

MADE IN AUSTRALIA



TEREX | FRANNA

AT-15



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Quality
Endorsed
Company
ISO 9001:2001
QEC 10610
SAI-GLOBAL

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The all new FRANNA AT-15 provides all the benefits that are required, to class it as a true general purpose crane. This Australian designed and built All Terrain Pick & Carry Mobile crane sets new standards in performance, reliability and quality. From its exceptional abilities on the most rugged terrain, or travelling at 85 kph the AT-15 has earned the reputation for delivering whatever is asked of it.

The following features all make the AT-15 an exceptional crane:

- Synchronized power boom extension and power pinned manual extension.
- Mercedes 170Kw turbo charged and intercooled diesel engine.
- Allison 5 Speed automatic transmisson
- 2 Speed winch with 3.5 tonne line pull
- Fully computerised load moment indicator
- Under slung winch assembly and 2/3 part hook block.
- 40° articulation each side of centre providing a total 80° slewing arc.
- Exclusive slew brake attachment allows the operator to slew the crane through 80° whilst the crane is stationary.
- 40 mm front and 90 mm rear bumpers with recessed headlight and tail light assembly.
- Wide stance boom lift cylinders for maximum operator vision.
- Hinged engine cover, mid cover and floor plate for easy serviceability.
- Upswept exhaust for minimum noise levels.
- Large zone tinted front windscreen, with roof and rear tinted windows.
- Big forward opening doors with full length tinted windows for ease of entry and vision.
- Instrumentation cluster and well positioned controls for ease of operation.
- 3B6 Load moment indicator with audio/visual overload pre-warning
- Two speed wipers/washers and heater/demister.
- In dash air conditioning standard.
- Central greasing and remote air tank drains
- Mud flaps, work lights grab handles.
- KAB suspension driver's and passenger seats, including retracting seat belts.
- Full power orbital steering/DC emergency steering.
- Heavy-duty front and rear bodies.
- Single Joystick control for boom and winch movements.

FRANNA AT-15 SERIES II CRANE SPECIFICATIONS

RATED CAPACITY:

15 Tonne at 1.6m Radius
1.05 Tonne at 15.86m Radius
Max Hook Height 17m
Fall Block (3 parts) capacity
10.5 Tonne
Single Line 3.5 Tonne

AXLE TARE:

Front Axle 6 000 kg
Rear Axle 10 000 kg
TOTAL 16 000 kg

TURNING CIRCLE:

Outside Wheels Radius
6.6 metres

DIMENSIONS:

Overall Length 9.225 metres
Overall Width 2.470 metres
Overall Height 2.985 metres

PERFORMANCE:

Maximum - 85 km/h
Gradability - 50 %

ENGINE:

Mercedes OM906LA inline
6.37 litre, 6 Cylinder,
Electronically Controlled
Turbo Charged and
Intercooled with Turbo Timer
170 kW (228 HP) at 2200 rpm
710 Nm (524 ft.lbf) at 1000 rpm
On highway Euro 3 compliant

TRANSMISSION:

Allison 2000 Series
5 Speed fully automatic
electronically controlled
with lockup from 2nd to
5th for fuel economy.
Integrated pre-select
downshift with engine
compression and
engine exhaust brake.

TRANSFER CASE:

Styer VG 750 2.1 ratio
High/Low Range via airshift
2WD/4WD via airshift,
disconnect to rear axle

DRIVE AXLES:

Front - Meritor RS-25-160
with driver selectable diff lock
Rear - Meritor RS-23-160

BRAKES:

Air operated high capacity
S-cam style twin Circuit
Service and Spring Applied
Park Brakes on both front
and rear axles.
Crane operation hold brake
on driver's side front wheel.
Driver selectable engine
exhaust brake with
electronically controlled
transmission downshifts.

TYRES

11.00 x 20 Bias Ply Duals.

SUSPENSION:

Two Semi elliptic springs on
front & rear axle plus TORSION
BAR on front axle for stability.

CABIN:

Two person, insulated lock up
cabin. 3B6 LMI (load moment
indicator) with over-load motion
cut-outs, Colour LCD Display,
In-dash Air-conditioning,
CD Radio, Reversing Camera,
Driver & Passenger Suspension
Seats, Centralised Greasing,
Cruise Control, Engine
Monitoring & Service
Diagnostics, 3 Axis Joystick
Control for Crane Functions.

STEERING:

Full Power ORBITROL through
twin Hydraulic double acting
rams with end stop cushioning.
Priority flow from main pump
supply plus electro hydraulic
emergency supply.

HYDRAULIC PUMP:

Load Sensing Axial Piston
Max Pump Flow rate
125 Litre/min.
Maximum Working Pressure
210 Bar

BOOM & HYDRAULIC WINCH:

4 section boom with boom
3 manual, 3.5 tonne line pull
two speed winch with 2/3 part
fall block or single line, fully
compensated hook height
when telescoping boom 1 & 2.
10 tonne Machinery hook

FUEL TANK:

330 Litres

HYDRAULIC TANK:

120 Litres with remote return
filter and in tank suction filters.



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