

Jib Cranes

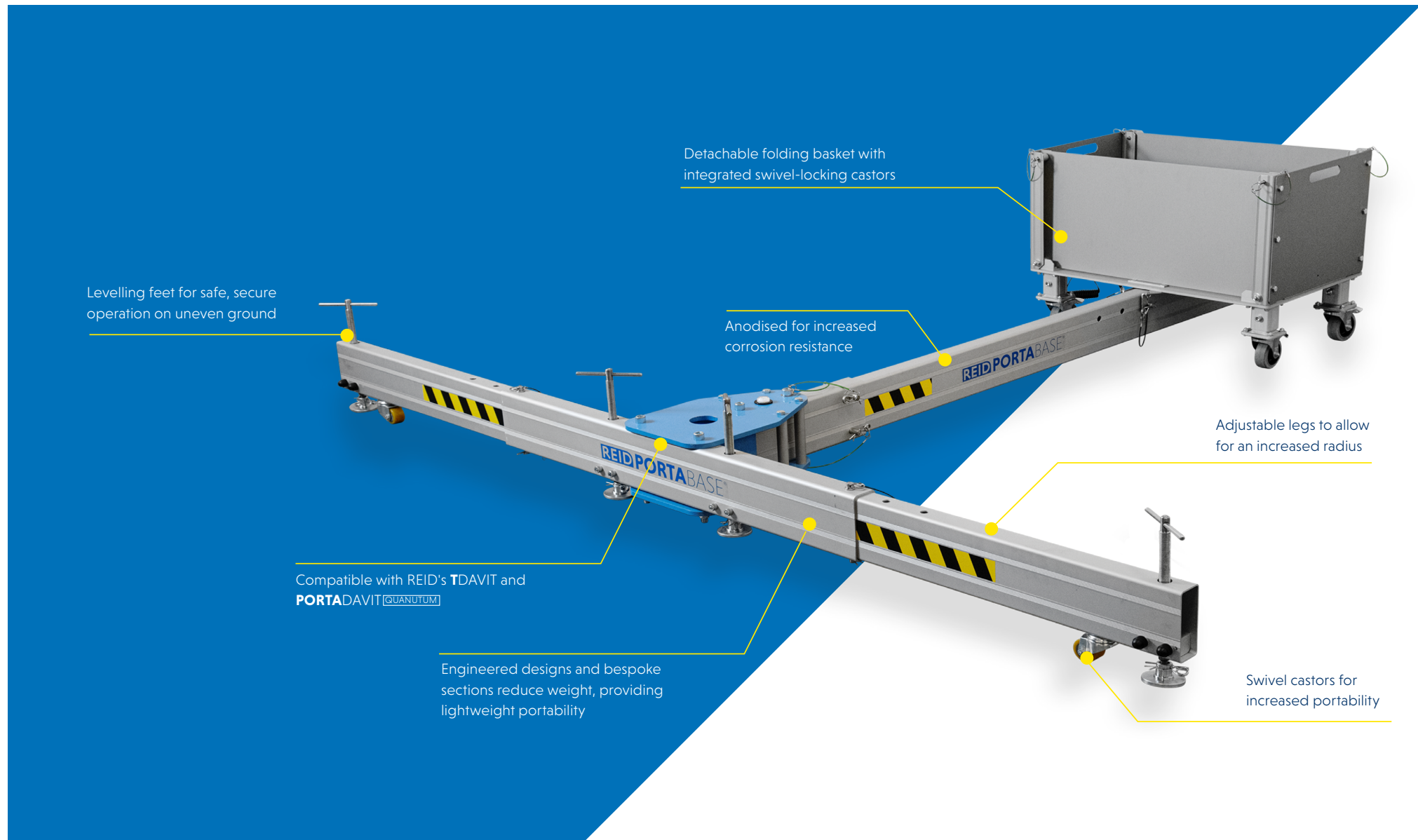
17.1 Porta Base Counterbalance



VINCA
EQUIPOS INDUSTRIALES



Porta Base Counterbalance



The **PORTABASE** Counterbalance is a five piece, portable system which can be easily broken down for transportation. The product is quick and easy to set up with no tools required.

The system is compatible with the **TDAVIT** and **PORTADAVIT** QUANTUM providing maximum flexibility where the installation or use of a fixed socket is not possible. The **PORTABASE** Counterbalance enables our Davit products to be used for lifting goods up to 600kg, as well as providing access and egress for confined space and work at height tasks, including as an anchor point for fall arrest scenarios.

