

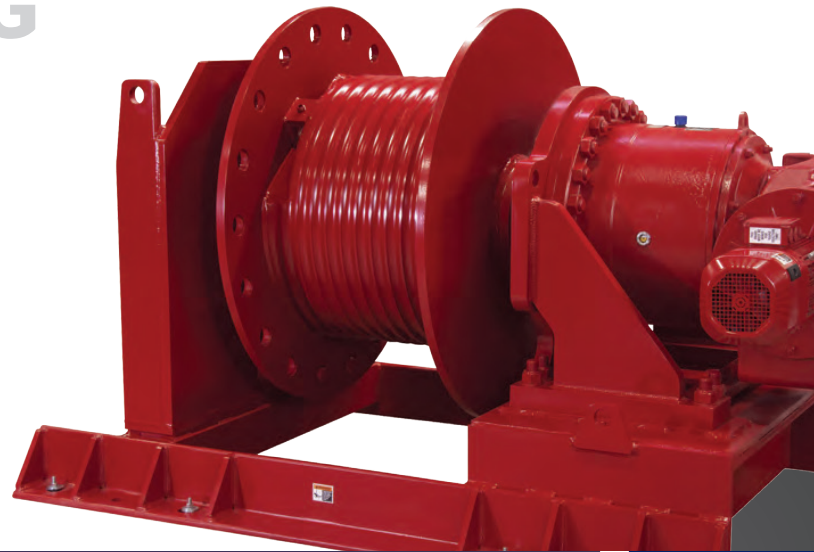
# VINCA

EQUIPOS INDUSTRIALES



LEAVE THE **HEAVY LIFTING** TO US

# PRODUCT CATALOG



Davit Cranes

# 17.0 Portable & Stationary Cranes













# Content

## Portable Cranes

FIRST MATE 500 Serie 5PF5 .....	7
ENSIGN 500 Serie 5PA5.....	9
ENSIGN 1000 Serie 5PA10.....	11
COMMANDER 500 Serie 5PT.....	13
COMMANDER 1000 Serie 5PT10 .....	15
COMMANDER 2000 Serie 5PT20 .....	17
ADMIRALL 3000 Serie 5PT30.....	19

## Stationary Cranes

CAPTAIN 2000 Serie 5FT20.....	21
CAPTAIN 2500 Serie 5FT25.....	23
CAPTAIN 4000 Serie 5FT40.....	25
OPTIONS & ACCESSORIES.....	27

PORTABLE CRANES	
Capacity 0 to Max Lift Series Model	 <p><b>850 lbs (385 kg)</b> up to <b>236 ft (71.9 m)</b> First Mate® 5PF5</p>
	 <p><b>500 lbs (226 kg)</b> up to <b>235 ft (71.6 m)</b> Ensign® 5PA5</p>
	 <p><b>1,200 lbs (544 kg)</b> up to <b>281 ft (85.6 m)</b> Ensign® 5PA10</p>
	 <p><b>650 lbs (300 kg)</b> up to <b>287 ft (87.4 m)</b> Commander® 5PT5</p>
	 <p><b>1,200 lbs (544 kg)</b> up to <b>287 ft (87.4 m)</b> Commander® 5PT10</p>
	 <p><b>2,000 lbs (907 kg)</b> up to <b>435 ft (132.5 m)</b> Commander® 5PT20</p>
STATIONARY CRANES	
Capacity 0 to Max Lift Series Model	 <p><b>2,000 lbs (907 kg)</b> up to <b>278 ft (84.7 m)</b> Captain® 5FT20</p>
	 <p><b>2,800 lbs (1,270 kg)</b> up to <b>278 ft (84.7 m)</b> Captain® 5FT25</p>
	 <p><b>5,500 lbs (2,500 kg)</b> up to <b>174 ft (53.0 m)</b> Captain® 5FT40</p>
	 <p><b>3,000 lbs (1,360 kg)</b> up to <b>224 ft (68.2 m)</b> Admiral® 5PT30</p>

# Portable Cranes

## TERN DAVIT CRANES

### Superior Lifting Equipment that Towers Above the Rest

Elevate your expectations with a Thern crane that's built to last, lift after lift. Whether you are looking for a lightweight portable crane or a heavy-duty stationary crane, we have the perfect solution for you. Countless clients across the world have turned to Thern to replace their inefficient jib and gantry cranes with our flexible range of davits. Spot our cranes everywhere, from hoisting pumps at wastewater plants to lifting HVAC components on the roof of a building. Special coating finishes are available to withstand even the harshest environments.



### PORTABLE

#### First Mate®

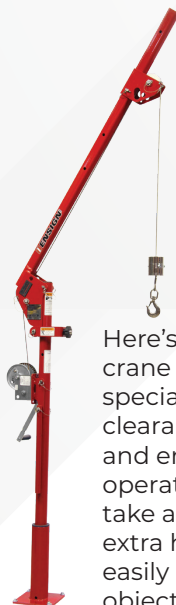
Up to 850 lb / 385 kg Capacity



Lightweight, economical, comfortable to carry, and easy to use, this portable crane is perfect for a wide variety of simple jobs where adjustable height and reach are not required.

#### Ensign®

Up to 1,200 lb / 544 kg Capacity



Here's a cost-efficient crane series that's specially designed for clearance, lift height, and ergonomic operation. You can take advantage of the extra hook height to easily clear tall objects.

#### Commander®

Up to 2,000 lb / 907 kg Capacity



As our most popular line of portable davit cranes with multiple capacities to choose from, this series offers innovative features such as extra hook height, streamlined set-up/disassembly, and ergonomic operation, to name a few.

UP TO 5,500 LB CAPACITY

# FEATURES\*

- Fixed or Adjustable Boom Lengths & Angles for Maximum Operation Flexibility
- Variety of Bases in Numerous Protective Finishes Allow for Effortless Mounting & Installation
- Heavy-Gauge Steel Construction Provides Long Service Life
- Manual, Electric, Hydraulic, Pneumatic, or DC Volt Winch Operation to Perform Lifts of Any Size
- Streamlined Set-Up & Disassembly Saves Valuable Time & Effort
- Easy Transport & Storage for Optimal Accessibility
- Smooth 360° Rotation
- Quick-Disconnect Anchor for Easy Attachment or Removal of Wire Rope
- Corrosion-Resistant Finishes to Withstand the Harshest Environments
- Industry-Leading Warranty to Ensure Your Complete Satisfaction

\*Features will vary depending on the model.

## CRANE OPTIONS & ACCESSORIES

Choose between numerous customization options such as base anchor kits and limit switches to enhance our wide variety of davit cranes to meet your specific needs.

### STATIONARY

#### Captain®

Up to 5,500 lb / 2,500 kg Capacity



Designed for permanent installation and smooth 360° rotation, you can rely on this series to provide extended height and reach, as well as heavy-duty capacity.

### TRANSPORTABLE

#### Admiral®

Up to 3,000 lb / 1,360 kg Capacity

You get it all with this powerhouse crane that can handle large loads up to 1.5 tons and still be disassembled for relocation. Featuring an adjustable boom for high lifts and long reach, this will become your go-to crane for years to come.



