



 TDAVIT® TDT

Integrated Geared Trolley Variant

➤ Product Overview

Our **TDAVIT®- TDT** is lightweight, portable and has been designed to meet customer needs where the lifting and moving of equipment in tight spaces is a challenge.

A truly unique product, it offers a lifting capacity of up to 400kg in combination with a geared trolley which is able to traverse the beam, in addition to 360 degree rotation under load.

It is very well suited to plant rooms, engine rooms and kiosks or any area where space is a premium and flexibility in lifting, traversing and moving loads is needed.

Configurations

The **TDT** is available in several standard configurations to meet with customers most common requirements. Custom solutions can be offered by request, subject to the working load limit requirements.

Key features

- A range of 3 column and 4 beam sizes to suit customer specific needs
- Variable beam traversing via integrated geared trolley and customers choice of hoist
- Trolley can be secured during lift
- Trolley can be traversed whilst under load (865mm to 1665mm of movement)
- Rotation under load due to patented integral bearing system
- Universal kingpin fits all REID sockets
- Manufactured from marine grade alloy and anodised/powder coated for increased corrosion resistance
- Quality engineering and production parts reduce weight and provide high strength to weight ratios
- Two piece design to reduce manual handling concerns during transportation and assembly
- ATEX Zone 2 (explosive atmospheres) certification as standard
- ATEX Zone 1 (explosive atmospheres) as optional upgrade
- Can be assembled and operated by one person. No tools required



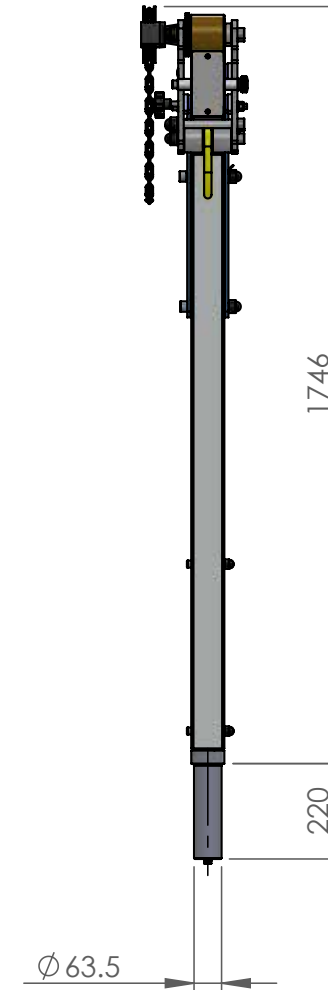
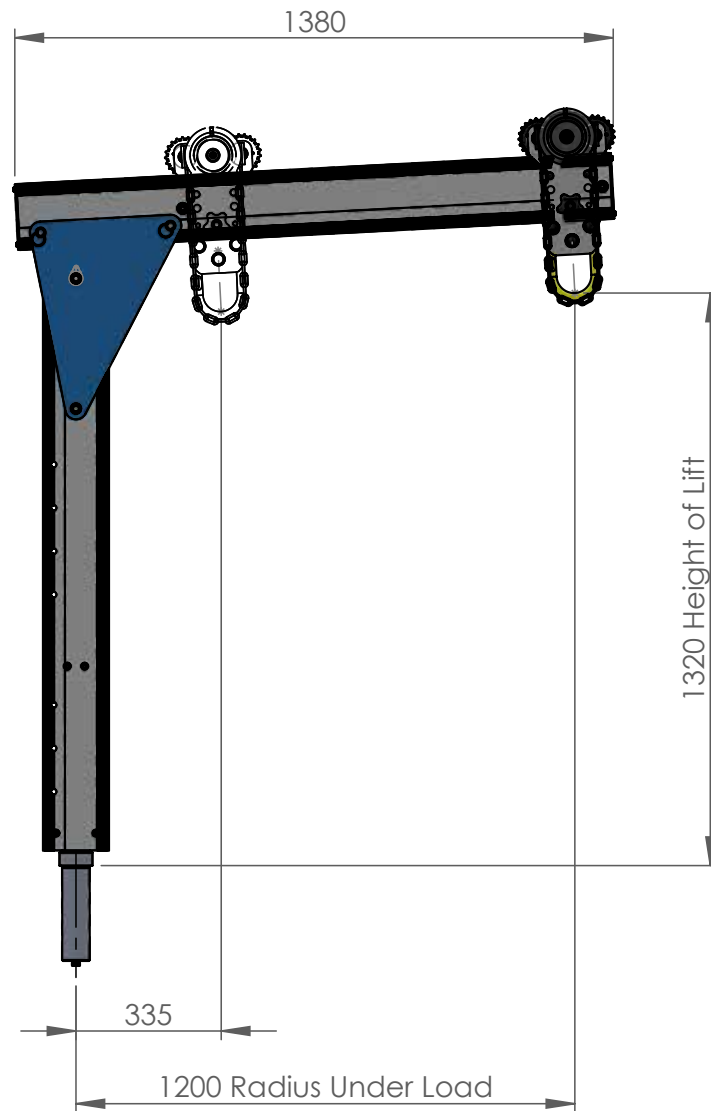
The **TDT** can be combined with many proprietary manual hand chain hoists. Suitable hoists are available from REID Lifting and can be combined with the product to provide a holistic lifting solution or can be purchased via our network of resellers operating in your area.