Key features

- EN795:2012 Certified
- Can support goods and personnel lifting;
 - Goods WLL of up to 600kg
 - Personnel WLL of up to 300kg
- Breaks down in to 5 components for ease of transportation and stowage
- Designed for ease of assembly using pins, with no bolted sections or the need for tools
- Detachable legs and foldable basket for ease of transportation
- Levelling feet designed to support the system to function correctly on uneven ground
- Integrated swivel castors, as standard
- Compatible with the use of **TDAVIT** and **PORTADAVIT** QUANTUM
- Clean, anodised finish for increased corrosion resistance
- Uses 20kg hand weights for the basket, reducing manual handling risks
- Engineered designs and bespoke sections reduce weight, providing lightweight portability

Configurations

Height adjustable feet can be fitted to the **PORTABASE** Counterbalance basket, providing an adjustment of 230mm. For more information contact REID.



**600KG
WLL**



**1-2 PERSON
ASSEMBLY**



**5 MANAGEABLE
COMPONENTS**



**EN795
CERTIFIED**

Features & Performance

COUNTERBALANCE

Accreditations, Certifications & Standards

EN795:2012	✓
ANSI Z359.18-17	✓
ATEX Certified [Zone 2]	Optional
IRATA	✓

Capacity

Maximum Goods Lifting [kg]	600
Maximum Personnel Lifting [kg]	300
Fall Arrest [Persons]	1
Maximum Radius [mm]	1200

Dimensions

Minimum Base Width [mm]	2320
Maximum Base Width [mm]	2720
Minimum Base Height [mm]	240
Maximum Base Height [mm]	332
Overall Length [mm]	2415

Compatible Products

Porta Davit Quantum [Restricted]	✓
Porta Davit Quantum [1]	✓
Porta Davit Quantum [2]	x
T Davit [Shackled]	✓
T Davit [Winched]	✓
T Davit [Double Winched]	✓

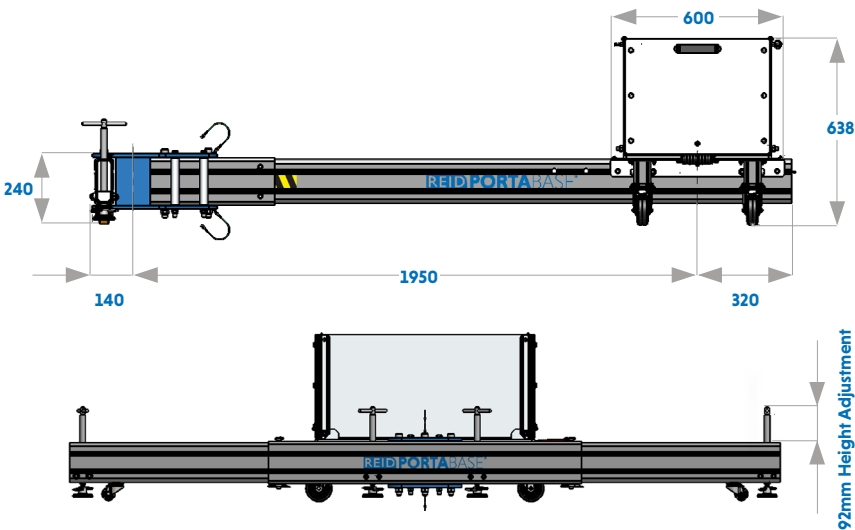
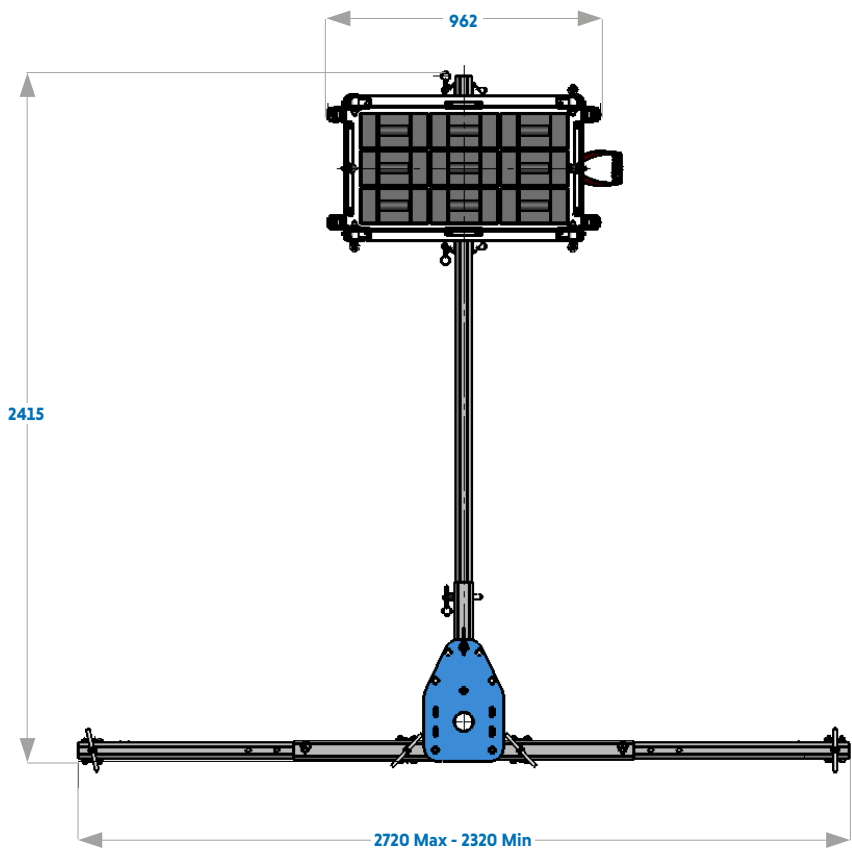
Features