These products are not for lifting people or things over people.



# MINIMUM ASSEMBLY. MAXIMUM PRODUCTIVITY. THERN®



At Thern, we know “some assembly required” should mean minutes—not hours. Our **portable davit cranes** come pre-assembled, with hardware and quick-release clevis pins already attached—no special tools required. That means quick assembly. It also means quick disassembly and transport to storage or bases at other work sites. At Thern, we make things simple...and fast.

## STEP 1 FASTEN CRANE BASE SECURELY

Fasten crane base to level, suitable concrete foundation. Consult a structural engineer about the foundation as necessary and adhere to applicable installation codes and regulations.

## STEP 2 INSERT MAST INTO BASE

Insert mast into base, ensuring flange bearing is properly seated.

## STEP 3 ATTACH MAIN BOOM & ROTATIONAL HANDLE TO MAST

Attach main boom first and then rotational handle next. Secure using attached clevis and lynch pins.

## STEP 4 ATTACH RATCHET JACK TO MAST & MAIN BOOM

Attach one end of ratchet jack to mounting ear on main boom and secure with attached clevis and lynch pins. Carefully pivot boom up to fasten other end of ratchet jack to mast mounting ear—secure with clevis and lynch pins.

## STEP 5 INSERT BOOM EXTENSION INTO MAIN BOOM

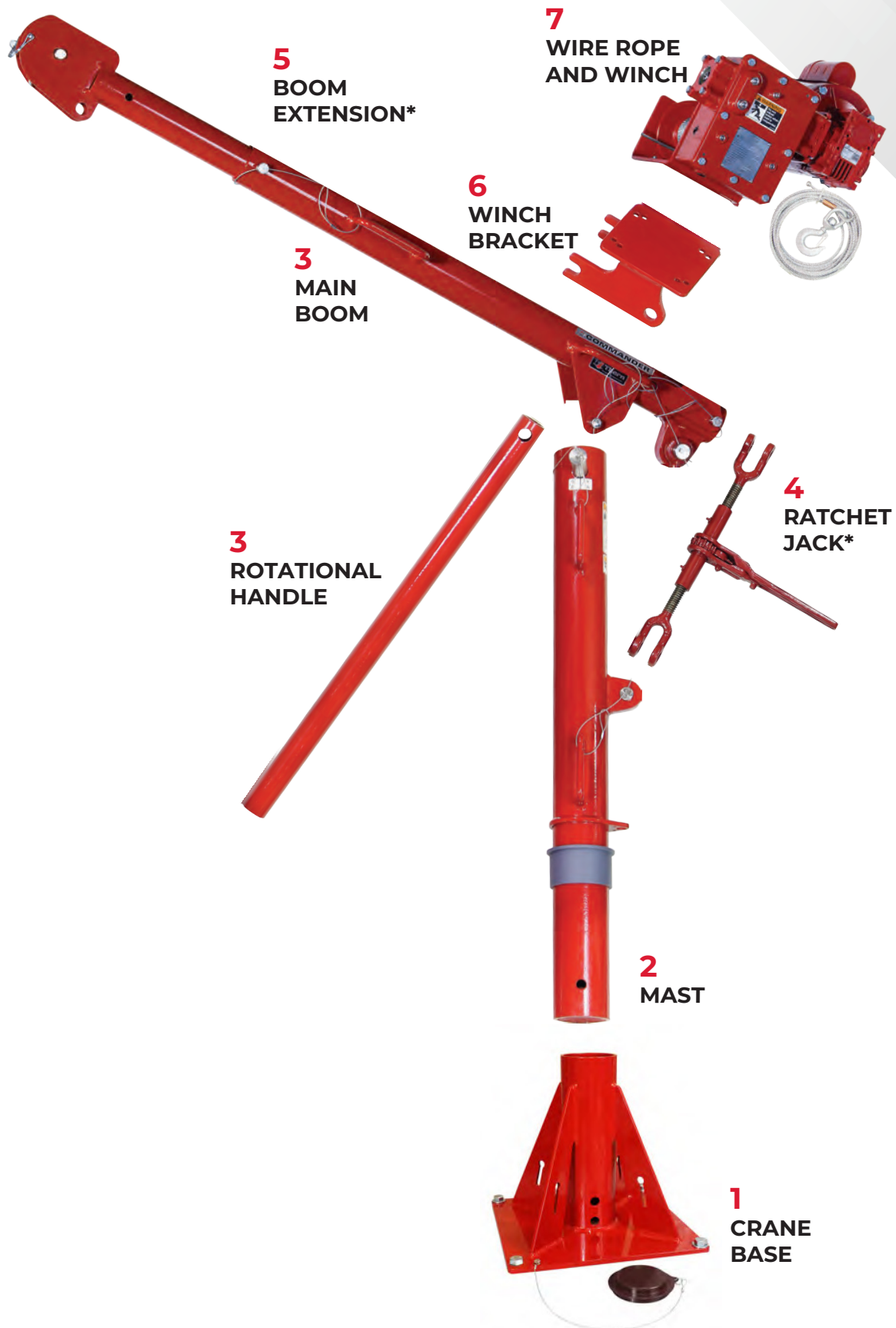
Rotate ratchet jack to lower main boom to just above horizontal position. Insert boom extension and secure with attached clevis and lynch pins.

## STEP 6 ATTACH WINCH/BRACKET TO MAIN BOOM

Remove winch bracket from end of main boom and attach winch using fasteners provided. Align notches on load end of winch bracket with tabs on main boom and secure winch/bracket with clevis and lynch pins. Attach winch handle or connect to power if winch is electric.

## STEP 7 ATTACH WIRE ROPE

Locate the quick-connect anchor on the drum of the winch. Thread swaged-ball end of the wire rope through the crane sheaves, working from the front of the boom back to the winch. Insert the swaged ball into the anchor and carefully under wind the wire rope onto the winch.



*\*May not be applicable to all portable cranes*

# FIRST MATE 500 Serie 5PF5

## FIRST MATE® 5PF5

### PORTABLE DAVIT CRANE

### ECONOMICAL, LIGHTWEIGHT & Easy-to-Use Lifting Power

The 5PF5 First Mate 500 portable davit crane (up to 850 pounds) isn't complicated—but it gets the job done with features and quality you expect from Thern. A fixed boom length, with three operating angles, makes it lightweight, easy to carry, and easy to use. It is perfect for simple jobs where adjustable length is not required. An ergonomic design makes it ideal for water/wastewater applications.



