AT15-3
PICK AND CARRY CRANE

MAXIMUM CAPACITY: 15t
MAXIMUM BOOM LENGTH: 17.9m
MAXIMUM HOOK HEIGHT: 17m

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The AT 15-3 is our most compact pick and carry crane, with a maximum lifting capacity of 15 tonne (17 USt). This crane combines safety and comfort with exceptional steering flexibility, providing the operator with the ability to lift and manoeuvre in tight spaces. Like all Franna cranes, the AT 15-3 is as comfortable on the road as it is on the job site.

**KEY FEATURES AND BENEFITS:**

- 15 tonne at 1.6m radius
- 1.05 tonne at 15.8m radius
- 17m maximum hook height
- 10.5 tonne capacity on 3 part hook block
- Single line pull 3.5 tonne
- Wide stance boom lift cylinders enhance operator’s vision.
- Easy access to all key maintenance points
- Modern cabin design ensures maximum comfort for the operator
# TECHNICAL DESCRIPTION

## 01. Boom
- Maximum boom length: 17.9m
- Maximum hook height: 17m
- Boom elevation angle range: -5° / 60°
- Maximum hook height with jib: 19.5m
- Articulation: 40° R / 40° L
- Machinery hook (rhino): 8 tonne

## 02. Winch
- Maximum line pull: 3.5 tonne
- Two speed winch: 35m/min / 70m/min
- Hook block (3 part): 10.5 tonne maximum rated capacity

## 03. Engine & Transmission
- Standard engine: Mercedes OM 906
- Engine power: 170kW
- Engine torque: 810 Nm
- Fuel Type: Diesel
- Fuel Capacity: 330 litre
- Transmission: Allison 5 speed
- Transfer case: ZF 2:1 Ratio

## 04. Hydraulic System
- Axial piston pump: 62cc/rev
- Maximum pump flow rate: 130 litre/min
- Maximum working pressure: 210 bar
- Hydraulic tank capacity: 120 litre

## 05. Chassis
- Front Axle: 6,000 kg
- Rear Axle: 10,000 kg
- Axle total: 16,000 kg
- Turning circle: 6.6m

## 06. Brakes & Suspension
- Brake System: Air operated drum brakes
- Suspension: Two semi elliptic springs on front and rear axle plus torsion bar on front axle for stability

## 07. Vehicle Performance
- Maximum rated travel speed: 80 km/h
- Gradeability: 50%
DIMENSIONS / AREA OF OPERATION

Plan view

Right hand view

Area of operation
NOTE: Rated Capacity values shown are for the Pick and Carry Chart.
## LOAD CHART

### RATED CAPACITY CHART - FALL BLOCK

<table>
<thead>
<tr>
<th>RAD</th>
<th>BOOM LENGTH (m)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>5.66</td>
</tr>
<tr>
<td>m</td>
<td>kg</td>
</tr>
<tr>
<td>1.6</td>
<td>10500</td>
</tr>
<tr>
<td>2.0</td>
<td>10500</td>
</tr>
<tr>
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<td>10400</td>
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<tr>
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</tbody>
</table>

### KEY:
- **RC (KG) LESS THAN 10 DEG ARTICULATION**
- **RC (KG) GREATER THAN 10 DEG ARTICULATION**
- **9 BOOM ANGLE**
- (3.61) RADIUS AT ZERO BOOM ANGLE

"Weight of slings & hook block to be added to load. Read and understand warning notes before operating crane"
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