Levelling Feet	✓
Individual Component Weight < 25kg	✓
No Tools Required	✓
Swivel Castors	✓
Basket Height Adjustable Feet	Optional

Finishes

Anodised / Powder Coated	✓
316SS Fixings	Optional
Marine Spec	Optional

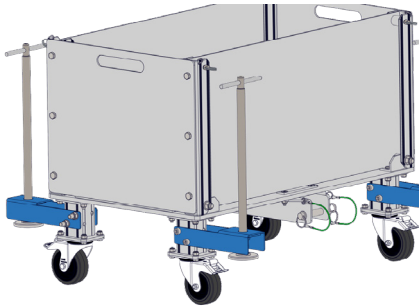
PortaBase Counterbalance - Dimensions



Dimensions

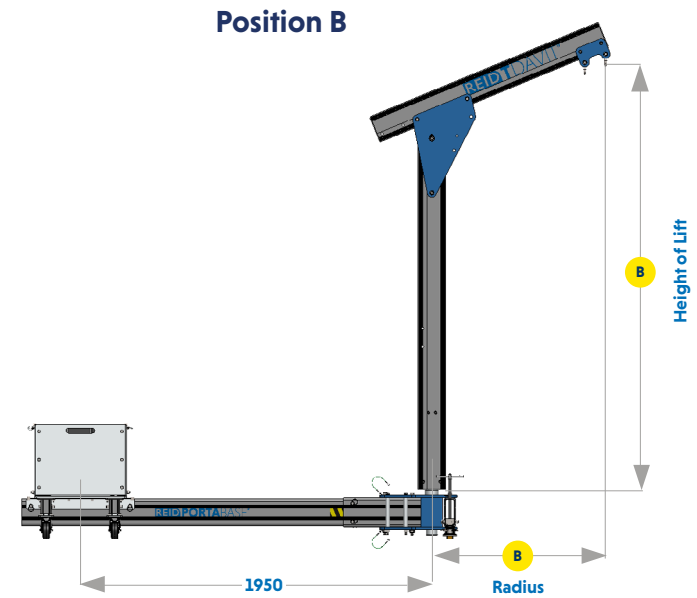
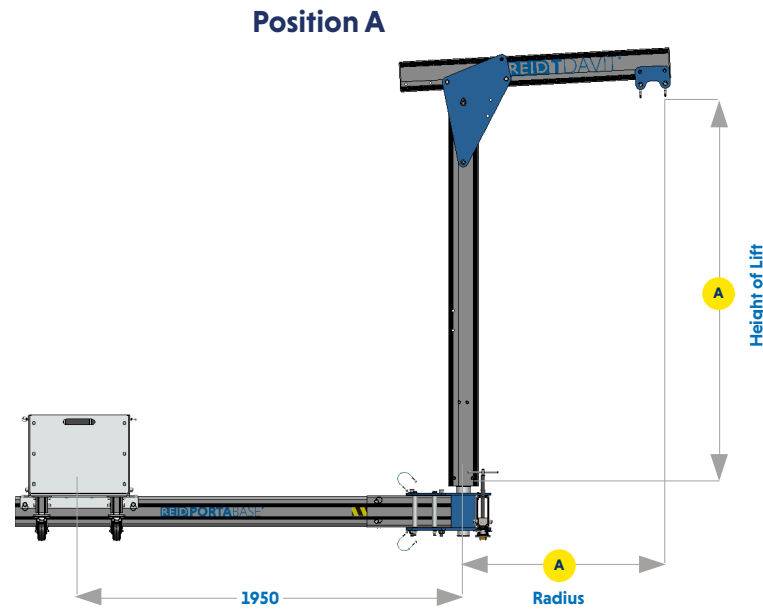
Component	Weight [kg]
Central Hub	24kg
Leg Assembly [Each]	5kg
Tail	6kg
Basket [Empty]	38kg
Total Weight	78kg