Product Shown:  
5PF5-E2

### Enhanced Portability

- Disassemble and reassemble easily, using quick-release hardware and pins for quick transport or storage—no tools required
- Move your crane to another location while keeping the wire rope attached to the load using the quick-disconnect feature. Insert the swaged-ball end of the wire rope into the keyhole slot on the tab of the pedestal base or into an optional wire rope keeper or cable spool

### Durable Construction & Finish

- Heavy-duty, welded structural steel pipe and tubing limit deflection and meet/exceed ASTM standards
- Corrosion-resistant, powder-coated frame, mast cap, and stainless-steel fasteners resist the elements for long service life
- Galvanized, epoxy, and 304 or 316 stainless-steel finishes are available for corrosive environments

## STANDARD CONFIGURATIONS

IMPERIAL/METRIC		
Series	Description	Up To Capacity
5PF5-M1	Powder-coat crane with M4022PB-K spur gear hand winch	850 lbs / 385 kg
5PF5G-M1	Galvanized crane with M4022PB-K spur gear hand winch	850 lbs / 385 kg
5PF5-M2	Powder-coat crane with 4WM2-K worm gear hand winch	850 lbs / 385 kg
5PF5G-M2	Galvanized crane with 4WM2-K worm gear hand winch	850 lbs / 385 kg
5PF5S-M3	Stainless-steel crane with M4042PBSS-K spur gear hand winch	850 lbs / 385 kg
5PF5-E2	Powder-coat crane with 4WP2-K electric winch	850 lbs / 385 kg

### Flexible Configurations

- A variety of base and mounting options, including pedestal, flush, and wall-mount, as well as wheel-base, help meet a variety of lifting needs
- A quick-mount winch bracket is standard (no tools required) and accommodates several Thern winches
- Optional base extension provides additional height without affecting the crane's load rating. Ideal for wall- or flush-mount situations to create additional crane height for obstacle clearance or other needs when 15 inches (381 mm) of additional height is required

### 360° Rotation & Flexible Operation

- Nylatron® bushing at base enhances smooth, 360-degree rotation under load for precise load placement. Optional rotation lock maintains load position for easier unloading
- Choose from manual, drill-drive, or powered winch (electric, pneumatic, or hydraulic motors) operation to accommodate a variety of light or heavy loads and travel distances. DC motors and various voltage AC motors available



NOTICE: These products are not for lifting people or things over people.

Refer to technical pages for detailed performance information.



# ENSIGN 500 Serie 5PA5

## ENSIGN<sup>®</sup> 5PA5

### PORTABLE DAVIT CRANE

### PORTABLE LIFTING POWER for Tall Obstacles

The 5PA5 Ensign 500 portable davit crane (up to 500 pounds) is designed to lift and smoothly rotate taller loads, 360 degrees, with minimal boom adjustment. A longer mast and boom provide the extra hook height (up to 101 inches with pedestal base) required to clear safety gates, rails, and other obstacles. An ergonomic design, winch options, quick-disconnect feature, and boom adjustment knob make it extremely user-friendly. Add an optional rotation lock to further enhance unloading. Easy disassembly and reassembly with quick-release hardware and pins maximize portability for storage or use with other bases. Ideal for water/wastewater applications.

#### Enhanced Portability

- Disassembles and reassembles easily, using quick-release hardware and pins for quick transport to storage or bases at other work sites—no tools required
- Move your crane to another location while keeping the wire rope attached to the load using the quick-disconnect feature. Insert the swaged-ball end of the wire rope into the keyhole slot on the tab of the pedestal base or into an optional wire rope keeper or cable spool

#### Durable Construction & Finish

- Heavy-duty, welded structural steel pipe and tubing limit deflection and meet/exceed ASTM standards
- Corrosion-resistant, powder-coated frame, mast cap, and stainless-steel fasteners resist the elements for long service life
- Galvanized, epoxy, and 304 or 316 stainless-steel finishes are available for corrosive environments

Product Shown:  
5PA5-M1

#### 360° Rotation & Flexible Operation

- Nylatron<sup>®</sup> bushing at base enhances smooth, 360-degree rotation under load for precise load placement. Optional rotation lock facilitates unloading ease
- Rotation handle design does not interfere with boom angle adjustment for easier operation
- Adjustable boom angles and four sheave assembly positions along boom are easily changed (without tools) to accommodate a variety of applications. Boom adjustment knob allows for easy, one-hand adjustment when not under load
- Choose from manual, drill-drive, or powered winch (electric, pneumatic, or hydraulic motors) operation to accommodate a variety of speed and power requirements. DC motors and various voltage AC motors available



## STANDARD CONFIGURATIONS

Series	IMPERIAL/METRIC	
	Description	Up To Capacity
5PA5-M1	Powder-coat crane with M4022PB-K spur gear hand winch	500 lbs / 226 kg
5PA5G-M1	Galvanized crane with M4022PB-K spur gear hand winch	500 lbs / 226 kg
5PA5-M2	Powder-coat crane with 4WM2V-K worm gear hand winch	500 lbs / 226 kg
5PA5G-M2	Galvanized crane with 4WM2V-K worm gear hand winch	500 lbs / 226 kg
5PA5S-M3	Stainless-steel crane with M4042PBSS-K spur gear hand winch	500 lbs / 226 kg
5PA5-E2	Powder-coat crane 4WP2V-K electric winch	500 lbs / 226 kg
5PA5X-E2X	Epoxy-gray crane with epoxy-gray 4WP2VEGRA-K electric winch	500 lbs / 226 kg

### Flexible Configurations

- A variety of base mounting options, including pedestal, flush, and wall-mount, help meet numerous lifting needs
- A quick-mount winch bracket is standard (no tools required) and accommodates several Thern winches. Fits any three convenient/ergonomic positions on the mast via quick-connect pins



NOTICE: These products are not for lifting people or things over people.

Refer to technical pages for detailed performance information.

# ENSIGN 1000 Serie 5PA10

## ENSIGN® 5PA10

### PORTABLE DAVIT CRANE

### PORTABLE LIFTING POWER for the Tallest Jobs

The 5PA10 Ensign 1000 portable davit crane (up to 1,200 pounds) is designed to lift and smoothly rotate heavier, taller loads, 360 degrees, with minimal boom adjustment. A longer mast and boom provide the extra hook height (up to 120 inches with pedestal base) required to clear safety gates, rails, and other obstacles. An ergonomic design, winch options, quick-disconnect feature, and boom adjustment knob make it extremely user-friendly. Included on all standard models, roller-ball bearings and rotation lock enhances unloading. Easy disassembly and reassembly with quick-release hardware and pins maximize portability for storage or use with other bases. Ideal for water/wastewater applications.

### 360° Rotation & Flexible Operation

- Specially designed roller bearing at top of base comes standard to enhance smooth, 360-degree rotation under load for precise load placement. Stainless-steel rotation lock comes standard and facilitates unloading ease
- Rotation handle design does not interfere with boom angle adjustment for easier operation
- Adjustable boom angles and four sheave assembly positions along boom are easily changed (without tools) to accommodate a variety of applications. Boom adjustment knob allows for easy, one-hand adjustment when not under load
- Choose from manual, drill-drive, or powered winch (electric, pneumatic, or hydraulic motors) operation to accommodate a variety of speeds and power needs. DC motors and various voltage AC motors available

### Durable Construction & Finish

- Heavy-duty, welded structural steel pipe and tubing limit deflection and meet/exceed ASTM standards
- Corrosion-resistant, powder-coated frame, mast cap, and stainless-steel fasteners resist the elements and for long service life
- Galvanized, epoxy, and 304 or 316 stainless-steel and epoxy finishes are available for corrosive environments



