

ThorStack²

telescopic portable radial stacker



Available in lengths

Custom



Features & Benefits

1 Tail Undercarriage Hinge Point

The redesigned tail undercarriage hinge point matches the hinge axis point to the king-pin placement. This design feature alleviates any stress placed on the radial axle (in transport position) as the conveyor raises and lowers.

2 Emergency Braking System

In the unlikely event of winch cable breakage, the braking system is immediately engaged preventing the inner truss assembly from traveling backwards. The emergency braking system will prevent excessive damage from occurring and more importantly the risk of injury to any individual.

3 Stronger winch Cable

A 9/16" cable is standard adding strength and reliability thus minimizing the chance of winch cable failure.

4 Tail Undercarriage Fabricated With HSS

For added strength, durability and longevity of the ThorStack2, the tail undercarriage is constructed from hollow structural steel.

5 Door In Counterweight

A maintenance door is incorporated in the newly designed counterweight to allow for proper maintenance and flexibility of service.

6 5th Wheel Box (King-Pin)

Easier, quicker, more positive hook-up.

7 Transport Landing Legs (optional)

Allows off-loading from transport without the need of any additional equipment.

8 Ultrasonic Sensors

The sensors are calibrated to detect material at a pre-determined distance by emitting sound waves. The PLC constantly monitors this information and both:

- maintains the drop distance from the head pulley to the stockpile
- stops the radial movement if no material is detected on the conveyor belt.

9 Material Sensor

The ultrasonic sensor has been moved from its original location (above the head pulley on the main conveyor) to the counterweight to reduce exposure to material build-up and ultimately avoid any false start/stops.

THOR ADVANTAGE PROGRAM

2 YEAR
HEAD-TO-TAIL
WARRANTY

3 YEAR
STRUCTURAL
WARRANTY

gths up to 150'
om options to meet your requirements.

ThorStack

telescopic portable radial stacker



The Thor Telescopic Portable Radial Stacker has continuously set the standard for product innovation.

Through years of research and development and valuable input from hundreds of loyal ThorStack users, the ThorStack2 is the product of choice.

10 Galvanized Steel Mesh Guarding

Durable guarding greatly improves the safety of all personnel.

11 Weather-proof Limit Switches

Less downtime due to compromised seals which can cause poor conductivity.

12 Inductive Proximity Sensor

Accurately tracks the telescopic and radial action of the stacker, giving increased flexibility in determining radial travel parameters.

13 Panel & Hydraulic Station

The operator's station is further back towards the tail so the person operating the conveyor is in a safer position and not obstructed by the radial arm locking bar.

14 Trailing Cable

To reduce any unnecessary accumulation of material on the trailing cable, we have added a nylon cover to resist any build-up and cable fray caused by extended wear. Also to assist in eliminating material build-up is a UHMW cable cleaner.

15 UHMW Skirting

Placed between the stone box and the conveyor belt, the UHMW replaces the previous rubber flashing. UHMW, the most durable known thermoplastic, not only resists abrasion, moisture absorption and impacts from blunt objects, but also has an extremely low coefficient of friction. This material has proven to be very effective due to its unique combination of properties.

16 Thor Twin-Edge Belt Scraper

Designed for longer life with excellent belt scraping ability to ensure a clean belt return.

17 Hitch Pins For Radial Chain

Easy to install and remove for quicker setup.

18 Outer Truss Strengthened

4" x 4" main chord angle replaced with 6" x 4" for added truss strength & longer life.

19 Tow Hitch (Optional)

Quick and easy movement within the worksite.

20 Radial Safety Limit Switch

This back-up safety switch will terminate the radial motion should the machine travel beyond predetermined set points.

