800 x 520 x 300 mm - 31 x 21 x 11 inch
empty case weight	12.5 kg - 27.5 lbs
fully equipped case weight	22.1 kg - 48.5 lbs



the highest quality
protective cases



The B.A.S. hydraulic unit, its battery charger, the manual and foot pedal radio remote can be packaged in a waterproof case. The VDT/BAS case has high density black foam. An imprint of the tool or tools to be conditioned is made directly from the foam block, which guarantees perfect wedging and total protection of the tools during transport or storage. We use PELICASE brand suitcases, which is a guarantee of quality and longevity. Our suitcases meet the main military standards as well as those of air transport. They have wheels and a retractable carrying handle. The VDT/BAS case is optional when purchasing the hydraulic power unit.

Search & Rescue Solutions





Land & Underwater
Search & Rescue solutions



LIBERVIT

ORANGeline



> QUOTATIONS : quotations@libervit.com



> ORDERS : orders@libervit.com



> AFTER SALES SERVICE : aftersales@libervit.com



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