Product Shown:  
5PA10-M1

## STANDARD CONFIGURATIONS

### IMPERIAL/METRIC

Series	Description	Up To Capacity
5PA10-M1	Powder-coat crane with M4312PB-K spur gear hand winch	1,200 lbs / 544 kg
5PA10G-M1	Galvanized crane with M4312PB-K spur gear hand winch	1,200 lbs / 544 kg
5PA10-M2	Powder-coat crane with 4WM2V-K worm gear hand winch	1,200 lbs / 544 kg
5PA10G-M2	Galvanized crane with 4WM2V-K worm gear hand winch	1,200 lbs / 544 kg
5PA10S-M3	Stainless-steel crane with M4312PBSS-K spur gear hand winch	1,200 lbs / 544 kg
5PA10X-E2X	Epoxy-gray crane with epoxy-gray 4WP2VEGRA-K electric winch	1,200 lbs / 544 kg

#### Enhanced Portability

- Disassembles and reassembles easily, using quick-release hardware and pins for quick transport to storage or bases at other work sites—no tools required
- Move your crane to another location while keeping the wire rope attached to the load using the quick-disconnect feature. Insert the swaged-ball end of the wire rope into the keyhole slot on the tab of the pedestal base or into an optional wire rope keeper or cable spool

#### Flexible Configurations

- A variety of base mounting options, including pedestal, flush, and wall-mount, help meet numerous lifting needs
- A quick-mount winch bracket is standard (no tools required) and accommodates several Thern winches. Fits any three convenient/ergonomic positions on the mast via quick-connect pins



NOTICE: These products are not for lifting people or things over people.

Refer to technical pages for detailed performance information.

# COMMANDER 500 Serie 5PT

## COMMANDER® 5PT5

### PORTABLE DAVIT CRANE

### HEAVY-DUTY FEATURES

#### in a Light-Duty Package

The 5PT5 Commander 500 portable davit crane (up to 650 pounds) is packed with features, giving it the same versatility and flexibility of its larger cousins. It is designed to lift, lower, and rotate loads 360 degrees, easily and smoothly. Easy disassembly and reassembly with quick-release hardware and pins maximize portability. A variety of base options, manual or power operation, and telescoping boom with adjustable boom angles make it perfect for water/wastewater, manufacturing, marine, construction, and oil and gas applications.

### 360° Rotation & Flexible Operation

- Heavy-duty Nylatron® bushing at base enhances smooth, 360-degree rotation under load for precise load placement. Optional rotation lock maintains load position for easier unloading
- Innovative rotation handle design does not interfere with boom angle adjustment for easier operation
- Telescoping boom and adjustable boom angles allow for precise reach and height positioning
- Choose from manual, drill-drive, or powered winch (electric, pneumatic, or hydraulic motors) operation to accommodate a variety of light or heavy loads and speeds. DC motors and various voltage AC motors available



Product Shown:  
5PT5-E2

### Enhanced Portability

- Disassembles and reassembles easily, using quick-release hardware and pins for quick transport to storage or bases at other work sites—no tools required
- Move your crane to another location while keeping the wire rope attached to the load using the quick-disconnect feature. Insert the swaged-ball end of the wire rope into the keyhole slot on the tab of the pedestal base or into an optional wire rope keeper or cable spool

## STANDARD CONFIGURATIONS

### IMPERIAL/METRIC

Series	Description	Up To Capacity
5PT5G-M1	Galvanized crane with M4022PB-K spur gear hand winch	650 lbs / 294 kg
5PT5-M2	Powder-coat crane with 4WM2-K worm gear hand winch	650 lbs / 294 kg
5PT5G-M2	Galvanized crane with 4WM2-K worm gear hand winch	650 lbs / 294 kg
5PT5S-M3	Stainless-steel crane with M4042PBSS-K spur gear hand winch	650 lbs / 294 kg
5PT5-E2	Powder-coat crane with 4WP2-K electric winch	650 lbs / 294 kg
5PT5S-E2X	Stainless-steel crane with gray-epoxy 4WP2EGRA-K electric winch	650 lbs / 294 kg

#### Flexible Configurations

- A variety of base and mounting options, including pedestal, flush and wall-mount, as well as wheel-base, help meet unique lifting needs
- A quick-mount winch bracket (no tools required) accommodates several Thern winches. Fits any three convenient/ergonomic positions on the mast via quick-connect pins
- Base extension provides additional height without affecting the crane's load rating. Ideal in wall- or flush-mount situations to maintain crane height for obstacle clearance or other needs when 15 inches (381 mm) of additional height is required

#### Durable Construction & Finish

- Heavy-duty, welded structural steel pipe and tubing limit deflection and meet/exceed ASTM standards
- Corrosion-resistant, powder-coated frame, mast cap, and stainless-steel fasteners resist the elements for long service life
- Galvanized, epoxy, and 304 or 316 stainless steel finishes are available for corrosive environments



NOTICE: These products are not for lifting people or things over people.

Refer to technical pages for detailed performance information.

# COMMANDER 1000 Serie 5PT10

## COMMANDER® 5PT10

### PORTABLE DAVIT CRANE

## A WORKHORSE DAVIT CRANE

### Packed with Thoroughbred Features

The 5PT10 Commander 1000 portable davit crane (up to 1,200 pounds) is packed with features making it the “go to” davit crane for many applications. It is designed to lift, lower, and rotate loads 360 degrees, easily and smoothly. Add an optional rotational bearing and 12-position lock system to facilitate moving heavier loads. Easy disassembly and reassembly with quick-release hardware and pins maximize portability. A variety of base options, manual or power operation, and telescoping boom with adjustable boom angles makes it perfect for water/wastewater, manufacturing, marine, construction, and oil and gas applications.



Product Shown:  
5PT10-M1

### 360° Rotation & Flexible Operation

- Heavy-duty Nylatron® bushing at base enhances smooth, 360-degree rotation under load for precise load placement. Optional rotation bearing and lock ease movement and stabilize unloading
- Innovative rotation handle design does not interfere with boom angle adjustment for easier operation
- Telescoping boom and adjustable boom angles allow for precise reach and height positioning
- Choose from manual, drill-drive, or powered winch (electric, pneumatic, or hydraulic motors) operation to accommodate a variety of light or heavy loads and speeds. DC motors and various voltage AC motors available

### Enhanced Portability

- Disassembles and reassembles easily, using quick-release hardware and pins for quick transport to storage or bases at other work sites—no tools required
- Move your crane to another location while keeping the wire rope attached to the load using the quick-disconnect feature. Insert the swaged-ball end of the wire rope into the keyhole slot on the gusset of the pedestal base or into an optional wire rope keeper or cable spool

## STANDARD CONFIGURATIONS

### IMPERIAL/METRIC

Series	Description	Up To Capacity
5FT20-M1	Red-enamel crane and ratchet jack with M4312PB-K spur gear hand winch	2,000 lbs / 907 kg
5FT20-M2	Red-enamel crane and ratchet jack with 4WM2V-K worm gear hand winch	2,000 lbs / 907 kg
5FT20X-M2X	Gray-epoxy crane and ratchet jack with gray-epoxy 4WM2VEGRA-K worm hand winch	2,000 lbs / 907 kg
5FT20-E2	Red-enamel crane and ratchet jack with 4WP2-K electric winch	2,000 lbs / 907 kg
5FT20X-E2X	Gray-epoxy crane and ratchet jack with gray-epoxy 4WP2EGRA-K electric winch	2,000 lbs / 907 kg

### Durable Construction & Finish

- Boom, mast, and base are fabricated from heavy-gauge steel that limits deflection and meets/exceeds ASTM standards
- Red-enamel finish and stainless-steel fasteners resist the elements for long service life
- Epoxy finishes are available for corrosive environments



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Refer to technical pages for detailed performance information.



