



 TDAVIT® WINCHED

[REIDLIFTING.COM](http://REIDLIFTING.COM)

Our **TDAVIT** is lightweight, portable, and as well as a wide range of standard sizes can be custom-designed and manufactured to specifically meet our customers' individual needs. Truly pioneering, it offers a lifting capacity of up to 600kg and 360° rotation under a full load.

## Key features

- EN795:2012 Certified
- ATEX Certified
- Can support goods and personnel lifting;
  - Goods WLL of up to 600kg
  - Personnel WLL of up to 300kg
- Can be operated and assembled by one person, no tools required
- Can be rotated 360° under a full load
- Designed with a universal kingpin which is compatible for all REID sockets
- Clean, anodised finish for increased corrosion resistance
- A variety of attachments for a range of applications
- Engineered designs and bespoke sections reduce weight, providing lightweight portability

## Configurations

The **TDAVIT** is available in a range of configurations and can be customised in line with specific requirements (subject to WLL rating).

\*\*Refer to REID for further guidance



**600KG  
WLL**



**1 PERSON  
ASSEMBLY**



**CUSTOMISED  
& BAGGED**



**EN795  
CERTIFIED**



**ATEX  
CERTIFIED**

## Features & Performance

|                                                       | BEAM 0   | BEAM 1   | BEAM 2   | BEAM 3   | BEAM 4   |
|-------------------------------------------------------|----------|----------|----------|----------|----------|
| <b>Accreditations, Certifications &amp; Standards</b> |          |          |          |          |          |
| EN795:2012                                            | ✓        | ✓        | ✓        | ✓        | ×        |
| AS/NZS 5532:2013                                      | ✓        | ✓        | ✓        | ✓        | ×        |
| ATEX Certified [Zone 2]                               | ✓        | ✓        | ✓        | ✓        | ✓        |
| ATEX Certified [Zone 1]                               | Optional | Optional | Optional | Optional | Optional |
| IRATA                                                 | ✓        | ✓        | ✓        | ✓        | ×        |
| <b>Capacity</b>                                       |          |          |          |          |          |
| Maximum Goods Lifting [kg]                            | 600      | 500      | 500      | 375      | 300      |
| Maximum Personnel Lifting [kg]                        | 300      | 250      | 250      | 150      | ×        |
| Fall Arrest [Persons]                                 | 1        | 1        | 1        | 1        | ×        |
| <b>Dimensions</b>                                     |          |          |          |          |          |
| Maximum Reach [mm]                                    | 800      | 1000     | 1200     | 1600     | 2000     |
| Maximum Height of Lift [mm]                           | 2165     | 2240     | 2315     | 2460     | 2615     |
| <b>Socket Diameter</b>                                |          |          |          |          |          |
| 65mm                                                  | ✓        | ✓        | ✓        | ✓        | ✓        |
| <b>Socket Options</b>                                 |          |          |          |          |          |
| Top Mount                                             | ✓        | ✓        | ✓        | ✓        | ✓        |
| Flush Mount                                           | ✓        | ✓        | ✓        | ✓        | ✓        |
| Side Mount                                            | ✓        | ✓        | ✓        | ✓        | ✓        |
| Bridge Mount                                          | ✓        | ✓        | ✓        | ✓        | ✓        |
| Pedestal                                              | ✓        | ✓        | ✓        | ✓        | ✓        |
| Extension Post                                        | ✓        | ✓        | ✓        | ✓        | ✓        |
| <b>Standard Features</b>                              |          |          |          |          |          |
| Shackle Lifting points                                | ✓        | ✓        | ✓        | ✓        | ✓        |
| Component Weight < 25kg                               | ✓        | ✓        | ✓        | ✓        | ✓        |
| <b>Optional Extras</b>                                |          |          |          |          |          |
| Winch Capable                                         | ✓        | ✓        | ✓        | ✓        | ✓        |
| Rotational Handle                                     | ✓        | ✓        | ✓        | ✓        | ✓        |
| <b>Finishes</b>                                       |          |          |          |          |          |
| Anodised                                              | ✓        | ✓        | ✓        | ✓        | ✓        |
| 316SS Fixings                                         | Optional | Optional | Optional | Optional | Optional |
| Marine Spec                                           | Optional | Optional | Optional | Optional | Optional |

