> TDAVIT SHACKLED

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 600 kg and $360^{\circ}$ rotation under a full load.

## Key features

EN795:2012 Certified
) ATEX Certified
Can support goods and personnel lifting;
> Goods WLL of up to 600 kg
> Personnel WLL of up to 300 kg
, Can be operated and assembled by one person, no tools required
) Can be rotated $360^{\circ}$ 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

Features \& Performance

|  | BEAM 0 | BEAM 1 | BEAM 2 | BEAM 3 | BEAM 4 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Accreditations, Certifications \& Standards |  |  |  |  |  |
| EN795:2012 | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\times$ |
| AS/NZS 5532:2013 | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\times$ |
| ATEX Certified [Zone 2] | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| ATEX Certified [Zone 1] | Optional | Optional | Optional | Optional | Optional |
| IRATA | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\times$ |
| Capacity |  |  |  |  |  |
| Maximum Goods Lifting [kg] | 600 | 500 | 500 | 375 | 300 |
| Maximum Personnel Lifting [kg] | 300 | 250 | 250 | 150 | $\times$ |
| Fall Arrest [Persons] | 1 | 1 | 1 | 1 | $\times$ |
| Dimensions |  |  |  |  |  |
| Maximum Reach [mm] | 650 | 850 | 1050 | 1450 | 1850 |
| Maximum Height of Lift [mm] | 2115 | 2290 | 2365 | 2510 | 2665 |
| Socket Diameter |  |  |  |  |  |
| 65mm | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Socket Options |  |  |  |  |  |


| Top Mount | $\checkmark$ | $\checkmark$ | $\checkmark$ |  |
| :--- | :--- | :--- | :--- | :--- |


| Flush Mount | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Side Mount | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Bridge Mount | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Pedestal | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Extension Post | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |

## Standard Feature

| Shackle Lifting points | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Component Weight $<25 \mathrm{~kg}$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |

Optional Extras

| Winch Capable | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Rotational Handle | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Finishes |  |  |  |  |  |
| Anodised | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| 316SS Fixings | Optional | Optional | Optional | Optional | Optional |
| Marine Spec | Optional | Optional | Optional | Optional | Optional |

A Radius | Position A
B Radius | Position B
C Height of Lift $\mid$ Position A
D Height of Lift | Position B
P1 Height of Pin Position 1
P2 Height of Pin Position 2


## Product Code Description

| TDSAIAOTD2 | T-Davit Type S Column option 1 Beam option 0 WLL 600 kg |
| :---: | :---: |
| TDSAlAITD2 | T-Davit Type S Column option 1 Beam option 1 WLL 500kg |
| TDSAlA2TD2 | T-Davit Type S Column option 1 Beam option 2 WLL 500kg |
| TDSAIA3TD2 | T-Davit Type S Column option 1 Beam option 3 WLL 375kg |
| TDSAIA4TD2 | T-Davit Type S Column option 1 Beam option 4 WLL 300kg |
| TDSA2AOTD2 | T-Davit Type S Column option 2 Beam option 0 WLL 600kg |
| TDSA2AITD2 | T-Davit Type S Column option 2 Beam option 1 WLL 500kg |
| TDSA2A2TD2 | T-Davit Type S Column option 2 Beam option 2 WLL 500kg |
| TDSA2A3TD2 | T-Davit Type S Column option 2 Beam option 3 WLL 375kg |
| TDSA2A4TD2 | T-Davit Type S Column option 2 Beam option 4 WLL 300 kg |
| TDSA3AOTD2 | T-Davit Type S Column option 3 Beam option 0 WLL 600kg |
| TDSA3AITD2 | T-Davit Type S Column option 3 Beam option 1 WLL 500kg |
| TDSA3A2TD2 | T-Davit Type S Column option 3 Beam option 2 WLL 500kg |
| TDSA3A3TD2 | T-Davit Type S Column option 3 Beam option 3 WLL 375kg |
| TDSA3A4TD2 | T-Davit Type S Column option 3 Beam option 4 WLL 300kg |
| TDSA4A0TD2 | T-Davit Type S Column option 4 Beam option 0 WLL 600 kg |
| TDSA4AlTD2 | T-Davit Type S Column option 4 Beam option 1 WLL 500kg |
| TDSA4A2TD2 | T-Davit Type S Column option 4 Beam option 2 WLL 500kg |
| TDSA4A3TD2 | T-Davit Type S Column option 4 Beam option 3 WLL 375kg |
| TDSA4A4TD2 | T-Davit Type S Column option 4 Beam option 4 WLL 300kg |
| TDSA5AOTD2 | T-Davit Type S Column option 5 Beam option 0 WLL 600 kg |
| TDSA5AlTD2 | T-Davit Type S Column option 5 Beam option 1 WLL 500kg |
| TDSA5A2TD2 | T-Davit Type S Column option 5 Beam option 2 WLL 500kg |
| TDSA5A3TD2 | T-Davit Type S Column option 5 Beam option 3 WLL 375kg |
| TDSA5A4TD2 | T-Davit Type S 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 further 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


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