# COMMANDER 2000 Serie 5PT20

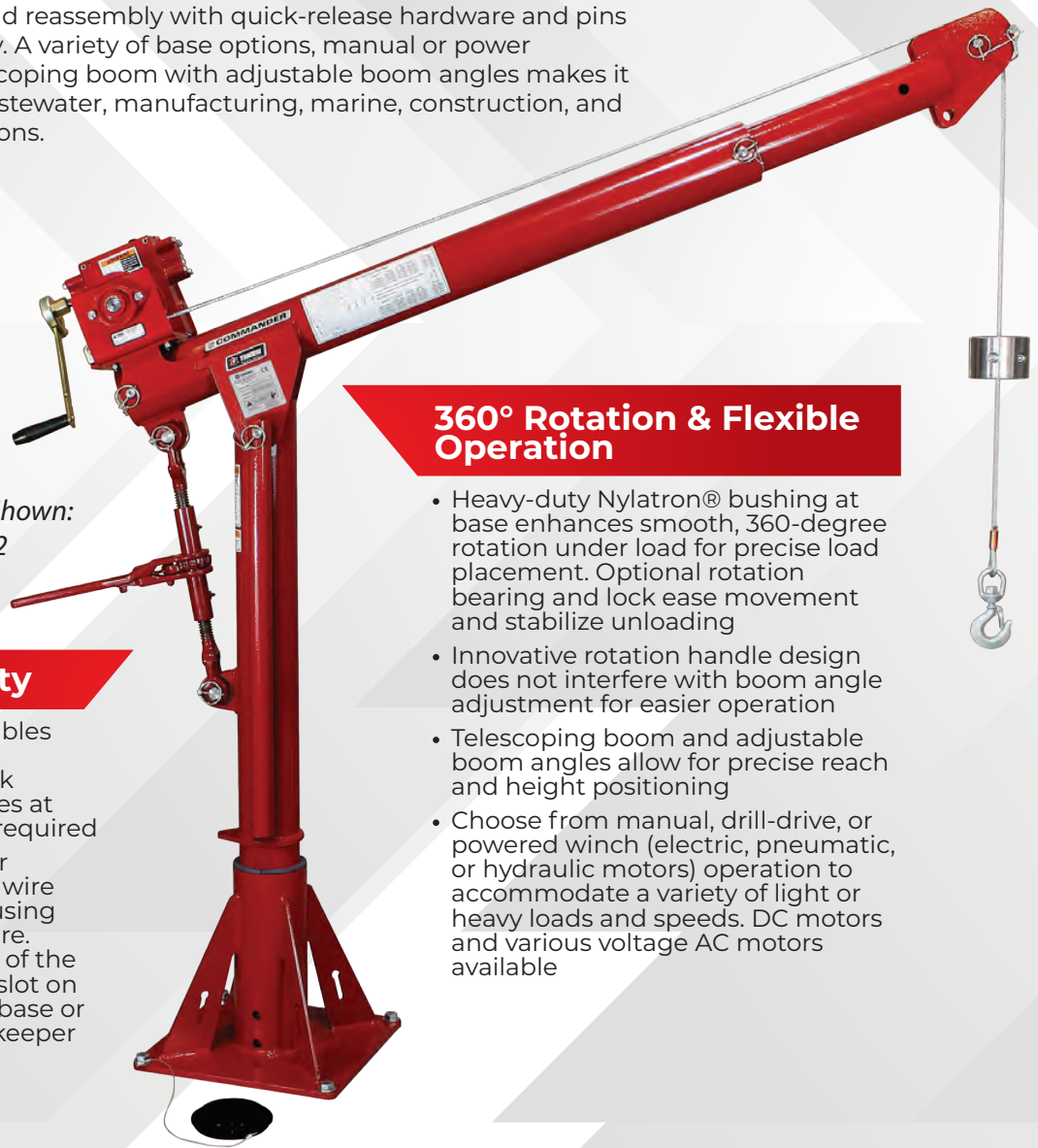
## COMMANDER® 5PT20

### PORTABLE DAVIT CRANE

### HEAVY LIFTING POWER

#### with Enhanced Flexibility and Portability

The 5PT20 Commander 2000 portable davit crane (up to 2,000 pounds) is one of Thern's largest capacity, portable davit cranes. A maximum hook height (with pedestal base) of 97 inches allows it to hoist large loads and reach over walls, rails, and obstacles. It is designed to lift, lower, and rotate loads 360 degrees, easily and smoothly. Add an optional rotation bearing and 12-position lock system to ease movement and stabilize unloading. Easy disassembly and reassembly with quick-release hardware and pins maximize portability. A variety of base options, manual or power operation, and telescoping boom with adjustable boom angles makes it perfect for water/wastewater, manufacturing, marine, construction, and oil and gas applications.



Product Shown:  
5PT20-M2

### Enhanced Portability

- Disassembles and reassembles easily, using quick-release hardware and pins for quick transport to storage or bases at other work sites—no tools required
- Move your crane to another location while keeping the wire rope attached to the load using the quick-disconnect feature. Insert the swaged-ball end of the wire rope into the keyhole slot on the gusset of the pedestal base or into an optional wire rope keeper or cable spool

### 360° Rotation & Flexible Operation

- Heavy-duty Nylatron® bushing at base enhances smooth, 360-degree rotation under load for precise load placement. Optional rotation bearing and lock ease movement and stabilize unloading
- Innovative rotation handle design does not interfere with boom angle adjustment for easier operation
- Telescoping boom and adjustable boom angles allow for precise reach and height positioning
- Choose from manual, drill-drive, or powered winch (electric, pneumatic, or hydraulic motors) operation to accommodate a variety of light or heavy loads and speeds. DC motors and various voltage AC motors available

## STANDARD CONFIGURATIONS

Series	IMPERIAL/METRIC	
	Description	Up To Capacity
5PT10-M1	Powder-coat crane with M4312PB-K spur gear hand winch	1,200 lbs / 544 kg
5PT10G-M1	Galvanized crane with M4312PB-K spur gear hand winch	1,200 lbs / 544 kg
5PT10-M2	Powder-coat crane with 4WM2-K worm gear hand winch	1,200 lbs / 544 kg
5PT10G-M2	Galvanized crane with 4WM2-K worm gear hand winch	1,200 lbs / 544 kg
5PT10S-M3	Stainless-steel crane with M4312PBSS-K spur gear hand winch	1,200 lbs / 544 kg
5PT10-E2	Powder-coat crane with 4WP2-K electric winch	1,200 lbs / 544 kg
5PT10S-E2X	Stainless-steel crane with gray-epoxy 4WP2EGRA-K electric winch	1,200 lbs / 544 kg

### Flexible Configurations

- A variety of base mounting options, including pedestal, flush, and wall-mount, as well as wheel-base, help meet unique lifting needs
- A quick-mount winch bracket is standard (no tools required) and accommodates several Thern winches
- Optional base extension provides additional height without affecting the crane's load rating. Ideal for wall- or flush-mount installations to increase crane height for obstacle clearance or other needs. Creates 15 inches (381 mm) of additional height

### Durable Construction & Finish

- Heavy-duty, welded structural steel pipe and tubing limit deflection and meet/exceed ASTM standards
- Corrosion-resistant, powder-coated frame, mast cap, and stainless-steel fasteners resist the elements for long service life
- Galvanized, epoxy, and 304 or 316 stainless-steel finishes are available for corrosive environments



NOTICE: These products are not for lifting people or things over people.

