

Jib Cranes

17.1 TD Winched



VINCA
EQUIPOS INDUSTRIALES

REID
LIFTING
Official Partner

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**

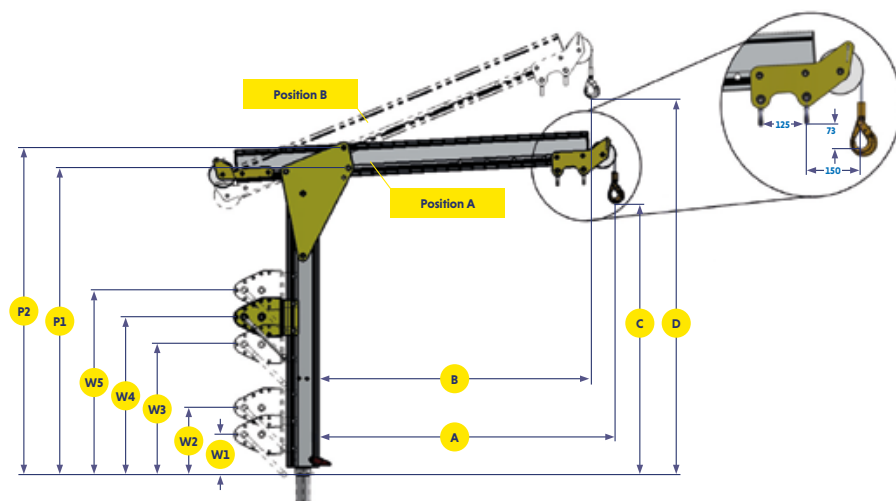
Features & Performance

	BEAM 0	BEAM 1	BEAM 2	BEAM 3	BEAM 4
Accreditations, Certifications & Standards					
EN795:2012	✓	✓	✓	✓	×
AS/NZS 5532:2013	✓	✓	✓	✓	×
ATEX Certified [Zone 2]	✓	✓	✓	✓	✓
ATEX Certified [Zone 1]	Optional	Optional	Optional	Optional	Optional
IRATA	✓	✓	✓	✓	×
Capacity					
Maximum Goods Lifting [kg]	600	500	500	375	300
Maximum Personnel Lifting [kg]	300	250	250	150	×
Fall Arrest [Persons]	1	1	1	1	×
Dimensions					
Maximum Reach [mm]	800	1000	1200	1600	2000
Maximum Height of Lift [mm]	2165	2240	2315	2460	2615
Socket Diameter					
65mm	✓	✓	✓	✓	✓
Socket Options					
Top Mount	✓	✓	✓	✓	✓
Flush Mount	✓	✓	✓	✓	✓
Side Mount	✓	✓	✓	✓	✓
Bridge Mount	✓	✓	✓	✓	✓
Pedestal	✓	✓	✓	✓	✓
Extension Post	✓	✓	✓	✓	✓
Standard Features					
Shackle Lifting points	✓	✓	✓	✓	✓
Component Weight < 25kg	✓	✓	✓	✓	✓
Optional Extras					
Winch Capable	✓	✓	✓	✓	✓
Rotational Handle	✓	✓	✓	✓	✓
Finishes					
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/EN/V5/09/2021

Beam Option		0		1		2		3		4					
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	Weight [kg]	Winch Position		P1	P2
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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Other products of the VINCA group



- **Bridge Cranes**

- Monorail, Double Girder, Light Crane or Bridge Crane Kit

- **Gantry Cranes**

- Automotive Gantry Cranes, Lightweight Gantry

- **Rotating Booms**

- Portable, Manual, Motorized, Column

- **Winches**

- Electric, manual, drill operated

- **Hoists**

- Manual, Pneumatic, Chain Electric, Cable Electric

- **Accessories for Bridge Cranes**

- Claws, Hooks, Spreader
- Dynamometers
- Turner / Tilter ü Radio Controls

- **Carts**

- **Forklifts and Vertical Lifters**

- Mixed lifts
- Automatic Lifts
- Lifts (PLT)
 - Single Frame, Double Frame

- **Scissors Lifting Tables**

- Standard, Reinforced, Electromechanical, Special
- Lifts for working at height

- **Loading Docks**

- Loading Dock Shelters
- Loading Ramps
- Mobile Ramps (RMC), Automatic, Adjustable
- Safety Equipment
 - Vehicle Immobilizers, DOK-GUARDIAN Safety Barriers, Spotlights, Trailer Stands.

- **Industrial Doors**

- Flexible Doors, Fast, Refrigerated, White Rooms, Sectionals, Firewalls.
- Gates and Locks

- **Turners, Inverters and Levelers**

- Pallet Inverter INVERTER ü NIVELMATIC Levelers
- Tilters INCLINATOR
- Tilters
- SKIPS for Transvases

- **Industrial Load Handler**

- Hook Manipulators VACU-LIFT ü Vacuum Manipulators
- Weightless Manipulators ü Mobile Lifts
- Suspension Systems

- **Industrial Fans**

- **Mobile Power Lines**

- **SAT Service**

- Maintenance, Repair



ATEX finish of the equipment on request



Official Partner

BARCELONA

Tel 93 635 61 20

Fax 93 635 61 30

info@vinca.es

MADRID

Tel: (+34) 616 91 69 82

madrid@vinca.es

VALENCIA

Tel: (+34) 647 817 537

valencia@vinca.es

GALICIA

Tel: (+34) 648 923 832

galicia@vinca.es

C/ Técnica, 39

Pol. Ind. Torre Bovera

08740 St. Andreu de la Barca

BARCELONA

www.vinca.es