21 Load Equalizing System (L.E.S.) (Patented)

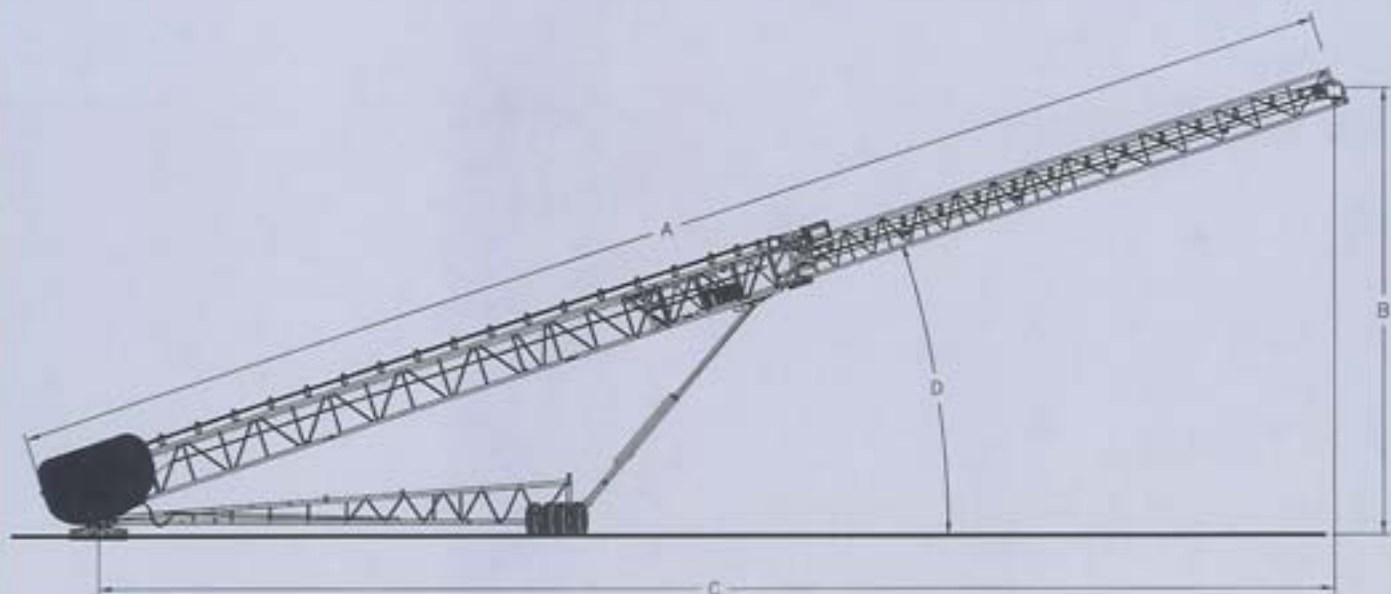
The patented L.E.S. is exclusive to the Thor and was engineered to effortlessly distribute the constantly changing load of the inner telescopic conveyor as it extends and retracts. Dual L.E.S. assemblies ensure that the shifting weight of the inner conveyor is always dispersed evenly, resulting in longer truss life.

22 PLC

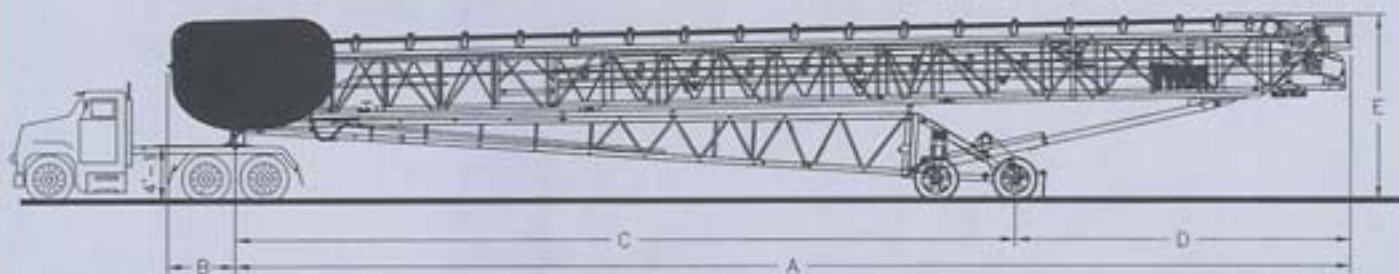
The Allen Bradley PLC 500 series PLC, combined with the ThorTouch operator input system is standard on the ThorStack2. The ThorTouch allows for seamless operation and added flexibility. Several pre-programmed stacking automation options are at your fingertips to best suit your application.

Think Conveyors, Think Thor.

Technical Specifications



MODEL	BELT WIDTH	CAPACITY	A	B	C	D
T140-5	36"	500 TPH	140'	46' - 1"	128' - 0"	18°
T140-8	36"	800 TPH	140'	46' - 1"	128' - 0"	18°
T150-8	36"	800 TPH	150'	53' - 11"	135' - 7"	20°
T150-10	36"	1000 TPH	150'	53' - 11"	135' - 7"	20°
T135-12	42"	1200 TPH	135'	43' - 4"	123' - 6"	18°
T135-15	42"	1500 TPH	135'	43' - 4"	123' - 6"	18°



MODEL	A	B	C	D	E
T140-5	81' - 5"	5' - 0"	56' - 11"	24' - 6"	13' - 6"
T140-8	81' - 5"	5' - 0"	56' - 11"	24' - 6"	13' - 6"
T150-8	86' - 3"	5' - 0"	62' - 9"	23' - 6"	13' - 9"
T150-10	86' - 3"	5' - 0"	62' - 9"	23' - 6"	13' - 9"
T135-12	83' - 0"	5' - 0"	56' - 11"	26' - 1"	13' - 10"
T135-15	83' - 0"	5' - 0"	56' - 11"	26' - 1"	13' - 10"

All sizes and dimensions are approximate and Thor Global Enterprises Ltd. reserves the right to make changes to their product at any time without notification.

Thor Global Enterprises Ltd.

839 Westport Crescent Mississauga, Ontario Canada L5T 1E7

TEL: 905-564-0440 FAX: 905-564-9602

TOLL FREE: 1-888-801-THOR (8467)

www.thorglobal.com