

ALUMI-LITE® DAVIT CRANE

Individually tested and certified at 125% W.L.L

OZA500DAV, OZA1000DAV



Ultra lightweight & portable

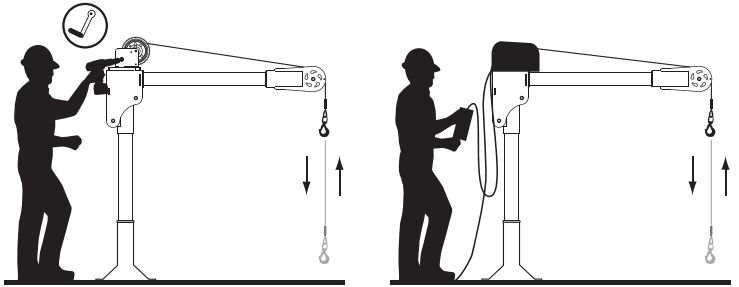
500 lbs. and 1,000 lbs. Capacity

Features

- Lightweight aerospace grade aluminum construction
- 360 degree rotation
- 3 different boom height adjustments
- Durable powder coat finish
- Truly Portable Design
- One-Person Assembly (No Tools Needed)
- Manual Din rated CE winch with brake (Includes power drill adaptor)
- AC & DC winch options

OZA5000DAV shown with optional OZPED3 Pedestal base and OZGAL.19-50B galvanized wire rope assembly and OZHB10 headache ball
Bases, cable assemblies and headache ball sold separately

Options for faster lowering and raising



Manual winch w/drill drive adapter

AC and DC power winches available

Weight

Weight (excluding winch)	Boom	Mast	Net
OZA500DAV (lbs)	12	12	24
OZA1000DAV (lbs)	25	22	47

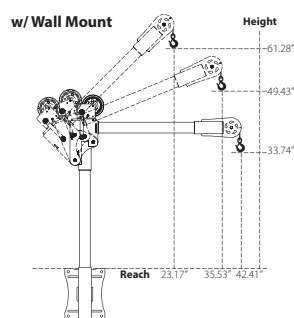
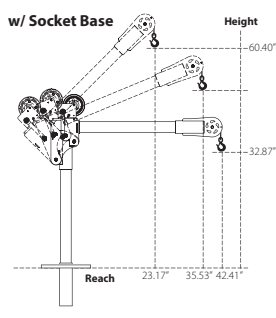
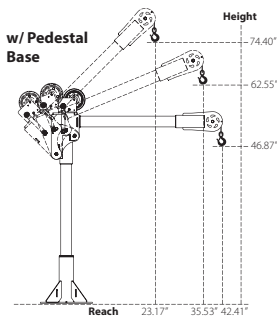
WIRE/SYNTHETIC ROPE ASSEMBLIES

(sold separately) Custom length available.

Manual winch: 3/16" - 80 ft max. lift length
AC/DC Electric Winch: 3/16" - 90 ft max. lift length

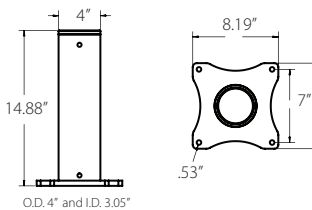
See wire & synthetic rope assembly options on page 3

OZA500DAV DIMENSIONS

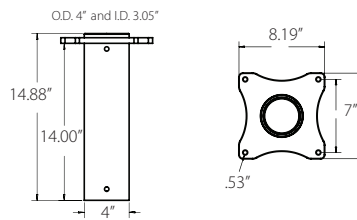


OZA500DAV BASES (sold separately) Comes with mounting template.

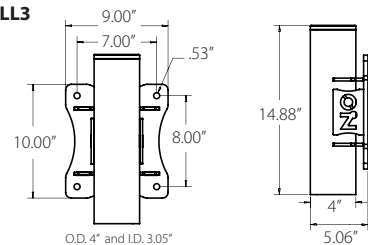
OZPED3



OZSOC3



OZWALL3

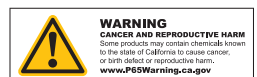


Dimensions and illustrations are for reference only and subject to change without notice.

OZA500DAV Load Ratings (lbs.)

