

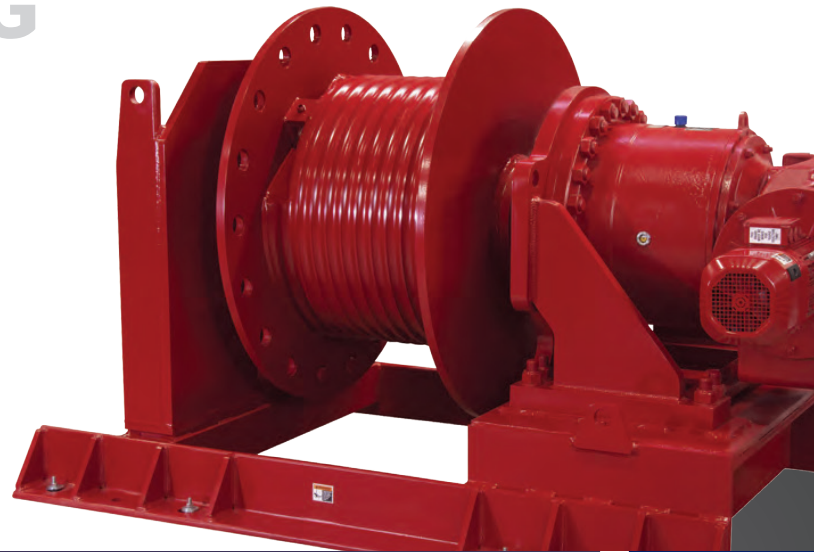
VINCA

EQUIPOS INDUSTRIALES



LEAVE THE **HEAVY LIFTING** TO US

PRODUCT CATALOG



Davit Cranes

17.1 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>850 lbs (385 kg) up to 236 ft (71.9 m) First Mate® 5PF5</p> |
| |  <p>500 lbs (226 kg) up to 235 ft (71.6 m) Ensign® 5PA5</p> |
| |  <p>1,200 lbs (544 kg) up to 281 ft (85.6 m) Ensign® 5PA10</p> |
| |  <p>650 lbs (300 kg) up to 287 ft (87.4 m) Commander® 5PT5</p> |
| |  <p>1,200 lbs (544 kg) up to 287 ft (87.4 m) Commander® 5PT10</p> |
| |  <p>2,000 lbs (907 kg) up to 435 ft (132.5 m) Commander® 5PT20</p> |
| STATIONARY CRANES | |
| Capacity 0 to Max Lift Series Model |  <p>2,000 lbs (907 kg) up to 278 ft (84.7 m) Captain® 5FT20</p> |
| |  <p>2,800 lbs (1,270 kg) up to 278 ft (84.7 m) Captain® 5FT25</p> |
| |  <p>5,500 lbs (2,500 kg) up to 174 ft (53.0 m) Captain® 5FT40</p> |
| |  <p>3,000 lbs (1,360 kg) up to 224 ft (68.2 m) 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®

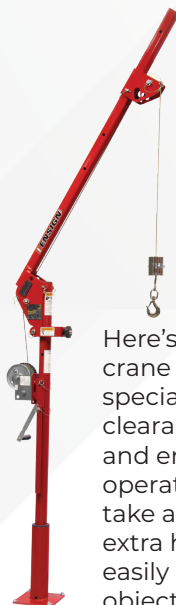
Up to 850 lb / 385 kg Capacity



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



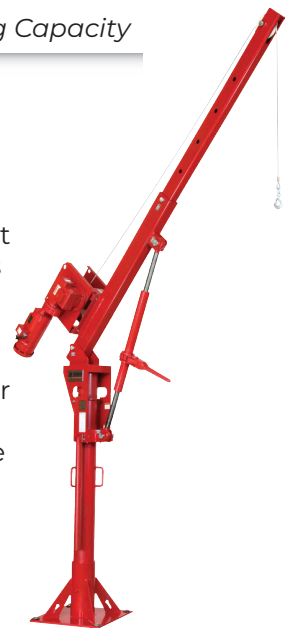
Designed for permanent installation and smooth 360° rotation, you can rely on this series to provide extended height and reach, as well as heavy-duty capacity.

