



INTRODUCING A NEW SPECIES OF CRANE

 **ENSIGN**

Series by  **THERN**

LEAVE THE HEAVY LIFTING TO US



ISO
9001:2008
REGISTERED

Winona, MN USA | 1.800.843.7648 | www.thern.com

ENSIGN

NEW ADJUSTABEL SHEAVE BLOCK

Sheave adjusts to 4 different positions allowing for a wide range of height and reach combinations.

WELDED STEEL CONSTRUCTION

Crane boom, mast and base fabricated from heavy-duty structural steel that limits deflection and meets ASTM standards.

MANUAL OR POWER OPERATION

Thern davit cranes can be configured with a spur gear hand winch equipped with automatic disc brake or worm gear hand winch with optional drill drive operation. Power winch is also available with 115/1/60 as standard. Other voltages available as well as pneumatic, hydraulic or DC Volt power operation.

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.

QUICK-MOUNT WINCH BRACKET

A variety of Thern winches can be mounted to the bracket. The bracket is then quickly mounted to any of three convenient/ergonomic positions on the mast with quick connect pins.

360° CRANE ROTATION

A comfortable and convient handle allows for 360° roation to position loads exactly where needed.

NYLATRON FLANGE BEARING

Standard on both models, a nylatron bearing supports the mast at the top of the base to assist with the crane's 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 on the Ensign 500.

ENSIGN
CAPACITY 500 LB / 227 KG
500

HAND 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.

Swaged ball fitting allows for easy installation of wire rope assemblies. Four drum wraps required for proper operation.

EASILY MOVED FROM ONE WORK STATION TO THE NEXT INTO PESESTAL, FLUSH OR WALL MOUNT BASES

**SPECIALLY DESIGNED WITH
THE WATER/WASTEWATER
INDUSTRY IN MIND**

SERIES CRANES

 **ENSIGN**
CAPACITY 1000 LB / 453.6 KG **1000**



**EASILY AND RELIABLY LIFT, LOWER,
POSITION OR PULL: Pumps, Gates,
UV Panels, Mixers, Equipment, Tools,
Trash Baskets, Man Hole Covers**



2-YEAR WARRANTY

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

NEW



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 crane rotation under load.

NEW



STAINLESS STEEL LOCK*

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

*Not available on the Ensign 500

10° ADJUSTABLE BOOM ANGLE **NEW**

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

WIRE ROPE ASSEMBLY

Available in a variety of lengths in galvanized and stainless steel. Sold separately.

HEADACHE BALL

Clamped to wire rope to keep cable taut when no load is attached. Sold separately.

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 clevis style stainless steel pins allow for easy assembly and quick disassembly for transport or storage. No tools required.

VARIETY OF BASES

Pedestal, flush and wall mount bases allow for a variety of mounting solutions. Bases sold separately. Heavy-duty base cap included with lanyard keeps water and debris out of base when crane is removed.

BASES EASILY INSTALLED

Our bases are easily installed to a variety of surfaces with anchor bolts or other fastening methods.



CRANE STANDARDS

- CE cranes available
- PE stamp available upon request
- ISO 9001:2008 Registered



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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Dealer Information



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