Product Code	Description
PBCB00001	Porta Base Counterbalance Standard - Max 1200mm Radius
RAHW00001	Hand Weight [1 x 20kg]
RAHW00003	360kg Hand Weight Set [18 x 20kg]
RAHW00004	540kg Hand Weight Set [27 x 20kg]
RAPBCB0001	Porta Base Counterbalance Basket Height Adjustment Kit



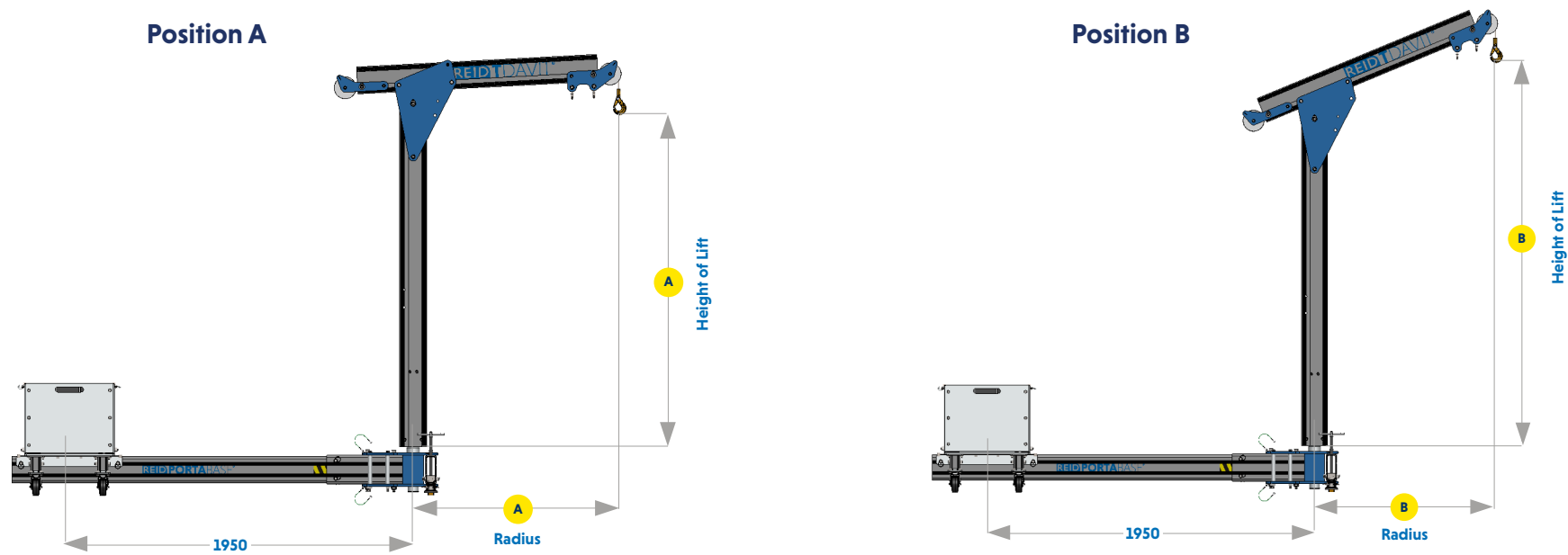
A height adjustment kit can be fitted to the basket, providing an adjustment of 230mm.