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

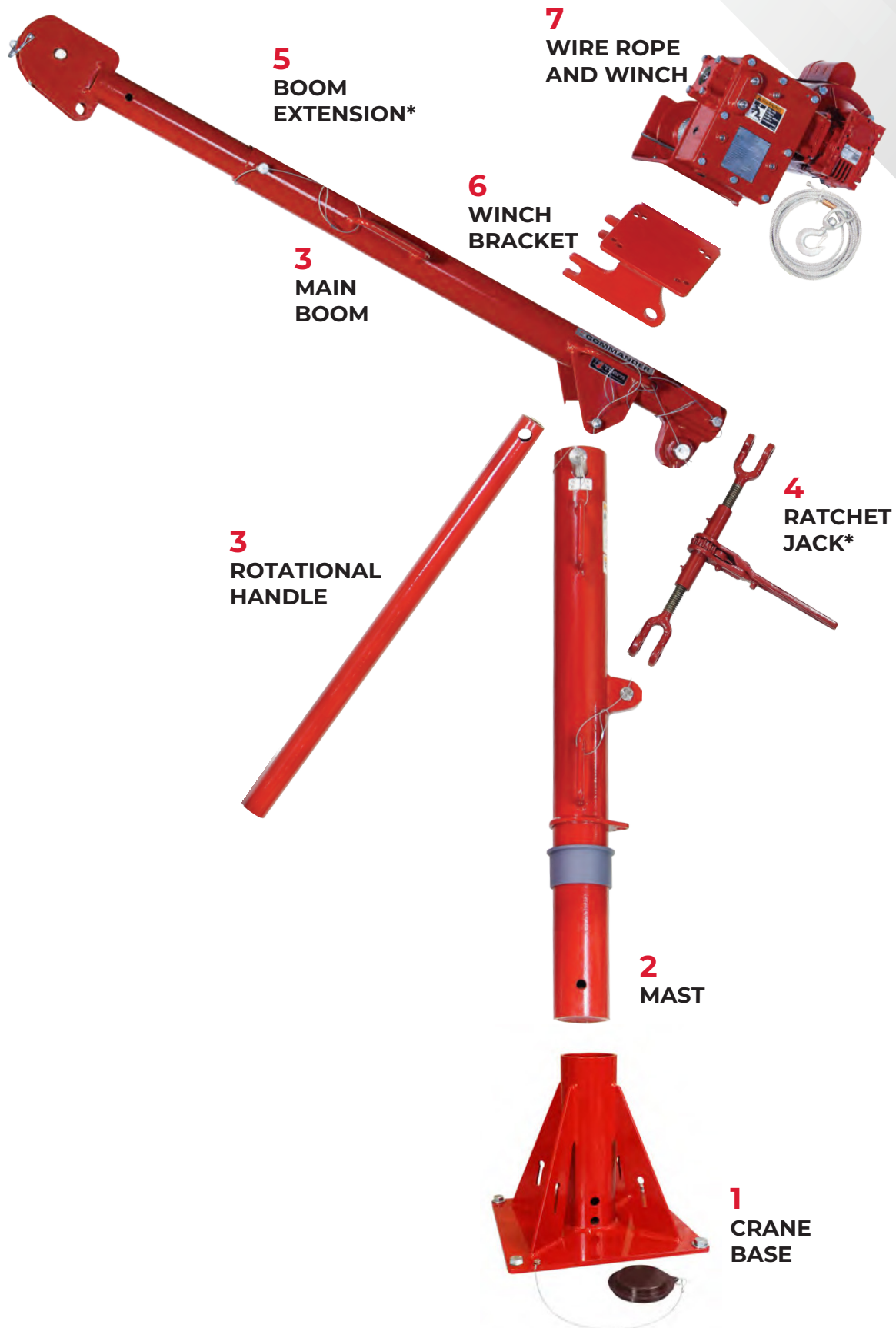
Rotate ratchet jack to lower main boom to just above horizontal position. Insert boom extension and secure with attached clevis and lynch pins.

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[®] 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[®] 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 |
|------------|---|--------------------|
| 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.

