



ANew  
SPECIES OF  
**CRANE**

 **ENSIGN**

Series by  **THERN**

**LEAVE THE HEAVY LIFTING TO US**

  
Made in the USA

**CE**

**ISO**  
9001:2008  
REGISTERED



# ENSIGN 500

## SERIES FEATURES

### ADJUSTABLE SHEAVE BLOCK

Sheave easily adjusts without tools to 4 different positions allowing for a wide range of height and reach combinations.

### ADJUSTABLE BOOM ANGLE

Convenient stainless steel adjustment screw, with comfortable turning knob, allows for easy, one-hand boom adjustment when not under load.

### QUICK-MOUNT WINCH BRACKET

A variety of Thern winches can be attached to the bracket. After a winch is attached to the bracket, the bracket is easily mounted (without tools) to any of three convenient/ergonomic positions on the mast via quick-connect pins.

### NYLATRON FLANGE BEARING

The Ensign 500 features a nylatron bearing that supports the mast at the top of the base to assist with the crane's 360° smooth rotation.

### TAPERED ROLLER BEARING

A tapered roller bearing, pinned to the bottom of the mast, allows the crane to rotate 360° under load. Standard only on the Ensign 500.

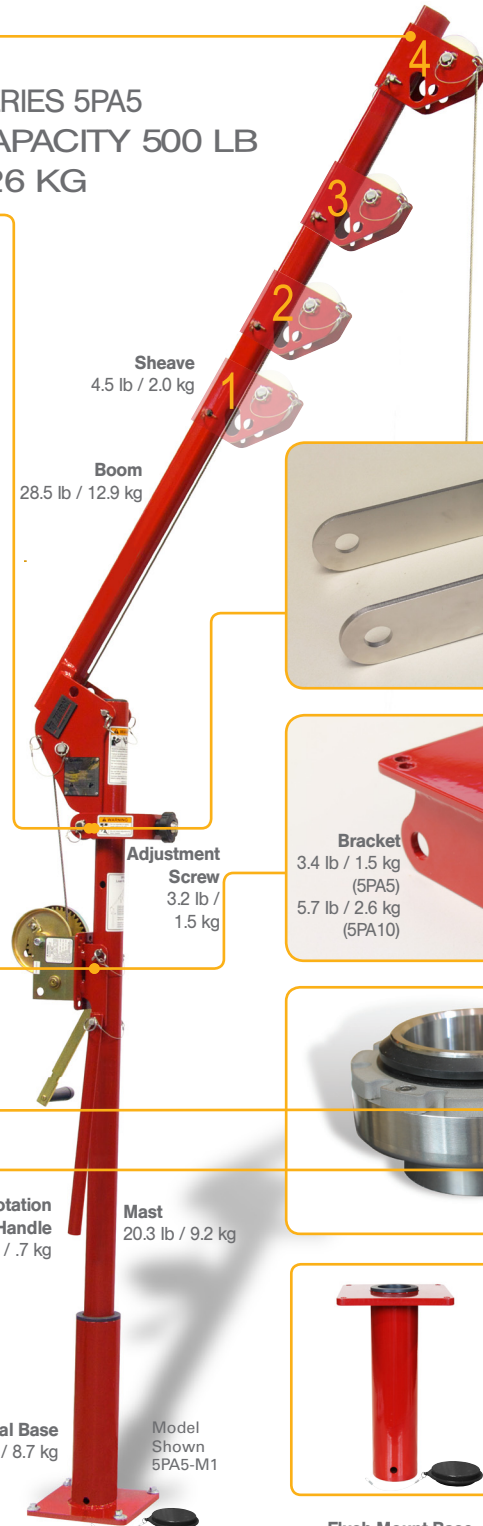
### ROLLER/BALL BEARING\*

Standard on Ensign 1000, the specially designed roller/ball bearing at top of base requires no tools for installation. Allows smooth, easy 360° crane rotation under load.

### STAINLESS STEEL LOCK\*

Stainless steel lock assembly keeps crane in position during winch operation and when not in use. Included with roller/ball bearing.

SERIES 5PA5  
CAPACITY 500 LB  
226 KG



Sheave  
4.5 lb / 2.0 kg

Boom  
28.5 lb / 12.9 kg

Adjustment  
Screw  
3.2 lb /  
1.5 kg

Rotation  
Handle  
1.6 lb / .7 kg

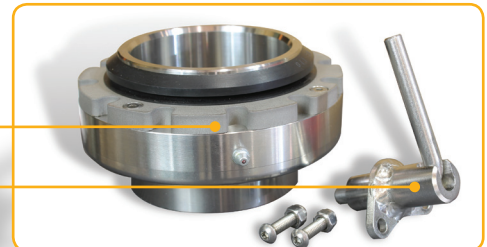
Mast  
20.3 lb / 9.2 kg

Pedestal Base  
19.2 lb / 8.7 kg

Model  
Shown  
5PA5-M1



Bracket  
3.4 lb / 1.5 kg  
(5PA5)  
5.7 lb / 2.6 kg  
(5PA10)