Refer to technical pages for detailed performance information.

# ADMIRALL 3000 Serie 5PT30

## ADMIRAL<sup>®</sup> 5PT30

### TRANSPORTABLE DAVIT CRANE

#### MAXIMUM LIFTING POWER with Portable Utility

The 5PT30 Admiral Series davit crane (up to 3,000 pounds) is Thern's largest capacity transportable davit crane. An adjustable boom for high lifts provides almost 10 feet of reach to clear safety gates, rails, and other obstacles. Easy disassembly and reassembly with quick-release hardware and pins enhance transport to storage or other work bases. A combination of roller and needle bearings allow it to lift, lower, and rotate loads 360 degrees, easily and smoothly. A variety of base options and manual or powered operation makes it perfect for construction, manufacturing, marine, and oil and gas applications.

#### 360° Rotation & Flexible Operation

- Tapered roller and needle bearings enhance smooth, 360-degree rotation under load for precise load placement. Integral 12-position (every 30 degrees) boom rotation lock facilitates heavy lifting and stabilizes unloading
- Rotation handle design does not interfere with boom angle adjustment for easier operation
- Davit boom, supported by integral screw jack or boom brace, telescopes to five different lengths to accommodate a variety of applications
- Choose from manual, drill-drive, or powered winch (electric, pneumatic, or hydraulic motors) operation to accommodate a variety of loads and speeds. DC motors and various voltage AC motors, including three-phase, are available

#### Durable Construction & Finish

- Heavy-duty, welded structural steel pipe and tubing limit deflection and meet ASTM standards
- Red-enamel finish, mast cap and stainless-steel fasteners resist the elements and harsh environments for long service life
- Galvanized and epoxy finishes are available

Product Shown:  
5PT30JE5

#### Transportable

- Disassemble and reassemble using quick-release, clevis-style pins for transport to storage or bases at other work sites—no tools required. Transport requires two people

#### Flexible Configurations

- A variety of base and mounting options, including pedestal-, flush-, and wall-mount, help meet multiple lifting needs



## STANDARD CONFIGURATIONS

Series	IMPERIAL/METRIC	
	Description	Up To Capacity
5PT30J-M1	Enamel crane and ratchet jack with M452B-K spur gear hand winch	3,000 lbs / 1,360 kg
5PT30JG-M1	Galvanized crane and ratchet jack with M452B-K spur gear hand winch	3,000 lbs / 1,360 kg
5PT30J-M2	Enamel crane and ratchet jack with 2W40V-BMT4P-K worm gear hand winch	3,000 lbs / 1,360 kg
5PT30JG-M1X	Galvanized crane and ratchet jack with gray-epoxy M452BEGRA-K spur gear hand winch	3,000 lbs / 1,360 kg
5PT30JX-M1X	Gray-epoxy crane and ratchet jack with gray-epoxy M452BEGRA-K spur gear hand winch	3,000 lbs / 1,360 kg
5PT30J-E2	Enamel crane and ratchet jack with 3WG4B-K electric winch	3,000 lbs / 1,360 kg
5PT30JG-E2	Galvanized crane and ratchet jack with 3WG4B-K electric winch	3,000 lbs / 1,360 kg
5PT30JX-E2X	Gray-epoxy crane and ratchet jack with gray-epoxy 3WG4B-KX electric winch	3,000 lbs / 1,360 kg



NOTICE: These products are not for lifting people or things over people.

Refer to technical pages for detailed performance information.

## CAPTAIN 2000 Serie 5FT20

# CAPTAIN<sup>®</sup> 5FT20

STATIONARY DAVIT CRANE

### STATIONARY LIFTING POWER with Extended Reach

The 5FT20 Captain 2000 stationary davit crane (up to 2,000 pounds) is designed for permanent installation. It features a telescoping boom to reach, lift, and rotate very heavy loads 360 degrees—smoothly and easily. A screw jack comes standard to facilitate boom angle adjustments. For long or heavy lifts, add a Thern power winch for greater speed. Red-enamel finish and stainless-steel hardware resist wear in harsh conditions or environments. It's perfect for water/wastewater, manufacturing, marine, construction, and oil and gas applications.



Product Shown:  
5FT20-E2

### 360° Rotation & Flexible Operation

- Tapered roller bearing enhances smooth, 360-degree rotation under load for precise load placement. Integral 12-position (every 30 degrees) boom rotation lock facilitates heavy lifting and stabilizes unloading
- Rotation handle design does not interfere with boom angle adjustment for easier operation
- Telescoping boom length and adjustable boom angles accommodate a variety of height and reach requirements
- Choose from manual, drill-drive, or powered winch (electric, pneumatic, or hydraulic motors) operation to accommodate a variety of speed and power requirements. DC motors and various voltage AC motors available

## STANDARD CONFIGURATIONS

### IMPERIAL/METRIC

Series	Description	Up To Capacity
5PT20-M1	Powder-coat crane with M4312PB-K spur gear hand winch	2,000 lbs / 907 kg
5PT20G-M1	Galvanized crane with M4312PB-K spur gear hand winch	2,000 lbs / 907 kg
5PT20-M2	Powder-coat crane with 4WM2-K worm gear hand winch	2,000 lbs / 907 kg
5PT20G-M2	Galvanized crane with 4WM2-K worm gear hand winch	2,000 lbs / 907 kg
5PT20S-M3	Stainless-steel crane with M4312PBSS-K spur gear hand winch	2,000 lbs / 907 kg
5PT20-E2	Powder-coat crane with 4WP2-K electric winch	2,000 lbs / 907 kg
5PT20S-E2X	Stainless-steel crane with gray-epoxy 4WP2EGRA-K electric winch	2,000 lbs / 907 kg

#### Durable Construction & Finish

- Heavy-duty, welded structural steel pipe and tubing limit deflection and meet/exceed ASTM standards
- Corrosion-resistant, powder-coated frame, mast cap, and stainless-steel fasteners resist the elements for long service life.
- Galvanized, epoxy, and 304 or 316 stainless-steel finishes are available for corrosive environments

#### Flexible Configurations

- A variety of base mounting options, including pedestal, flush, and wall-mount, as well as wheel-base, help meet unique lifting needs
- A quick-mount winch bracket is standard (no tools required) and accommodates several Thern winches
- Optional base extension provides additional height without affecting the crane's load rating. Ideal for wall- or flush-mount installations to increase crane height for obstacle clearance or other needs. Creates 15 inches (381 mm) of additional height



NOTICE: These products are not for lifting people or things over people.

