The 5-axle All Terrain Crane

The sophisticated drive concept of the all terrain crane means that it can be transported for use by road in an incredibly cost-efficient manner while still maintaining optimal good terrain mobility on construction sites. Every single TADANO all terrain crane available worldwide is developed and manufactured on our site in Lauf an der Pegnitz and therefore has the “Made-in-Germany” quality seal.

ATF 110G-5

The ATF 110G-5 is ideally suited for low and average load ranges as well as for the high load range of the 110 t class. Whether with an optional 8.7 t counterweight and a 16.2 m boom extension, a 11 t counterweight without boom extension, or with the full counterweight of 35 t. The ATF 110G-5 is one of the most powerful cranes in its class.

Maximum lifting capacity: 110,000 kg at 3.0 m
Maximum boom length: 52.0 m
Maximum jib length: 30.1 m
Maximum lifting height: 53.0 m (boom)
84.0 m (boom+ jib)
Maximum load radius: 48.0 m (boom)
64.0 m (boom + jib)
Maximum weight of counterweight: 35.0 t
Extension width of outriggers: 7.5 / 5.0 m

Optional:
Tiltable fly jib

Adjusting seat tilt
The seat can be tilted for 15°. It is useful when performing a high lifting work such as a jib lift.

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The high performance moment limiter comes standard and aids the operator in maintaining safe operation.

For extension and retraction of sections, 5 section box type construction consisting of 1 base section and 4 telescopic sections are extended by a single telescoping cylinder. All sections are fully extended/retracted automatically and locked in the selected working position.

Single telescopic cylinder
For extension and retraction of sections, 5 section box type construction consisting of 1 base section and 4 telescopic sections are extended by a single telescoping cylinder.

Operator comfort
The crane cab provides improved livability and offers the operator a more comfortable working environment.
Tadano’s carriers boast highway speed capacity and maneuverability ideal for both on and off-road construction as well as industrial projects. These models enable access to confined job site because of their all wheel steering.

Two-person, full-width cabin
The full-sized cabin accommodates two passengers, allows comfortable traveling for the operator.

Automatic mechanical transmission

High performance engine
Mercedes-Benz 8 cylinder model OM 502 LA (Euromot III A/EPA III)
Rated: 390 kW (530 PS) at 1800 min⁻¹
Torque: 2400 Nm (245 kpm) at 1300 min⁻¹

Transmission
ZF-AS-Tronic 16 AS 2631 mechanical transmission with electro-pneumatically operated dry-type clutch and automatic gear shifting with 16 forward gears and 2 reverse gears.

<table>
<thead>
<tr>
<th>Max traveling speed</th>
<th>Overall length</th>
<th>Overall width</th>
<th>Overall height</th>
<th>Drive/steering</th>
</tr>
</thead>
<tbody>
<tr>
<td>85 km/h</td>
<td>14.91 m</td>
<td>2.75 m</td>
<td>4 m</td>
<td>10 x 6 x 8</td>
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</tbody>
</table>

Tires: 445/95 R25 (16.00 R25)

 Optional