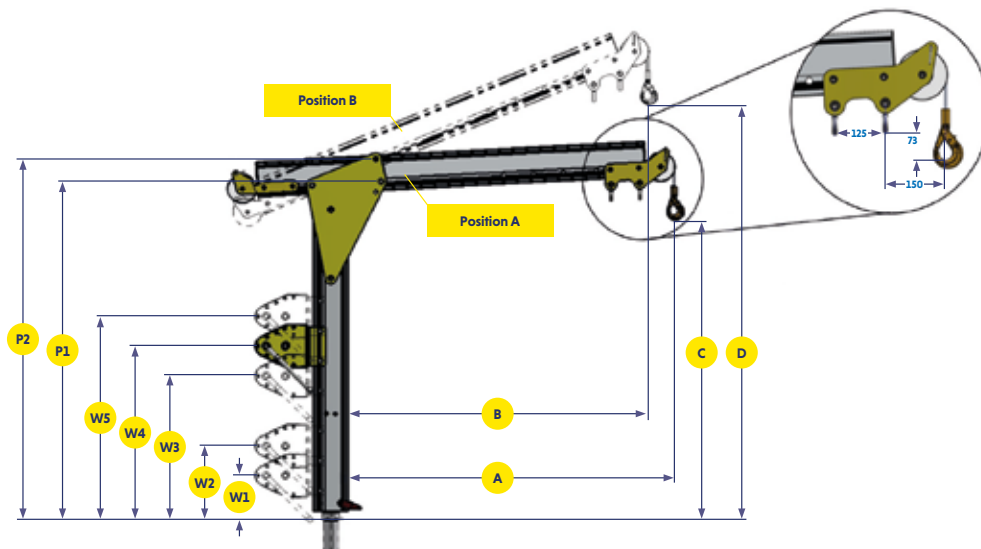
Dimensions in the table are approximate values. For more accurate details please refer to the Dimension Table.

All line items marked with a '✓' come as standard. All line items marked with a 'X' are not available.

All line items marked with 'optional' are available as an option and may incur additional costs.

# TDAVIT® WINCHED

- A** Radius | Position A
- B** Radius | Position B
- C** Height of Lift | Position A
- D** Height of Lift | Position B
- W1** Winch Position 1
- W2** Winch Position 2
- W3** Winch Position 3
- W4** Winch Position 4
- W5** Winch Position 5
- P1** Height of Pin Position 1
- P2** Height of Pin Position 2



| Product Code | Description                                            |
|--------------|--------------------------------------------------------|
| TDWA1A0TD2   | T-Davit Type W Column option 1 Beam option 0 WLL 600kg |
| TDWA1A1TD2   | T-Davit Type W Column option 1 Beam option 1 WLL 500kg |
| TDWA1A2TD2   | T-Davit Type W Column option 1 Beam option 2 WLL 500kg |
| TDWA1A3TD2   | T-Davit Type W Column option 1 Beam option 3 WLL 375kg |
| TDWA1A4TD2   | T-Davit Type W Column option 1 Beam option 4 WLL 300kg |
| TDWA2A0TD2   | T-Davit Type W Column option 2 Beam option 0 WLL 600kg |
| TDWA2A1TD2   | T-Davit Type W Column option 2 Beam option 1 WLL 500kg |
| TDWA2A2TD2   | T-Davit Type W Column option 2 Beam option 2 WLL 500kg |
| TDWA2A3TD2   | T-Davit Type W Column option 2 Beam option 3 WLL 375kg |
| TDWA2A4TD2   | T-Davit Type W Column option 2 Beam option 4 WLL 300kg |
| TDWA3A0TD2   | T-Davit Type W Column option 3 Beam option 0 WLL 600kg |
| TDWA3A1TD2   | T-Davit Type W Column option 3 Beam option 1 WLL 500kg |
| TDWA3A2TD2   | T-Davit Type W Column option 3 Beam option 2 WLL 500kg |
| TDWA3A3TD2   | T-Davit Type W Column option 3 Beam option 3 WLL 375kg |
| TDWA3A4TD2   | T-Davit Type W Column option 3 Beam option 4 WLL 300kg |
| TDWA4A0TD2   | T-Davit Type W Column option 4 Beam option 0 WLL 600kg |
| TDWA4A1TD2   | T-Davit Type W Column option 4 Beam option 1 WLL 500kg |
| TDWA4A2TD2   | T-Davit Type W Column option 4 Beam option 2 WLL 500kg |
| TDWA4A3TD2   | T-Davit Type W Column option 4 Beam option 3 WLL 375kg |
| TDWA4A4TD2   | T-Davit Type W Column option 4 Beam option 4 WLL 300kg |
| TDWA5A0TD2   | T-Davit Type W Column option 5 Beam option 0 WLL 600kg |
| TDWA5A1TD2   | T-Davit Type W Column option 5 Beam option 1 WLL 500kg |
| TDWA5A2TD2   | T-Davit Type W Column option 5 Beam option 2 WLL 500kg |
| TDWA5A3TD2   | T-Davit Type W Column option 5 Beam option 3 WLL 375kg |
| TDWA5A4TD2   | T-Davit Type W Column option 5 Beam option 4 WLL 300kg |