Based on 3/16" wire rope

	1st. Layer	Mid. Drum	Full Drum
Position 1 (0°)	275	275	275
Position 2 (+22.5°)	330	330	330
Position 3 (+45°)	500	500	500





OZA1000DAV-ACW shown with optional OZPED1-TP Pedestal base and OZSR.19-50 synthetic rope assembly and OZHB10 headache ball
 Bases, cable assemblies and headache ball sold separately

WIRE/SYNTHETIC ROPE ASSEMBLIES
 (sold separately) Custom length available.

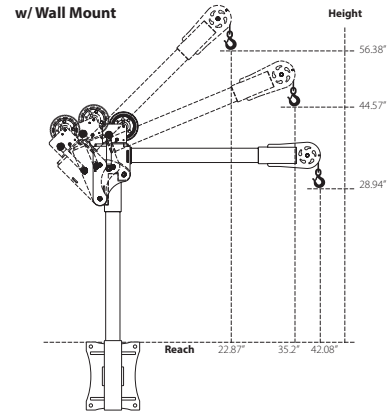
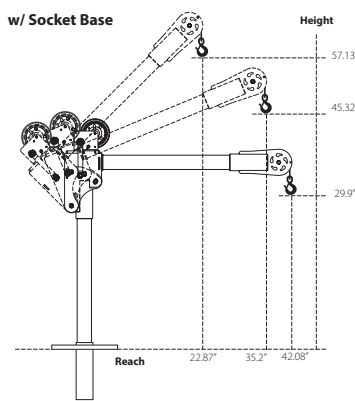
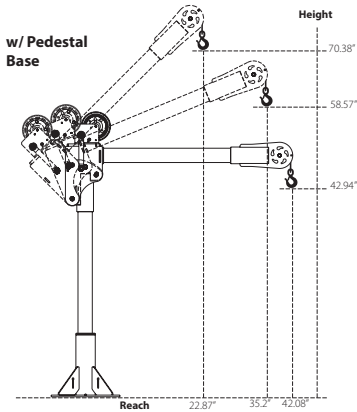
Manual winch: 1/4" - 55ft max. lift length
AC/DC Electric Winch: 1/4" - 45ft max. lift length
See wire & synthetic rope assembly options on page 3

OZA1000DAV Load Ratings (lbs.)

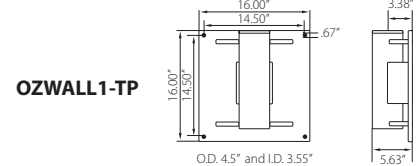
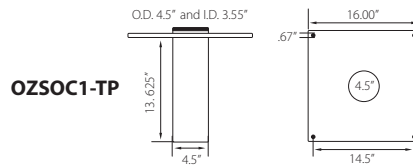
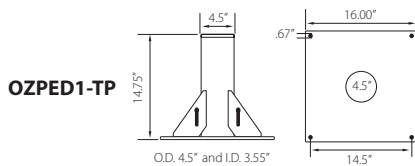
Based on 1/4" wire or 3/16" Ultrtex synthetic rope

	1st. Layer	Mid. Drum	Full Drum
Position 1 (0°)	550	550	550
Position 2 (+22.5°)	650	650	550
Position 3 (+45°)	1000	875	550

OZA1000DAV DIMENSIONS



OZA1000DAV BASES (sold separately) Comes with mounting template.



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WIRE/SYNTHETIC ROPE ASSEMBLIES

Steel Wire Rope (For manual winch)

OZGAL.19-80B	3/16" x 80'	Galvanized cable assembly
OZSS.19-80B	3/16" x 80'	Stainless steel cable assembly
OZGAL.25-55B	1/4" x 55'	Galvanized cable assembly
OZSS.25-55B	1/4" x 55'	Stainless steel cable assembly

Above cable assemblies come with swaged ball and swivel hook with latch.

Custom cable length available.

3/16" - 80 ft max. length • 1/4" - 55ft max. length

Steel Wire Rope (For manual and power winch)

OZGAL.19-90	3/16" x 90'	Galvanized cable assembly
OZSS.19-90	3/16" x 90'	Stainless Steel cable assembly
OZGAL.25-45	1/4" x 45'	Galvanized cable assembly
OZSS.25-45	1/4" x 45'	Stainless Steel cable assembly

All cable assemblies come with a swivel hook with latch.

