

MADE IN AUSTRALIA

 **TEREX | FRANNA**

AT-15



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

AT-15



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 transmission
- 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

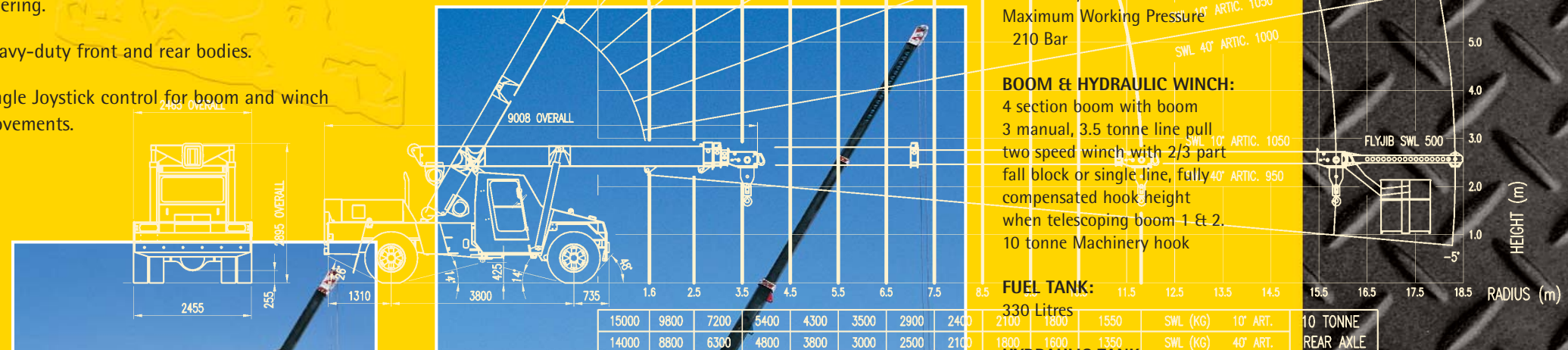
FUEL TANK:

330 Litres

2100	1800	1550	SWL (KG)	10° ART.	10 TONNE
1800	1600	1350	SWL (KG)	40° ART.	REAR AXLE

HYDRAULIC TANK:

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



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