PortaBase Counterbalance - TDavit Shackled



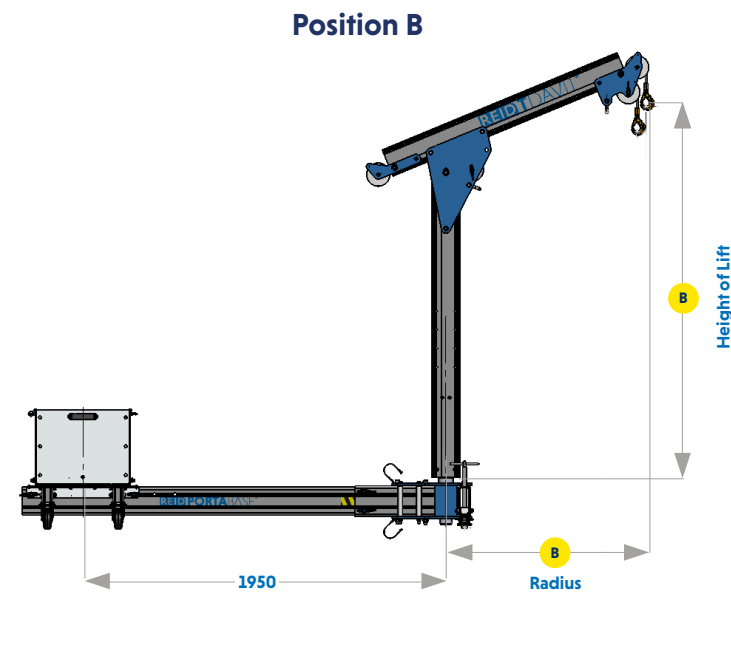
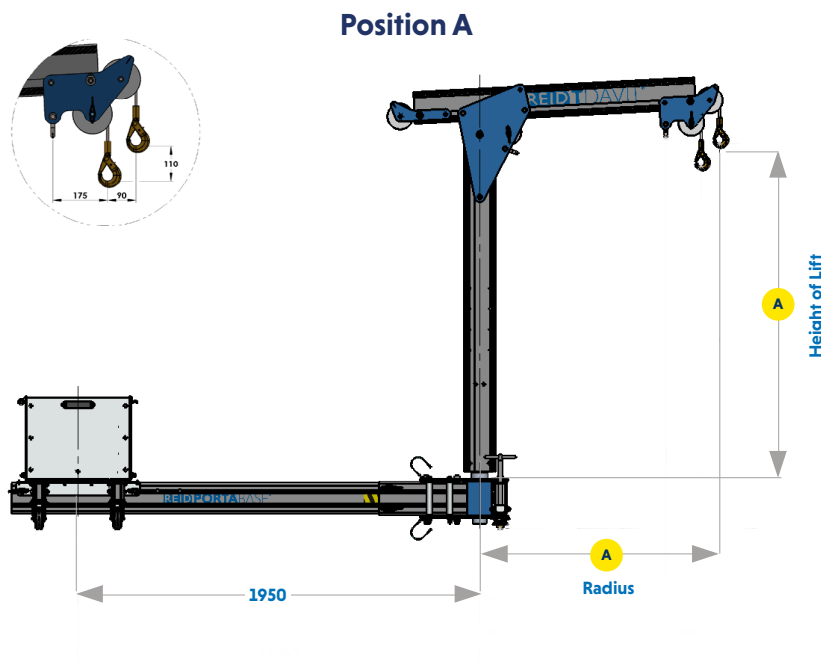
PRODUCT CODE	HEIGHT OF LIFT (HOL) (MM)		RADIUS (MM)		WLL			WEIGHT (KG)
	Position A	Position B	Position A	Position B	Goods [kg]	Personnel [kg]	Fall Arrest	
TDSA3A0	1402	1640	650	620	600	300	1 person	32
TDSA3A1	1402	1714	850	775	500	250	1 person	33
TDSA3A2	1402	1790	1050	960	400	200	1 person	34
TDSA4A0	1717	1955	650	620	600	300	1 person	34
TDSA4A1	1717	2029	850	775	500	250	1 person	35
TDSA4A2	1717	2105	1050	960	400	200	1 person	36
TDSA5A0	2027	2265	650	620	600	300	1 person	37
TDSA5A1	2027	2339	850	775	500	250	1 person	38
TDSA5A2	2027	2415	1050	960	400	200	1 person	39