Flush Mount Base  
19.2 lb / 8.7 kg



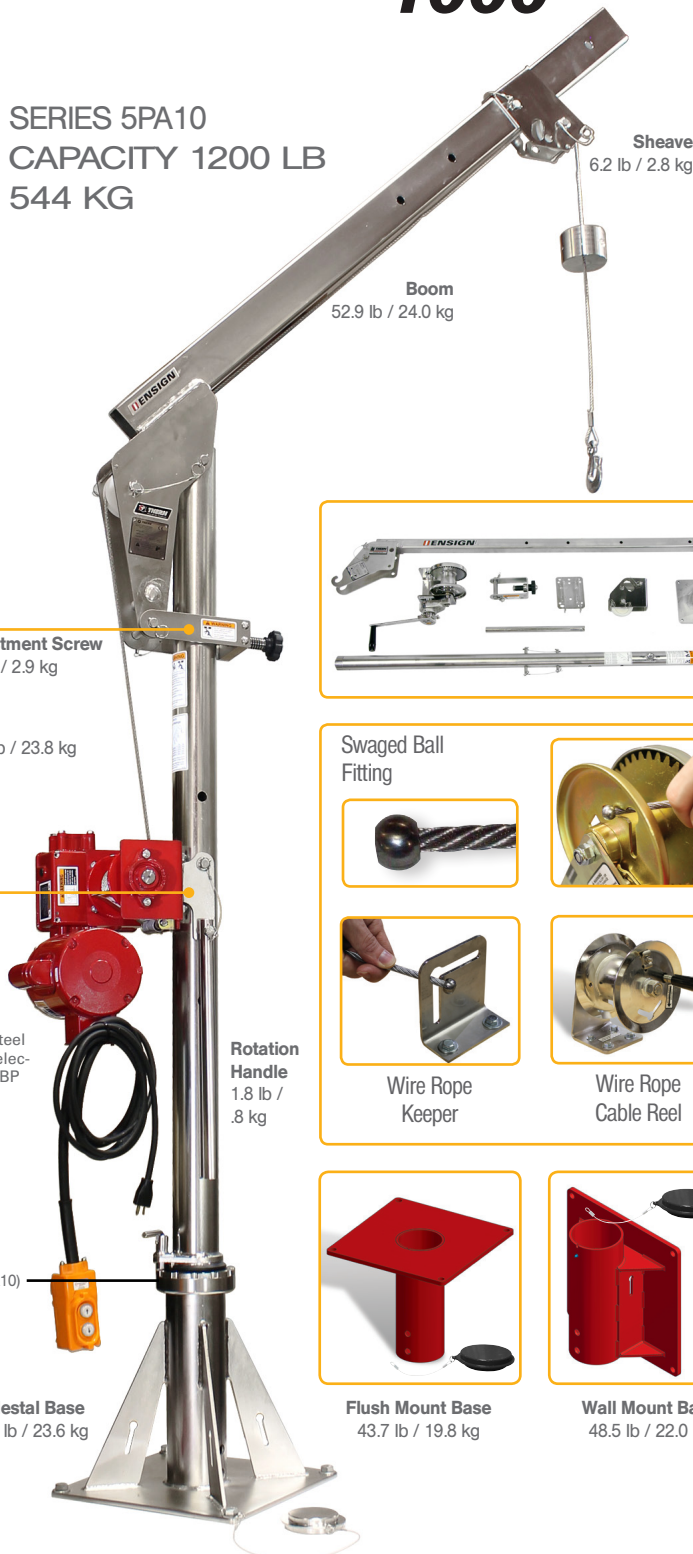
Wall Mount Base  
20.7 lb / 9.4 kg

\*Not available on the Ensign 500

# ENSIGN SERIES

## ENSIGN 1000

SERIES 5PA10  
CAPACITY 1200 LB  
544 KG



### TRADITIONAL FEATURES

#### MANUAL OR POWER OPERATION

Thern davit cranes can be configured with a manual winch for short, infrequent lifts or a power winch for longer lifts or heavier loads. Choose from Thern's spur or worm gear hand winches or power winches with 115/1/60 as standard. Other voltages available as well as pneumatic, hydraulic or DC Volt power operation.

#### CORROSION RESISTANT FINISH

Electrostatic powder coated crane and stainless steel fasteners combine to resist corrosion in harsh environments. Other options available include: galvanized, stainless steel and epoxy finishes.

#### EASY ASSEMBLY/DISASSEMBLY

Quick-release stainless steel pins allow for easy assembly and quick disassembly for transport or storage. No tools required.

#### QUICK DISCONNECT ANCHOR

For quickly attaching or removing wire rope equipped with a swaged ball fitting - Allows the operator to leave the wire rope attached to the load at all times and simply remove the rope from the winch and attached to the optional wire rope keeper or cable reel.

#### VARIETY OF BASES

Pedestal, flush and wall mount bases allow for a variety of mounting solutions and are easily installed to a variety of solid surfaces with anchor bolts or other fastening methods. Bases sold separately. Base cap included with lanyard keeps water and debris out of base when crane is removed.

#### 2 - YEAR WARRANTY

Industry-leading two-year limited warranty on all our products.



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

a reputation of  
*Excellence*

With over 65 years of varied experience and continuous research, development and testing, Thern winches and cranes have established a worldwide reputation for toughness, versatility and reliability. Today, Thern continues its tradition of excellence by providing standard and customized load handling equipment to leading companies all around the world. The company offers lifting and pulling solutions to a variety of industries.



Bulk Handling



Construction



Defense/Government



Manufacturing



Mining



Oil & Gas



Theatre



Utilities  
Power Generation



Water/Wastewater



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