



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:

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15000 9800 7200 5400 4300 3500 2900 240 14000 8800 6300 4800 3800 3000 2500 210

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, 40 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 ORBIFROL 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 ARTIC. 105

BOOM & HYDRAULIC WINCH:

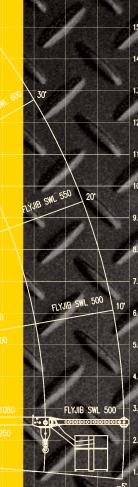
4 section boom with boom
3 manual, 3.5 tonne line pull, or AR
two speed winch with 2/3 part
fall block or single line, fully or AR
compensated hook height
when telescoping boom 1-8:2.
10 tonne Machinery hook

FUEL TANK: 330 Litres

2300 LIFES | 1550 SWL (KG) 10' ART. 1800 1600 1350 SWL (KG) 40' ART. HYDRAULIC TANK:

HIDRAULIC IAINK:

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



15.5 16.5 17.5 18.5 RADIUS (m)