Refer to technical pages for detailed performance information.

# CAPTAIN 2500 Serie 5FT25

## CAPTAIN<sup>®</sup> 5FT25

### STATIONARY DAVIT CRANE

### MAXIMUM, STATIONARY LIFTING POWER with Extended Reach

The 5FT25 Captain 2500 stationary davit crane (up to 2,800 pounds) is designed for some of your heaviest loads. Permanently installed, it features a telescoping boom to reach, lift, and rotate loads a full 360 degrees—smoothly and easily. A screw jack comes standard to facilitate boom angle adjustments. For long or heavy lifts, add a Thern power winch for greater speed. Red-enamel finish and stainless-steel hardware resist wear in harsh conditions or environments. It is perfect for water/wastewater, manufacturing, marine, construction, and oil and gas applications.

### 360° Rotation & Flexible Operation

- Tapered roller bearing enhances smooth, 360-degree rotation under load for precise load placement. Integral 12-position (every 30 degrees) boom rotation lock facilitates heavy lifting and stabilizes unloading
- Rotation handle design does not interfere with boom angle adjustment for easier operation
- Telescoping boom length and adjustable boom angles accommodate a variety of height and reach requirements
- Choose from manual, drill-drive, or powered winch (electric, pneumatic, or hydraulic motors) operation to accommodate a variety of speed and power requirements. DC motors and various voltage AC motors available



Product Shown:  
5FT25-M1

### Durable Construction & Finish

- Boom, mast, and base are fabricated from heavy-gauge steel that limits deflection and meets/exceeds ASTM standards
- Red-enamel finish and stainless-steel fasteners resist the elements for long service life
- Epoxy finishes are available for corrosive environments

## STANDARD CONFIGURATIONS

Series	IMPERIAL/METRIC	
	Description	Up To Capacity
5FT25-M1	Red-enamel crane and ratchet jack with M452B-K spur gear hand winch	2,800 lbs / 1,270 kg
5FT25X-M1X	Gray-epoxy crane and ratchet jack with gray-epoxy M452BEGRA-K spur gear hand winch	2,800 lbs / 1,270 kg
5FT25-M2	Red-enamel crane and ratchet jack with 2W40V-BM-K worm gear hand winch	2,800 lbs / 1,270 kg
5FT25X-M2X	Gray-epoxy crane and ratchet jack with gray-epoxy 2W40V-BMX-K worm gear hand winch	2,800 lbs / 1,270 kg
5FT25-E2	Red-enamel crane and ratchet jack with 3WG4B-K electric winch	2,800 lbs / 1,270 kg
5FT25X-E2X	Gray-epoxy crane and ratchet jack with gray-epoxy 3WG4B-KX electric winch	2,800 lbs / 1,270 kg



NOTICE: These products are not for lifting people or things over people.

Refer to technical pages for detailed performance information.



# CAPTAIN 4000 Serie 5FT40

## CAPTAIN® 5FT40

### STATIONARY DAVIT CRANE

#### MASSIVE LIFTING POWER with Extensive Reach

The 5FT40 Captain Series stationary davit crane is designed for heavy loads up to 5,500 pounds (2,500 kg) and extended reach (ten feet). It also features a maximum hook height of 12 feet. The integral slewing drive withstands large axial, radial, and moment loads while allowing 360 degrees of smooth and easy rotation. A screw jack comes standard for boom angle adjustments. To ease operation and speed productivity, specify an optional power winch or the optional hydraulic boom angle adjustment—or both! Stainless-steel hardware and corrosion-resistant finishes, including an epoxy-based safety-yellow, resist wear in harsh environments. The 5FT40 is perfect for wind energy, marine, construction, water/wastewater, and oil and gas applications.

#### 360° Rotation & Flexible Operation

- Standard with manually operated slewing drive enhances smooth, 360-degree mast rotation under extreme loads for precise load placement
- Standard screw jack for easy boom angle adjustment
- Optional hydraulic boom adjustment package (includes cylinder, hand pump, and control valve) for boom angle adjustments while under load (5FT40H)

#### Crane Features & Configurations

- Telescoping boom and adjustable boom angles accommodate a variety of applications
- Choose from manual, drill-drive, or powered winch (electric, pneumatic, or hydraulic motors) operation to accommodate a variety of light or heavy loads and speeds. DC motors and various voltage AC motors available
- Standard recommended rope size is 3/8–1/2 inch based on your lifting requirements
- Configurable to meet European CE and ATEX standards



Product Shown:  
5FT40-E2

## STANDARD CONFIGURATIONS

Series	IMPERIAL/METRIC	
	Description	Up To Capacity
5FT40-M1	Red-enamel crane and ratchet jack with M452B-K spur gear hand winch	5,500 lbs / 2,500 kg
5FT40-M2	Red-enamel crane with 2W40V-BM-K worm gear hand winch and ratchet jack	5,500 lbs / 2,500 kg
5FT40X-M2X	Gray-epoxy crane with 2W40VEGRA-BMX-K worm spur gear hand winch and ratchet jack	5,500 lbs / 2,500 kg
5FT40-E2	Red-enamel crane with 3WG4B-K electric winch and ratchet jack	5,500 lbs / 2,500 kg
5FT40X-E2X	Gray-epoxy crane with 3WG4B-KX electric winch and ratchet jack	5,500 lbs / 2,500 kg
5FT40-E3	4HWF6M electric winch—see tech pages for winch options	5,500 lbs / 2,500 kg
5FT40X-E3	Gray-epoxy 4HW6M electric winch—see tech pages for winch options	5,500 lbs / 2,500 kg

All configurations available with 5FT40H crane excluding M1

### Durable Construction & Finish

- Boom, mast, and base are fabricated from heavy-duty steel that limits deflection and meets ASTM standards
- Corrosion-resistant finishes and stainless-steel fasteners resist the elements and harsh environments for long service life
- Standard red-enamel finish, optional galvanized, or epoxy (gray, safety-yellow, or custom-color) finishes are available



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Refer to technical pages for detailed performance information.

