Telescopic Radial Stackers found throughout the world than any other make or model?

We invite you to compare.

1. Tail Undercarriage Hinge Point
   The re-designed tail undercarriage hinge point matches the radial axis point to the king-pin placement. This design feature alleviates any stress placed on the radial axle (while operating), as the conveyor raises and lowers.

2. Load Equalizing System (L.E.S.) (THOR Patents 6,056,252/2,223,202)
   The patented L.E.S. is exclusive to Thor and was engineered to distribute the constantly changing load of the inner telescopic conveyor, as it extends and retracts. Dual L.E.S. assemblies ensure that the shifting loads of the inner conveyor are always distributed evenly, resulting in longer truss life.

3. Stronger Winch Cable
   9/16” dia. 6x26 pre-stressed, galvanized Fibrecore cable is a standard feature, adding strength and reliability.

4. Tail Undercarriage Fabricated With HSS
   For added strength, the tail undercarriage is constructed from hollow structural steel.

5. Counterweight Access Port
   Allows visual inspection and greasing of the tail pulley bearings during operation.

6. 5th Wheel Box (King-Pin)
   Unique design provides easier and quicker hook-up from operating to transport positions.

7. Transport Landing Legs (optional)
   Allows un-hooking from the transport truck 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
   • maintains the drop distance from the head pulley to the stockpile,
   • pauses the radial movement, in automatic mode, if no material is detected on the conveyor belt,
   • never comes in contact with the material, and
   • requires no maintenance.

9. Galvanized Steel Mesh Guarding
   Durable guarding greatly improves the safety of all personnel. Stainless steel clips and fasteners provide easy access for maintenance.

10. Weather-proof Limit Switches
    Nema 4 rated switches mean less downtime.
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 satisfied ThorStack users, the ThorStack2 is the product of choice.

11. Inductive Proximity Sensors
   Accurately track the radial and telescopic motion of the stacker as well as providing increased flexibility in setting the radial and telescopic travel parameters.

12. Panel & Hydraulic Station
   The operator’s station is further back towards the tail end, placing the operator in a safe working position.

13. "Free Floating" UHMW Skirting
   Located between the stone box and the conveyor belt, the UHMW is designed to "float" on the belt, maintaining a constant point of contact, thereby minimizing material spillage. 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.

14. THOR Quick-Link Radial Drive Chain
   Hitch pins and over-sized chain link holes allow for easy installation.

15. Tow Hitch (optional)
   Allows quick and easy movement on the work-site.

16. Radial Safety Limit Switch
   This back-up safety switch will terminate the radial motion should the machine travel beyond pre-determined set points.

17. Emergency Braking System
   In the unlikely event of winch cable failure, the braking system will engage immediately and immobilize the inner truss.

18. INOVUS Automation Technology
   The Allen Bradley SLC 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 requirements. As well, we offer a GE-FANUC system as an option to the SLC 500. In addition, Thor can work with you to integrate our INOVUS technology with a wide variety of HMIs systems, including WONDERWARE and RVIEW.

19. ThorView Touchscreen Visor
   Driven by our desire to continually improve our products, the ThorView is a custom manufactured visor for the ThorTouch LCD screen that eliminates glare. Moulded from temperature resistant ABS polymer, the visor has been designed for the most extreme field conditions and environments.

20. Variable Frequency Radial Drive
   An SEW Movitrac® VFD is used on all our radial drives. This system allows full torque to be applied at all RPMs and speeds.

21. Dual Drive (optional)
   An optional second radial drive allows the ThorStack2 to maintain traction in the most demanding conditions.

22. Set-up
   Thor’s ORIGINAL and industry-proven Swing Axle combines SIMPLE design with QUICK set-up to provide the ThorStack2 with the most COST EFFECTIVE solution in the industry.

23. Conveyor Components
   Cema C components are standard. Nothing less.
### Technical Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>BELT WIDTH</th>
<th>CAPACITY/STPH</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-115</td>
<td>36&quot;</td>
<td>500, 800, 1000</td>
<td>115'</td>
<td>39'-0&quot;</td>
<td>103'-10&quot;</td>
<td>19&quot;</td>
<td>8'-7&quot;</td>
</tr>
<tr>
<td>T-120</td>
<td>36&quot;</td>
<td>500, 800, 1000</td>
<td>120'</td>
<td>40'-8&quot;</td>
<td>108'-7&quot;</td>
<td>19&quot;</td>
<td>8'-7&quot;</td>
</tr>
<tr>
<td>T-140</td>
<td>36&quot;</td>
<td>500, 800, 1000</td>
<td>140'</td>
<td>46'-1&quot;</td>
<td>128'-0&quot;</td>
<td>18&quot;</td>
<td>9'-8&quot;</td>
</tr>
<tr>
<td>T-150</td>
<td>36&quot;</td>
<td>500, 800, 1000</td>
<td>150'</td>
<td>54'-0&quot;</td>
<td>135'-8&quot;</td>
<td>20&quot;</td>
<td>9'-8&quot;</td>
</tr>
<tr>
<td>T-170</td>
<td>36&quot;</td>
<td>500 &amp; 800</td>
<td>170'</td>
<td>60'-10&quot;</td>
<td>154'-5&quot;</td>
<td>20&quot;</td>
<td>9'-8&quot;</td>
</tr>
<tr>
<td>T-135</td>
<td>42&quot;</td>
<td>1200 &amp; 1500</td>
<td>135'</td>
<td>44'-7&quot;</td>
<td>123'-1&quot;</td>
<td>18&quot;</td>
<td>9'-8&quot;</td>
</tr>
</tbody>
</table>

Max Travel Width 11’-6”

### Technical Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-115</td>
<td>72'-11&quot;</td>
<td>5'-0&quot;</td>
<td>46'-8&quot;</td>
<td>30'-10&quot;</td>
<td>13'-8&quot;</td>
</tr>
<tr>
<td>T-120</td>
<td>72'-11&quot;</td>
<td>5'-0&quot;</td>
<td>46'-8&quot;</td>
<td>30'-10&quot;</td>
<td>13'-8&quot;</td>
</tr>
<tr>
<td>T-140</td>
<td>81'-5&quot;</td>
<td>5'-0&quot;</td>
<td>56'-10&quot;</td>
<td>24'-6&quot;</td>
<td>13'-7&quot;</td>
</tr>
<tr>
<td>T-150</td>
<td>85'-5&quot;</td>
<td>5'-0&quot;</td>
<td>62'-8&quot;</td>
<td>22'-10&quot;</td>
<td>13'-9&quot;</td>
</tr>
<tr>
<td>T-170</td>
<td>98'-7&quot;</td>
<td>5'-0&quot;</td>
<td>70'-7&quot;</td>
<td>27'-11&quot;</td>
<td>13'-8&quot;</td>
</tr>
<tr>
<td>T-135</td>
<td>81'-5&quot;</td>
<td>5'-0&quot;</td>
<td>56'-11&quot;</td>
<td>24'-7&quot;</td>
<td>13'-11&quot;</td>
</tr>
</tbody>
</table>

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.