Features & Performance

	1200	1500	1700	2000
Accreditations, Certifications & Standards				
Directive 2006/42/EC	✓	✓	✓	✓
ATEX Certified [Zone 1]	Optional	Optional	Optional	Optional
Capacity				
Max Goods Lifting (kg)	400	200	150	150
Dimensions				
Maximum Reach (mm)	1200	1500	1700	2000
Maximum Height of Lift (mm)	1945	1960	1971	1986
Socket Diameter				
65mm	✓	✓	✓	✓
Socket Options				
Top Mount	✓	✓	✓	✓
Flush Mount	✓	✓	✓	✓
Side Mount	✓	✓	✓	✓
Bridge Mount	✓	✓	✓	✓
Pedestal	✓	✓	✓	✓
Standard Features				
Component Weight < 25kg	✓	✓	✓	✓
Geared Trolley	✓	✓	✓	✓
Finishes				
Anodised	✓	✓	✓	✓
316SS Fixings	Optional	Optional	Optional	Optional
Marine Spec	Optional	Optional	Optional	Optional



► Technical Information



Dimensions shown reflect a single variant, not entire range.

Below is a list of standard **TDT** variants, available from stock.

Custom sizes are available if required, subject to limitations.

For more information, please email our team at: enquiries@reidlifting.com

Part Numbers and Key Metrics

Part Number	Description	≈ effort on handchain to move trolley under load	Max WLL (Capacity) kg	Overall Davit Height (from Top of Socket) mm	"Max Height of Lift mm"	"Overall Beam Length mm"	"Max Radius mm"	"Max Radius mm"	"Range of Trolley Travel mm"
TDTA51200	T-Davit Type T Column 5 Radius 1200mm WLL400kg	10-15 kg	400	2371	1945	1380	1200	335	865
TDTA51500	T-Davit Type T Column 5 Radius 1500mm WLL400kg	10-15 kg	400	2385	1960	1658	1500	335	1165
TDTA51700	T-Davit Type T Column 5 Radius 1700mm WLL200kg	5-10kg	200	2397	1971	1875	1700	335	1365
TDTA52000	T-Davit Type T Column 5 Radius 2000mm WLL200kg	5-10kg	200	2412	1986	2157	2000	335	1665

TDTA41200	T-Davit Type T Column 4 Radius 1200mm WLL400kg	10-15 kg	400	2061	1635	1380	1200	335	865
TDTA41500	T-Davit Type T Column 4 Radius 1500mm WLL400kg	10-15 kg	400	2075	1650	1658	1500	335	1165
TDTA41700	T-Davit Type T Column 4 Radius 1700mm WLL200kg	5-10kg	200	2087	1661	1875	1700	335	1365
TDTA42000	T-Davit Type T Column 4 Radius 2000mm WLL200kg	5-10kg	200	2102	1676	2157	2000	335	1665

TDTA31200	T-Davit Type T Column 3 Radius 1200mm WLL400kg	10-15 kg	400	1746	1320	1380	1200	335	865
TDTA31500	T-Davit Type T Column 3 Radius 1500mm WLL400kg	10-15 kg	400	1760	1335	1658	1500	335	1165
TDTA31700	T-Davit Type T Column 3 Radius 1700mm WLL200kg	5-10kg	200	1772	1346	1875	1700	335	1365
TDTA32000	T-Davit Type T Column 3 Radius 2000mm WLL200kg	5-10kg	200	1787	1361	2157	2000	335	1665

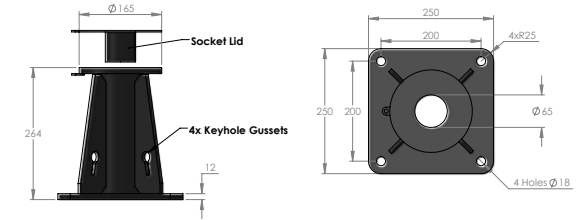
> Sockets

> Top Mount Socket



Product Code	Description	Material	Weight [kg]
STMG0500V2	Socket Top Mount 65 GMS	Galvanised Steel	13
STMS0500V2	Socket Top Mount 65 316SS	Stainless Steel	17
STMA0500	Socket Top Mount 65 Aluminium Natural Anodised	Aluminium	9

