ATLAS Teamwork:

AW 1120

• powerful drive
• optimal traction
• advanced compaction technology
## Options

- Canopy version with ROPS roll bar and waterproof seat
- Air conditioning (not for Canopy version)
- Padfoot shell kit (3-part) for modification of a smooth drum
- Spring steel scraper blade (for smooth drum only)
- Vulcolan scraper blade (for smooth drum only)
- Cyclone dust separator
- Battery main switch
- Reverse gear alarm
- Rotating light
- Radio
- Radio preparation
- Special colour
- ATLAS hydraulic fluid (environment-friendly)
- Compaction measurement (digital display)
- Compaction measurement with documentation
- Preparation for compaction measurement
- Turnable driver’s seat
- Fuel-efficient ECO-Speed option

## Compaction performance

<table>
<thead>
<tr>
<th>Linear drum load</th>
<th>kg/cm</th>
<th>32.80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amplitude high / low</td>
<td>mm</td>
<td>1.8 / 0.6</td>
</tr>
<tr>
<td>Frequency at high/low Amplitude</td>
<td>Hz</td>
<td>30 / 40</td>
</tr>
<tr>
<td>Centrifugal force at high/low Amplitude</td>
<td>kN</td>
<td>240 / 140</td>
</tr>
</tbody>
</table>

## Drum

- Drum width: mm 2100
- Drum diameter: mm 1500
- Drum shell thickness: mm 30

## Drive

- Speed: km/h 0-11.5
- Angular movement: ±12
- Gradeability w/wo vibration: % 45 / 48
- Tyres: 23.1-26

## Engine

- Model: Deutz TCD 2012 L4
- Type: Deutz TCD 2012 L4
- Output: kW 96 (130 HP)

## Tank capacities

- Fuel capacity: l 300
- Hydraulic oil capacity: l 106

## Standard equipment

- ROPS-Cabin with tinted glass, 2 doors, both sides divided
- Low-maintenance centre-pivot steering
- Low-maintenance vibratory system with 2 amplitudes and frequencies
- No-spin rear axle
- Four-stage hydrostatic drive with traction control
- Both drives equipped with spring-loaded brake
- Adjustable driver’s seat with armrest, adjustable steering column
- Emergency switch
- 4 working headlights
- Adjustable scraper
- Hot water heating with fresh-air fan

### Technical Specification

<table>
<thead>
<tr>
<th>Dimensions (in mm)</th>
<th>AW 1120</th>
<th>AW 1120 PD*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance between axles</td>
<td>A</td>
<td>3195</td>
</tr>
<tr>
<td>Width</td>
<td>B</td>
<td>2270</td>
</tr>
<tr>
<td>Road clearance</td>
<td>D</td>
<td>490</td>
</tr>
<tr>
<td>Height</td>
<td>H</td>
<td>2920</td>
</tr>
<tr>
<td>Drum diameter</td>
<td>H₁</td>
<td>1500</td>
</tr>
<tr>
<td>Length</td>
<td>L</td>
<td>5757</td>
</tr>
<tr>
<td>Inside turning radius</td>
<td>R</td>
<td>4860</td>
</tr>
<tr>
<td>Outside turning radius</td>
<td>R₁</td>
<td>7015</td>
</tr>
<tr>
<td>Width above tyres</td>
<td>W</td>
<td>2090</td>
</tr>
<tr>
<td>Drum width</td>
<td>W₁</td>
<td>2100</td>
</tr>
<tr>
<td>Angle of steering lock</td>
<td>α</td>
<td>±30°</td>
</tr>
</tbody>
</table>

* PD = padfoot drum

Subject to technical alterations.