PortaBase Counterbalance - TDavit Winched



PRODUCT CODE	HEIGHT OF LIFT (HOL) (MM)		RADIUS (MM)		WLL			WEIGHT (KG)
	Position A	Position B	Position A	Position B	Goods [kg]	Personnel [kg]	Fall Arrest	
TDWA3A0	1329	1567	800	706	600	300	1 person	34
TDWA3A1	1329	1641	1000	925	500	250	1 person	35
TDWA3A2	1329	1717	1200	1110	400	200	1 person	36
TDWA4A0	1644	1882	800	706	600	300	1 person	36
TDWA4A1	1644	1956	1000	925	500	250	1 person	37
TDWA4A2	1644	2032	1200	1110	400	200	1 person	38
TDWA5A0	1954	2192	800	706	600	300	1 person	39
TDWA5A1	1954	2266	1000	925	500	250	1 person	40
TDWA5A2	1954	2342	1200	1110	400	200	1 person	41

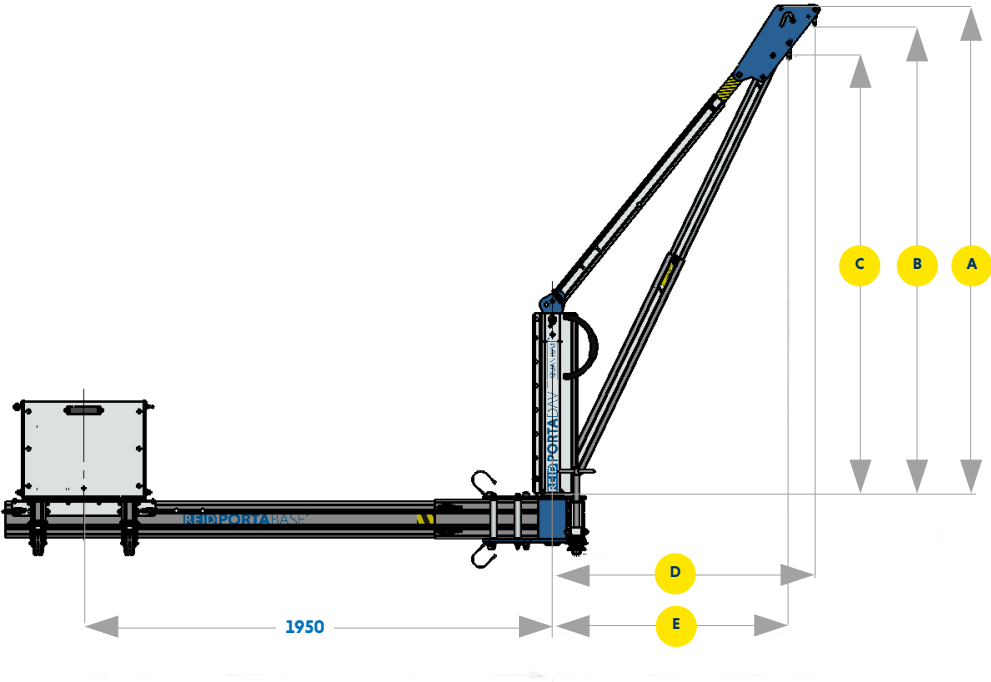
PortaBase Counterbalance - TDavit Double Winched



PRODUCT CODE	HEIGHT OF LIFT (HOL) (MM)		RADIUS (MM)		WLL			WEIGHT (KG)
	Position A	Position B	Position A	Position B	Goods [kg]	Personnel [kg]	Fall Arrest	
TDDWA3A0	1329	1641	800	706	600	300	1 person	34
TDDWA3A1	1329	1717	1000	925	500	250	1 person	35
TDDWA3A2	1329	1870	1200	1110	400	200	1 person	36
TDDWA4A0	1644	1956	800	706	600	300	1 person	36
TDDWA4A1	1644	2032	1000	925	500	250	1 person	37
TDDWA4A2	1644	2185	1200	1110	400	200	1 person	38
TDDWA5A0	1954	2266	800	706	600	300	1 person	39
TDDWA5A1	1954	2342	1000	925	500	250	1 person	40
TDDWA5A2	1954	2495	1200	1110	400	200	1 person	41

PortaBase Counterbalance - PortaDavit Quantum

- A Overall height
- B Height to outer shackle
- C Height to inner shackle
- D Radius to outer shackle
- E Radius to inner shackle



PRODUCT CODE	GOODS WLL (KG)	PERSONNEL WLL (KG)	FALL ARREST	RADIUS ADJUSTMENT POINTS	DIMENSIONS (MM)				
					A	B	C	D*	E*
PDQRW	600	300	1 person	1	2150	2078	1928	800	700
PDQ1W PDQ1S	400	200	1 person	1	2007	1935	1799	1200	1100
	450	225		2	2061	1989	1848	1100	1000
	500	250		3	2111	2039	1892	1000	900

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

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