## > How To Specify A TDAVIT

Select a beam option from the table based on the radius you require. Each TDAVIT has two radius options A or B which is determined by the beam position [refer to the dimensional drawing on page 3].

Be aware that larger radius beams reduce the working load limit of the TDAVIT.

Select your column option from the dimensional table based on the height of lift you require. Column option 1 is our shortest standard column and option 5 is our tallest.

Should you need a greater height of lift, you can add a pedestal or socket extension, subject to restrictions [see socket overview for more information].

For our standard TDAVIT product codes refer to the product code list on page 3 for any custom requests please contact your REID representative.

To request a quote and any additional information on sockets or accessories such as winches and chain hoists, contact your local reseller or your REID representative.

TDW/DS/ENV/5/09/2021

| Column Option | Beam Option 0 |      | 1    |      | 2    |      | 3    |      | 4    |      | Weight [kg] | Winch Position | P1  | P2   |      |      |
|---------------|---------------|------|------|------|------|------|------|------|------|------|-------------|----------------|-----|------|------|------|
|               | Dimension     | A    | B    | A    | B    | A    | B    | A    | B    | A    |             |                |     |      | B    |      |
|               | Radius [mm]*  | 800  | 740  | 1000 | 925  | 1200 | 1110 | 1600 | 1485 | 2000 |             |                |     |      | 1855 |      |
|               | WLL [kg]      | 600  |      | 500  |      | 500  |      | 375  |      | 300  |             |                |     |      |      |      |
|               | Weight [kg]   | 11.5 |      | 12   |      | 13   |      | 16   |      | 19   |             |                |     |      |      |      |
|               | Dimension     | C    | D    | C    | D    | C    | D    | C    | D    | C    | D           |                |     |      |      |      |
|               | 1             | 800  | 1050 | 810  | 1125 | 820  | 1200 | 840  | 1345 | 860  | 1500        | 20             | W1  | 220  | 980  | 1080 |
|               |               |      |      |      |      |      |      |      |      |      |             |                | W2  | 320  |      |      |
|               | 2             | 980  | 1230 | 990  | 1305 | 1000 | 1380 | 1020 | 1525 | 1040 | 1680        | 21             | W1  | 220  | 1165 | 1265 |
|               |               |      |      |      |      |      |      |      |      |      |             |                | W2  | 320  |      |      |
|               |               |      |      |      |      |      |      |      |      |      |             | W3             | 675 |      |      |      |
| 3             | 1290          | 1540 | 1300 | 1615 | 1310 | 1690 | 1330 | 1835 | 1350 | 1990 | 23          | W1             | 220 | 1475 | 1575 |      |
|               |               |      |      |      |      |      |      |      |      |      |             | W2             | 320 |      |      |      |
|               |               |      |      |      |      |      |      |      |      |      |             | W3             | 675 |      |      |      |
|               |               |      |      |      |      |      |      |      |      |      |             | W4             | 775 |      |      |      |
|               |               |      |      |      |      |      |      |      |      |      |             | W5             | 875 |      |      |      |
| 4             | 1605          | 1855 | 1615 | 1930 | 1625 | 2005 | 1645 | 2150 | 1665 | 2305 | 25          | W3             | 675 | 1790 | 1890 |      |
|               |               |      |      |      |      |      |      |      |      |      |             | W4             | 775 |      |      |      |
|               |               |      |      |      |      |      |      |      |      |      |             | W5             | 875 |      |      |      |
| 5             | 1915          | 2165 | 1925 | 2240 | 1935 | 2315 | 1955 | 2460 | 1975 | 2615 | 28          | W5             | 875 | 2100 | 2200 |      |

\*Radii achieved at = 75% WLL

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