Custom cable length available.

3/16" - 90 ft max. length • 1/4" - 45ft max. length

Synthetic Rope

OZSR.19-15	3/16" x 15'	Ultrax Synthetic Rope
OZSR.19-50	3/16" x 50'	Ultrax Synthetic Rope
OZSR.19-90	3/16" x 90'	Ultrax Synthetic Rope
OZSR.25-50	1/4" x 50'	Ultrax Synthetic Rope
OZSR.25-75	1/4" x 75'	Ultrax Synthetic Rope
OZSR.31-55	5/16" x 55'	Ultrax Synthetic Rope
OZSR.38-45	3/8" x 45'	Ultrax Synthetic Rope

All synthetic rope assemblies come with looped ends and pre-installed swivel hook with latch



HEADACHE BALL

OZHB10

Keeps your wire rope tensioned even when lowering the hook with no load. Compatible with 3/16" and 1/4" wire rope assemblies. Headache balls sold separately from all davit cranes and wire rope assemblies.





DAVIT CRANE COVER

OZDAV-C1

Protect your davit crane from the elements with this waterproof cover. Compatible with all OZ Lifting Products davit cranes 1200 lbs. capacity or less excluding the XR series.



COMING SOON



WHEEL BASE

For all OZ Lifting davit cranes up to 1200 lbs capacity

- Optional floor anchoring system allows the davit to rotate while under load (when base is not anchored the davit must remain in a forward position when lifting)
- Oversized casters make rolling the base and moving loads easy
- Compatible with all OZ lifting davit cranes up to 1200 lbs capacity
- Durable steel construction with powder coat finish
- Davit crane sold separately
- Patent pending



CARBON STEEL & STAINLESS STEEL BRAKE WINCHES

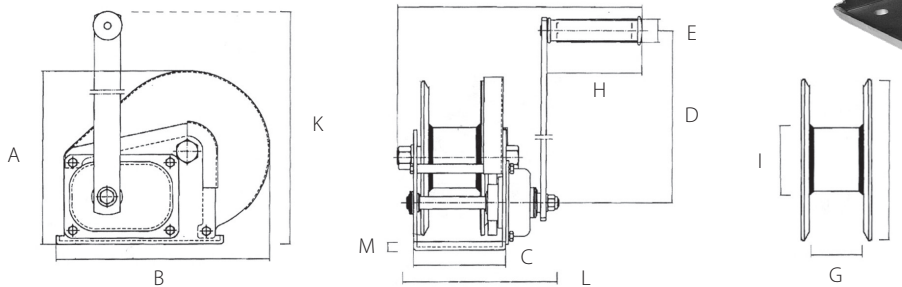
Features

- Compact design
- Ergonomic rubber handle
- Multiple frame mounting positions
- Solid machined gear
- Dual cable anchor point
- Drill drive adapter standard on stainless steel. Optional on carbon steel
- Automatic weatherproof weston style load brake
- High gear ratio
- Test certificate & serial number
- For lifting or pulling/tensioning
- Left hand version of stainless steel winch available (OZ1000BWSS-LH)

Standard - CE

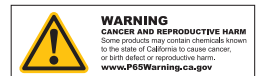
Cable/Drum Capacity	1st layer (ft)	Mid drum (ft)	Full drum (ft)
OZ1000BW – OZ1000BWSS using 1/8" wire rope	7	74	140
OZ1000BW – OZ1000BWSS using 3/16" wire rope	5	34	75
OZ1500BW – OZ1500BWSS using 3/16" wire rope	7	66	140
OZ1500BW – OZ1500BWSS using 1/4" wire rope	5	27	89
OZ2000BW – OZ2000BWSS using 1/4" wire rope	8	36	85
OZ2000BW – OZ2000BWSS using 5/16" wire rope	7	22	52

Load Capacity (lbs - based on the amount of wire rope)			
OZ1000BW – OZ1000BWSS	1000	750	500
OZ1500BW – OZ1500BWSS	1500	1250	750
OZ2000BW – OZ2000BWSS	2000	1500	1000