# OPTIONS & ACCESSORIES

## CRANE

### OPTIONS & ACCESSORIES



#### Base Anchor Kit

Model	Description
AN50A-5	(4) Hilti® zinc-plated steel fasteners 1/2" X 5.50" STL (5PA5, 5PF5, and 5PT5 cranes)
AN50A-5S	(4) Hilti® 304 stainless-steel fasteners 1/2" X 5.50" SST304 (5PA5, 5PF5, and 5PT5 cranes)
AN50A-5S316	(4) Hilti® 316 stainless-steel fasteners 1/2" X 5.50" SST316 (5PA5, 5PF5, and 5PT5 cranes)
AN62A-6	(4) Hilti® zinc-plated steel fasteners 5/8" X 6.00" STL (5PA10, 5PT10, 5PT20, and 5FT20 cranes)
AN62A-6S	(4) Hilti® 304 stainless-steel fasteners 5/8" X 6.00" SST304 (5PA10, 5PT10, 5PT20, and 5FT20 cranes)
AN62A-6S316	(4) Hilti® 316 stainless-steel fasteners 5/8" X 6.00" SST316 (5PA10, 5PT10, 5PT20, and 5FT20 cranes)

#### Rotational Lock

Model	Description
5P5LCK	For pedestal, wall, and flush-mount bases, 316 stainless steel—available for use 5PA5, 5PF5, and 5PT5

#### Cable Spooler

Model	Description
RW50	316 stainless-steel reel winds up wire rope when detached from crane

#### Wire Rope Keeper

Model	Description
RK19-25S	304 stainless-steel bracket holds free end of the wire rope when detached from the crane
RK19-25S316	316 stainless-steel bracket holds free end of the wire rope when detached from the crane

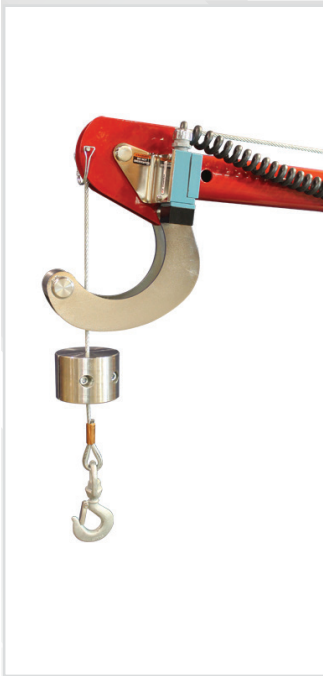
#### Roller Ball Bearing for 5PT10 Series Crane

Model	Description
5PT10BRG	Red electrostatic, powder-coat paint finish
5PT10BRG-S	304 stainless-steel, electro-polished finish for added protection against corrosion
5PT10BRG-S316	Stainless-steel, electro-polished finish for maximum protection against corrosion
5PT10BRG-SS	304 stainless steel, for use with stainless-steel base only
5PT10BRG-SS316	316 stainless steel, for use with stainless-steel base only

#### Roller Ball Bearing for 5PT20 Series Crane

Model	Description
5PT20BRG	Red electrostatic, powder-coat paint finish
5PT20BRG-S	304 stainless-steel, electro-polished finish for added protection against corrosion
5PT20BRG-S316	Stainless-steel, electro-polished finish for maximum protection against corrosion
5PT20BRG-SS	304 stainless steel, for use with stainless-steel base only
5PT20BRG-SS316	316 stainless steel, for use with stainless-steel base only

## Limit Switch Ready Winch Options



### Model

### Description

NOTE: Limit switch winch option requires purchase of Limit Switch and Headache Ball (sold separately)

#### For 5PF5, 5PA5, 5PA10, 5PT5, 5PT10, 5PT20 Series Cranes (sold separately)

E2L (5PA5, 5PA10)	4WP2V-KL electric winch—115/1/60 VAC with 6 ft pendant control—enamel
E2LX (5PA5, 5PA10)	4WP2VEGRA-KL electric winch—115/1/60 VAC with 6 ft pendant control—epoxy gray
E4L	4777-KL electric winch—115/1/60 VAC with 6 ft pendant control—enamel
E4LX	4777EGRA-KL electric winch—115/1/60 VAC with 6 ft pendant control—epoxy gray
E4DCL	4777DC-KL electric winch—12 volt DC with 10 ft pendant control—enamel
E4DCLX	4777DCEGRA-KL electric winch—12 volt DC with 10 ft pendant control—epoxy gray

#### For 5FT20 Series Crane Only (sold separately)

E2L	4WP2-KL electric winch—115/1/60 VAC with 6 ft pendant control—enamel
E2LX	4WP2EGRA-KL electric winch—115/1/60 VAC with 6 ft pendant control—epoxy gray
E4L	4771-KL electric winch—115/1/60 VAC with 6 ft pendant control—enamel finish
E4LX	4771EGRA-KL electric winch—115/1/60 VAC with 6 ft pendant control—gray-epoxy finish
E4DCL	E4DCL 4771DC-KL electric winch—12 volt DC with 10 ft pendant control—enamel finish
E4DCLX	4771DCEGRA-KL electric winch—12 volt DC with 10 ft pendant control—gray-epoxy finish

#### For 5PT30, 5FT25, 5FT40 Series Crane Only (sold separately)

E2L	3WG4B-KL electric winch—115/1/160 VAC with 6 ft pendant control—enamel finish
E2LX	3WG4BEGRA-KL electric winch—115/1/160 VAC with 6 ft pendant control—epoxy-gray finish
E2TL	3WG4BMT-K electric winch—115/1/160 VAC with 6 ft pendant control—enamel finish (Unavailable for use with 5FT40)
E2TLX	3WG4MTX-KL electric winch—115/1/160 VAC with 6 ft pendant control—epoxy-gray finish



## Drill Drive Kit

### Model

### Description

ED330-DW11	120 VAC, 11-amp, 330 rpm drill motor to power drive the hand winch. Only available for cranes configured with the M2 winch option. Includes 1-1/8" hex drive socket
ED300-DW06	Cordless drill kit, 60 V brushless motor, 300 rpm drill motor to power drive the M2 hand winch option. Includes 1-1/8" hex drive socket
ED400-DW09	Heavy-duty cordless drill kit, 60 V brushless motor, 400 rpm drill motor to power drive the M2 hand winch option. Includes 1-1/8" hex drive socket



## Headache Ball

### Model

### Description

HB10-12-25	Red enamel painted 10 lb fits 1/8" to 1/4" rope
HB10-25-38	Red enamel painted 10 lb fits 1/4" to 3/8" rope
HB10S-12-25	Stainless-steel 10 lb fits 1/8" to 1/4" rope
HB10S-25-38	Stainless-steel 10 lb fits 1/4" to 3/8" rope
HB10S-44-50	Stainless-steel 10 lb fits 7/16" to 1/2" rope



## Base Extension

### Model

### Description

5BE5-15	Available on 5PF5, 5PT5, 5PT10, and 5PT20 with powder-coat, galvanized, 304 & 316 stainless-steel, and epoxy finishes
5BE10-15	
5BE20-15	

## VINCA products

- Bridges crane and gantry cranes
- Jib cranes
- Hoists and winches
- Scissor Tables and scissor lifts
- Elevators/Lifts for loads (PLT)
- Dock levelers
- Moving Dock levelers (RMC)
- Coats Furniture
- Wheel-lok (Vehicle Immobilizer)
- Safety equipment for docks
- Vacuum lifters VACU-LIFT
- Industrial Manipulators
- Pallet Inverters /Tippers
- Levelers NIVELMATIC
- Tilters inclinators
- Skips
- Industrial fans
- Industrial flexible doors, high speed doors
- Cold storage doors
- Fire doors
- Safety gates DOK-GUARDIAN
- Festoon for mobile equipment
- Lifting appliances
- Industrial Radio Controls
- After Sales Service for above equipment

⊕ ATEX classified equipment as option.



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