COMMANDER 2000 Serie 5PT20

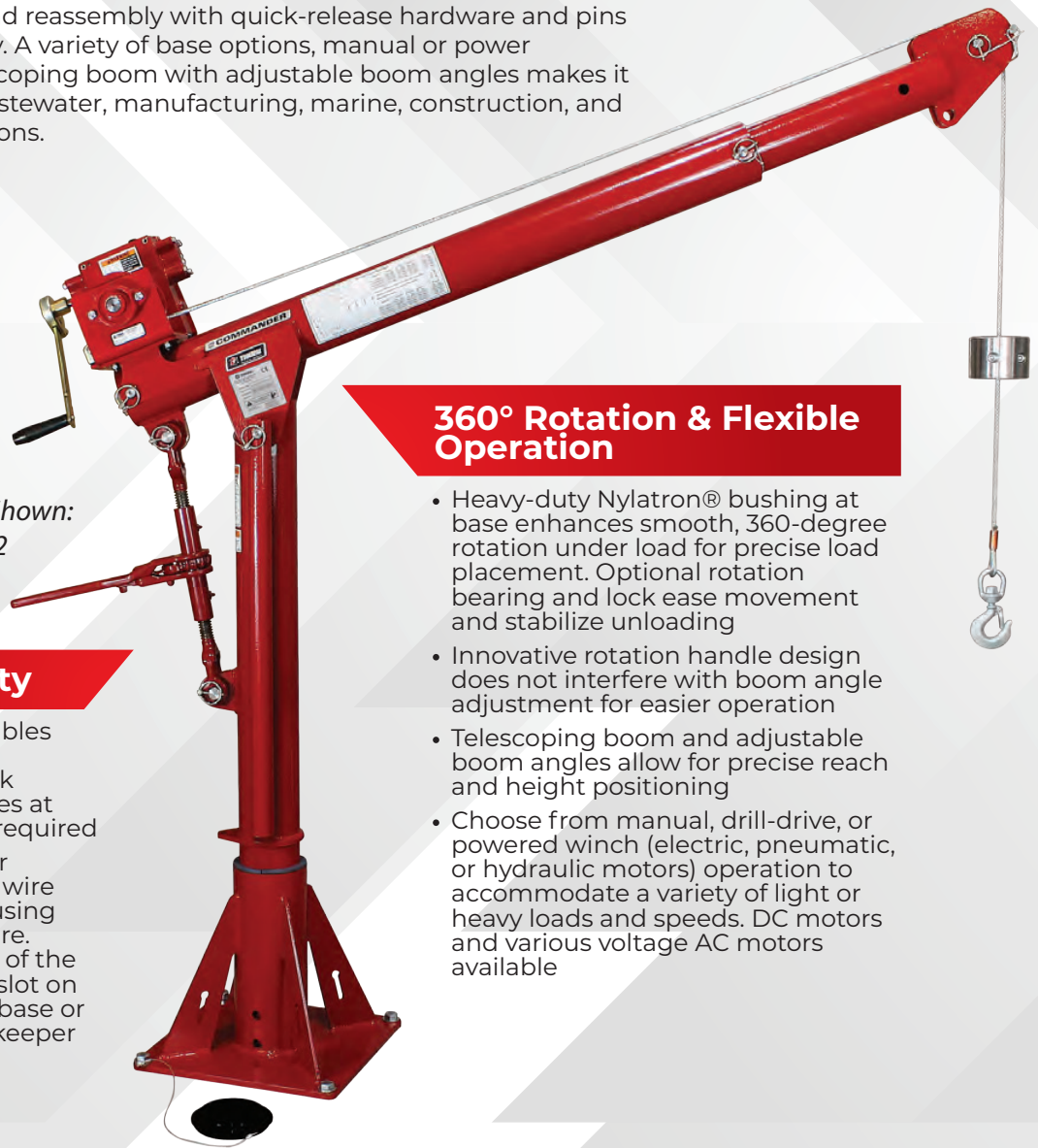
COMMANDER® 5PT20

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

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.

ADMIRALL 3000 Serie 5PT30

ADMIRAL[®] 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® 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 |
|------------|---|--------------------|
| 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



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® 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



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

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 |

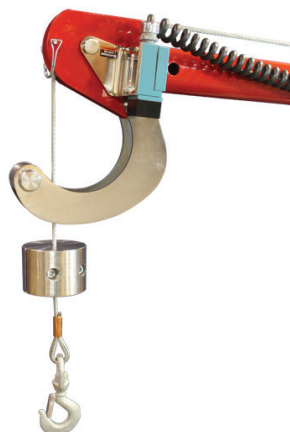
Roller Ball Bearing for 5PT10 Series Crane

| 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.



VINCA

EQUIPOS INDUSTRIALES

C/ Técnica, 39
 Pol. Ind. Torre Bovera
 08740 Sant Andreu de la Barca
 BARCELONA
www.vinca.es

BARCELONA

T. (+34) 93 635 61 20
 F. 93 635 61 30
info@vinca.es

MADRID

T. (+34) 616 91 69 82
madrid@vinca.es

VALENCIA

T. (+34) 647 817 537
valencia@vinca.es

GALICIA

T. (+34) 648 923 832
galicia@vinca.es

