Elaborate system solutions

The WT 300 conveys its operator quickly and safely to a working height of 30 meters. Its extensively equipped workman basket on the 4-section extension boom provides the optimal working conditions at such heights. The variably extendable H-stabilizers allow for enormous outreach. And by means of the innovative $0^\circ/2^\circ$ automatic, that outreach can be fully utilized in any situation.
**Workman basket**

The workman basket has a slewing area of 160°, and the outreach is fully adjustable from the basket in accordance with the load. All four stabilizers can be clearly controlled from the basket for maximum comfort.

---

**Efficient control system**

Working efficiently means a remote control system from the workman basket which can display all help and warning instructions in text format, as well as the most important technical data as a graphic display. The home function, for example, is standard. All platforms come equipped with a standard electronic Back-up/Emergency control on the base and an emergency control (emergency lowering system) in the workman basket.

---

**Accurate setup to 2°**

In order to attain maximum outreach on every job, the slope measurement on the column automatically shifts between the 0° and 2° range.

---

**Slewing within the vehicle width**

The ergonomically designed column enables the truck mounted access platform to be slewed within the width of the contours of the exterior mirrors. Street traffic is therefore not interrupted.

---

**Options for higher performance**

Electronic comfort functions to increase performance include the memory function, the rabbit-turtle function, and an equalizer to individually adjust the characteristics of the vehicle movements.
Hydraulics

The proper oil temperature is essential for smooth operation and, therefore, needs to be constantly monitored. In case of increased oil temperature, a safety control automatically activates an integrated cooling system. Load-bearing cylinders are equipped with redundant block valves.

Internal routing

All power guides, chains, cables and telescopic cylinders are internally routed in the boom system. This provides optimal protection against damage and weather. The vehicle's outer appearance is marked by smooth surfaces and a clear alignment.

Fully adjustable stabilizers

Fully adjustable and automatically leveled stabilizers optimize the working range. The column incline is also monitored and the potential working range automatically calculated.

Safety ground pads

The innovative safety ground pads guarantee the best grounding and the optimal pressure distribution on the floor. This important component between the platform and the ground comes as a standard.

Service friendliness

Comprehensive service functions are integral to our access platforms: operating-hour meter, remote maintenance, error file memory, freely programmable height limitation, diagnostic tools and remote diagnostic devices via wireless modem and remote maintenance systems. To ensure readily available supplies, the electronic components of models ranging from the WT 230 up to the WT 700 are the same whenever possible.
Tailored client solutions

WT 300 Working range

Specifications of basic model
- Max. working height: 30 m
- Max. basket floor height: 28 m
- Max. horizontal outreach: 19.50 m / 100 kg

Workman basket
- Dimensions of the standard workman basket (B x L x H): 1.60 x 0.80 x 1.10 m
- Slewing range of basket: 2 x 80°
- Max. permissible load: 320 kg
- Motor Engine Start/Stop in the workman basket: standard
- Synthetic cover on control panel: standard
- 230 V CEE outlet in the workman basket: standard
- Anchor points to secure safety belt: standard
- Electronical controlled proportional remote control: standard
- Graphic display: standard
- Collision protection for basket and jib boom: standard
- 24 V socket in the workman basket: standard
- Basket interchange system: standard
- Overload control in the workman basket: standard

Boom system
- Number of extensions: 3
- Self centering system: standard
- All power guides and hydraulic and mechanical equipment internally routed and optimally protected against damage: standard
- Hydraulic jib boom, working range: 195°
- Automatic transport locking device for jib boom: standard
- Automatic return of main boom to transport position: standard
- “Home Function”

Slewing system
- Slewing within mirror width: standard
- Slewing range: 540°
**Stabilizers**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Function of the stabilizers</td>
<td>partial variable, H-type</td>
</tr>
<tr>
<td>Min. stabilizer spread – all outriggers in</td>
<td>2.50 m</td>
</tr>
<tr>
<td>Max. stabilizer spread – both sides horizontally extended</td>
<td>5 m</td>
</tr>
<tr>
<td>Stabilizer control from the workman basket</td>
<td>standard</td>
</tr>
<tr>
<td>Max. permissible inclination 2°</td>
<td>standard</td>
</tr>
<tr>
<td>4 Safety plates</td>
<td>standard</td>
</tr>
<tr>
<td>Half automatic stabilizing</td>
<td>standard</td>
</tr>
<tr>
<td>Permanent ground pressure control</td>
<td>standard</td>
</tr>
</tbody>
</table>

**Carrier vehicle and installation**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>GVW class</td>
<td>7.49 t</td>
</tr>
<tr>
<td>Length in transport position</td>
<td>8.65 m*</td>
</tr>
<tr>
<td>Width in transport position</td>
<td>2.50 m*</td>
</tr>
<tr>
<td>Height in transport position</td>
<td>3.50 m*</td>
</tr>
<tr>
<td>Angle of slope</td>
<td>approx. 9°*</td>
</tr>
<tr>
<td>Hydraulic oil tank with return line filter</td>
<td>standard</td>
</tr>
</tbody>
</table>

*) depending on carrier vehicle

**Manual and emergency controls**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated in the body – well-protected and lockable</td>
<td>standard</td>
</tr>
<tr>
<td>Emergency lowering system in the basket</td>
<td>standard</td>
</tr>
<tr>
<td>Back-up/Emergency control at the base</td>
<td>standard</td>
</tr>
<tr>
<td>Protection for cabin of chassis</td>
<td>standard</td>
</tr>
</tbody>
</table>