	OZ1000BW	OZ1000BWSS	OZ1500BW – OZ1500BWSS	OZ2000BW – OZ2000BWSS	
Capacity (lbs)	1000	1000	1500	2000	
Gear Ratio	4.2:1	4.2:1	5:1	10:1	
Dimensions (in)	A	6.22	7.73	8.35	
	B	7.20	7.20	9.36	11.10
	C	3.46	3.46	4.21	5.00
	D	8.26	8.26	12.68	12.99
	E	1.06	1.06	1.06	1.06
	F	10.43	10.43	10.63	11.81
	G	1.98	1.98	2.30	2.52
	H	4.29	4.29	4.29	4.29
	I	1.59	1.98	2.38	3.00
	J	5.33	5.33	7.00	7.09
	K	10.20	10.20	15.31	15.35
L	5.98	5.98	6.89	7.87	
M	0.12	0.12	0.14	0.16	
Net Weight (lbs)	8	8	17	22	

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AC & DC ELECTRIC WINCHES

Features

- Two-braking system mechanical and dynamic
- Fully-enclosed gearing
- Machine cut and hardened gears
- Lightweight
- Emergency handle
- Easily bolts on to OZ davit cranes

Capacity

OZACW (115V AC): 1200 lbs.
OZDCW (12V DC): 1200 lbs.

Net Weight

OZACW – 22 lbs.
OZDCW – 24 lbs.

Maximum Drum Capacity

3/16" diameter wire rope=90' lift
1/4" diameter wire rope=45' lift

Pendant/ Power Cord Length

115V AC: 10' Pendant
10' Power Cord
12V DC: 10' Pendant
25' (+) Power Lead

Motor Full Load AMPS

OZACW – 1.0 HP OZACW – 10A
OZDCW – 0.6 HP OZDCW – 70A



OZACW

**3 minutes of continuous use
15 minute cool down**

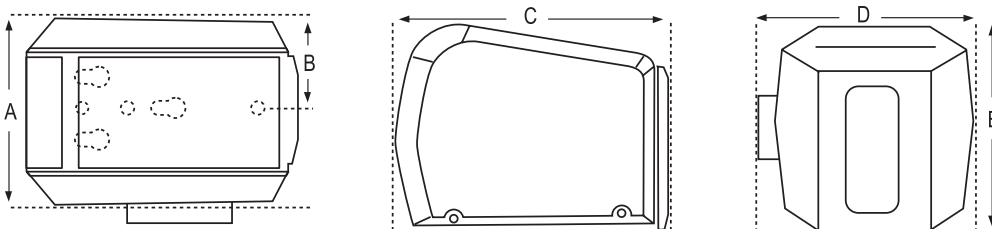


OZDCW

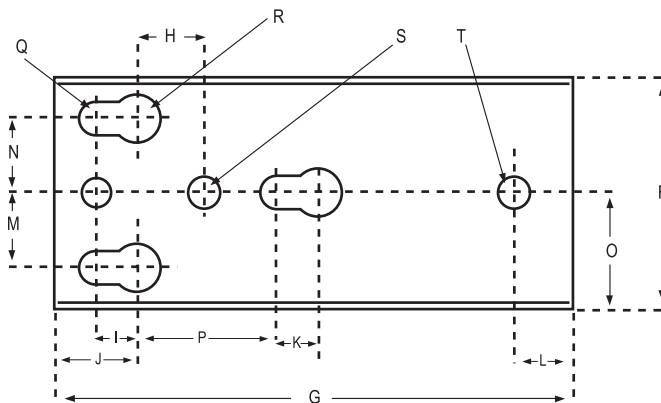


Load Capacity Based on the Amount of Cable	3/16" Cable	1/4" Cable
1st Layer (lbs)	800	1200
Mid. Drum (lbs)	800	1120
Full (lbs)	800	850

Winch Speed Based on Load & Cable on the Drum	First Layer	Full
AC, No Load (ft/min)	23	35
AC, Full Load (ft/min)	12	16
DC, No Load (ft/min)	21	33
DC, Full Load (ft/min)	5.5	8



Dimensions – All Models (in)	
A	7.43
B	3.57
C	10.81
D	8.18
E	8.12



Mounting Plate

Mounting Plate Dimensions – All Models (in)		
F	3.62	K .62
G	8.68	L 1
H	1.18	M 1.25
I	.625	N 1.25
J	1.37	O 1.81
		P 3
		Q .53
		R .78
		S .42
		T .50

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