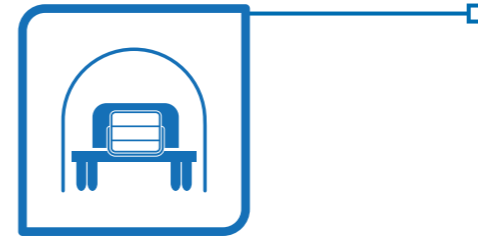






## **CTEB-LIFT 510 HR**

Characterized by its compact design combined with latest technology, **CTE B-LIFT 510 HR** is ideal to operate in areas which require performance excellence.

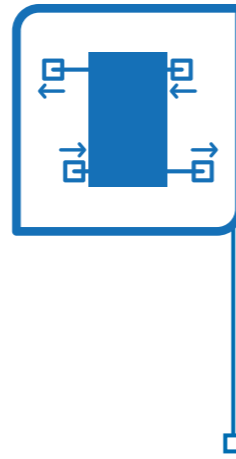


## **COMPACTNESS**

The design of **CTE B-LIFT 510 HR** platforms has been studied to enable access and transit even in confined spaces, thanks to its extreme compactness.

## VARIABLE STABILIZATION

With the variable stabilization, **CTE B-LIFT 510 HR** calculates the work area based on its stabilizers' positioning, with 4 different configurations: narrow jacking, extended only to the right, and left only or fully extended. The operator can stabilise the platform with a single movement and work well in an ergonomic position.



## TELESCOPIC STABILISERS

Ensure the best outreach performance so maintaining the highest safety levels.



## TURRET CONTROL STATION

From this workstation, the operator can maneuver the platform with an excellent visibility and working in complete safety.

## JIB

Secondary jib with 180° articulated joint as well as independent control system. Maximum capacity at maximum height.



## BASKET

The 2400x900x1100 mm Aluminium basket is hydraulically extendable to 3600 mm. It can reach a capacity up to 600 kg. Thanks to the basket rotation, **CTE B-LIFT 510 HR** can be used for underbridge maintenance works.





## VARIABLE OUTREACH

**CTE B-LIFT 510 HR** outreach varies according to selected load in basket and stabilisers position, so getting to work areas with extreme precision and with maximum basket capacity.



## DOUBLE WORKSTATION CONTROLS

The same layout of controls in the basket and on command console on the ground facilitates the operator in machine handling or testing.



## STABILITY AT HEIGHT

CTE B-LIFT 510 HR boom design ensures full operator stability in the basket.

## CLEAN TOP BOOM

In CTE B-LIFT 510 HR truck-mounted aerial platforms both the extension cylinder and the electrical and hydraulic systems are inside the arm, protected from weathering and debris.

The electrical system and catenary housed inside the arm are protected from getting caught up with other elements during operation.



## ORIENTABLE CABIN

The result of an ergonomic study. Complete with display, the operator is provided with a weatherproof workstation.

# TECHNICAL DATA

- Telescopic boom (4 elements: main boom + 3 extensions)
- Extra long main jib with double extension and 180° swivelling angle
- Secondary jib with 180° swivelling angle
- Hydraulic and electric supply fitted on cable carrier chain inside main boom and jib
- Automatic management system of secondary jib movements
- 570° slewing turret on bearing turntable and gearmotor with negative hydraulic brake
- Ground control station with remote umbilical cord controls
- Turret and basket control stations with multifunction integrated colour display
- Proportional electrohydraulic controls with simultaneous manoeuvres (ergonomic joysticks)
- Vehicle cab anticollision devices
- Automatic basket and boom centring device
- Automatic steady tangential speed management system
- Automatic return to transport position
- Intercom communication device integrated on control station
- Engine start/stop control from basket and ground
- Hydraulically extendable aluminium basket
- 90° Right + 90° Left hydraulic rotating basket
- Electronic basket levelling
- Automatic limiting device controlling outreach according to basket weight and stabiliser configuration
- Auxiliary stand-by electro-hydraulic power pack, supplied by truck battery
- Water or compressed air socket in the basket
- 230 V AC CE Electric socket in the basket
- Standard boom colours blue (RAL 5017) or white (RAL 9003)
- EN 280:2013 CE certified

## CTE S.p.A.

### Headquarter and Factory

7 Via Caproni  
Rovereto (TN) IT, 38068

**Ph.** +39 0464 48.50.50

**Fax** +39 0464 48.50.99

info@ctelift.com

[www.ctelift.com](http://www.ctelift.com)

### Factory

5 Loc. Terramatta  
Rivoli Veronese (VR) IT, 37010

### CTE UK Ltd

Enderby Leicestershire - UK



UNI EN ISO 9001:2008 IT 61659