



LCHT1

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, flowing script.

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.



LCHT1 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.





LCHT2



The LCHT2 heavy-duty work set is for each of them including a petrol driven hydraulic power unit, two hydraulic hoses extension, one hydraulic cutter, a hydraulic spreader, a telescopic jack with two extensions and a jack right angle tool.



urban search & rescue heavy-duty work unit : réf. LCHT2

CHT2 petrol driven hydraulic power unit (allows the alternate use of two tools)

LF6 hydraulic hoses (x2)

LD2 hydraulic cutter (long straight blades)

E500 hydraulic spreader

VT500.10/5 telescopic hydraulic jack and its R169 & R455 extensions

ADVI jack right angle tool

LCHT2 heavy-duty work unit



LCHT2 petrol driven hydraulic power unit for heavy duty work

petrol driven hydraulic power unit	ref. LCHT2
operating pressure	300 bar
engine	Honda® GX 160 - 4 stroke
cont. rated power	2.9 kW (3.9 HP) / 3 600 rpm
fuel tank capacity	3.1 L. / 1 gal
fuel	super unleaded gasoline
oil tank	mineral oil
hydraulic connections	2
tools operated	two alternatively
dimensions	570 x 420 x 410 mm - 10.5 x 4.5 x 4 inch
weight, ready to use	35 kg - 77 lbs
temperature scale	-20°C - + 55°C



LF6 hydraulic hose (x2)

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



E500 hydraulic spreader

short arms spreader	ref. E500
maximum arms' opening	500 mm - 19.5 inch
maximum thrust	50 kN
dimensions	680 x 270 x 170 mm - 27 x 11 x 7 inch
weight	15.2 kg - 2.3 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	
jack's dimensions	495 x 78 x 240 mm - 19.5 x 3 x 10 inch	
jack's weight	10 kg - 22 lbs	
2 extensions	ref. R169	ref. R455
extension's dimensions	169 x 64 mm - 6.6 x 2.5 inch	455 x 64 mm - 18 x 2.5 inch
extension's weight	780 g - 1.7 lbs	2.3 kg - 5 lbs



ADVI jack right angle tool

dimensions	410 x H 260 x l 150 mm - 16 x 10 x 6 inch
weight	7.9 kg - 18 lbs



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 barre d'acier
transport handle	qty 1
service handle	oui
dimensions	675 x 247 x 235 mm - 26 x 10 x 9.5 inch
weight	13.3 kg - 2 st

LCHT2 heavy-duty work unit



LIBERVIT

ORANGEline



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