- > **Key features**
 - > Secured using 4nr. M16 anchors [not supplied]
 - > Suitable for resin fixing in concrete or through fixing in other substrates

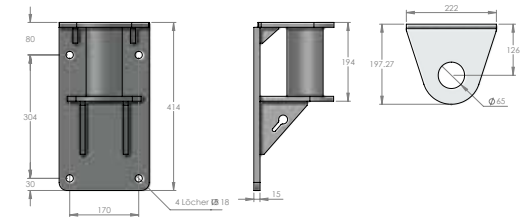


> Side Mount Socket



Product Code	Description	Material	Weight [kg]
SSMG0500V2	Socket Side Mount 65 GMS	Galvanised Steel	13
SSMS0500V2	Socket Side Mount 65 316SS	Stainless Steel	17
SSMA0500	Socket Side Mount 65 Aluminium Natural Anodised	Aluminium	6

- > **Key features**
 - > Secured using 4nr. M16 anchors [not supplied]
 - > Suitable for mounting on the side of concrete or steel structures
 - > A brace plate can be supplied for thin-walled concrete

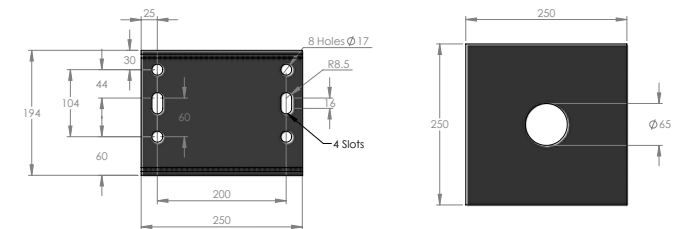


> Bridge Mount Socket



Product Code	Description	Material	Weight [kg]
SBMG0500	Socket Bridge Mount 65 GMS	Galvanised Steel	19
SBMS0500	Socket Bridge Mount 65 316SS	Stainless Steel	19
SBMA0500	Socket Bridge Mount 65 Aluminium Natural Anodised	Aluminium	7

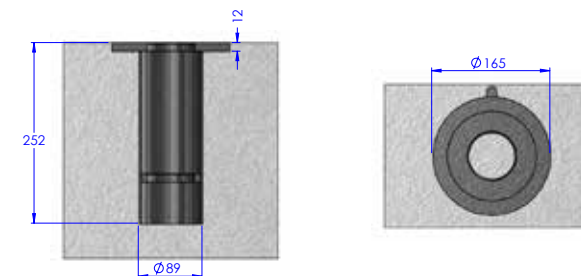
- > **Key features**
 - > Secured using 4nr. M16 anchors (not supplied)
 - > Suitable for bolting into steel structures
 - > Designed to fit open mesh grating or flush with structural steel work



> Flush Mount Socket



Product Code	Description	Material	Weight [kg]
SFMG0500	Socket Flush Mount 65 GMS	Galvanised Steel	5
SFMS0500	Socket Flush Mount 65 316SS	Stainless Steel	4
SFRG0500	Socket Flush Mount Resin Bond 65 GMS	Galvanised Steel	5
SFRS0500	Socket Flush Mount Resin Bond 65 316SS	Stainless Steel	4



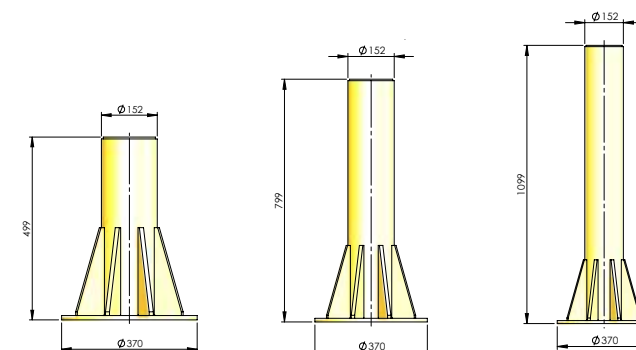
- > **Key features**
 - > Suitable for resin fixing in concrete
 - > Complete with cover and re-bars, for casting into concrete

> Flush Pedestals



Product Code	Description	Material	Weight [kg]
SP0500-0500	Socket Pedestal 65 500mm	Aluminium	17
SP0500-0800	Socket Pedestal 65 800mm	Aluminium	19
SP0500-1100	Socket Pedestal 65 1100mm	Aluminium	19




- > **Key features**
 - > Suitable for use with 65mm kingpin
 - > Secured using 4nr. M16 or M20 anchors [not supplied]




Contact Us

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