



**VT500.10/5**

hydraulic telescopic jack

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.



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 3 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.





# VT500.10/5 - telescopic jack

the VT500.10/5 telescopic hydraulic jack is frequently used to rescue road accident victims as well as during search & rescue operations.



## VT500.10/5



The VT500.10/5 is a telescopic hydraulic jack (max deployed length : 875 mm - 2.8 ft). The hydraulic jack has two stages telescopic hydraulic jack.

The VT500.10/5 telescopic hydraulic jack make it possible to lift heavy loads to carry out and rescue victims trapped under a collapsed structure or building, but also to create space to rescue victims from a damaged vehicles after road accidents.

The integrated check-valves to the service handle insure that even under a heavy load at maximum pressure the jack can still be disconnected from the hydraulic hose without risk. To work the hydraulic jack must be used with a LIBERVIT hydraulic power unit or hydraulic manual pump.

A hydraulic hose is needed to connect the tool to the hydraulic power unit or hydraulic manual pump.



on option, R169 & R455 extensions

### TECHNICAL CHARACTERISTICS

hydraulic telescopic jack	VT500.10/5
first stage thrust	100 kN
second stage thrust	49 kN
retracted length	495 mm - 1.6 ft
jack's stroke	380 mm - 1.2 ft
deployed length	875 mm - 2.8 ft
dimensions	495 x 78 x 240 mm - 19.5 x 3 x 10 inch
weight	10 kg - 22 lbs

### ACCESSORIES

small extension	on option, ref. R169
dimensions	169 x 64 mm - 6.6 x 2.5 inch
weight	780 g - 1.7 lbs
large extension	on option, ref. R455
dimensions	455 x 64 mm - 18 x 2.5 inch
weight	2.3 kg - 5 lbs
hydraulic coupling protection cap	on option, ref. BF
soft back-rack	on option, ref. CLS/VT380
PELICASE transport case	on option, ref. VDT/VT380



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> **ORDERS** : [orders@libervit.com](mailto:orders@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](mailto:courrier@libervit.com)  
[www.libervit.com](http://www.libervit.com)

