

MADE IN AUSTRALIA



TEREX | FRANNA

MAC 25



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

MAC 25



The FRANNA MAC-25 pick & carrying corporates many new features which enhance safety, driver ergonomics and improved machine operations. Built for comfort as well as hard work the cabin offers a spacious interior, a binnacle type dashboard, pilot operated hydraulics and a digital load indicator. Both the hydraulic oil and fuel tank have been integrated around the 6 cylinder turbo charged and intercooled engine in the rear body, with the latest design in adjustable wear pads and boom structure up front. With this machine you have the power, finesse and versatility to lift almost anything anywhere.

Here are some of the many features:

- Full powered 4 section boom
- Mercedes 205Kw turbo charged & intercooled diesel engine.
- Allison 6 Speed automatic transmisson.
- Hydraulic winch 2 speed with full hook compensation.
- Synchronized power boom 4 part hook block.
- Winch line pull with full drum 4.2 tonne & 2 speed winch
- 40° articulation each side of centre providing a total of 80° of slewing arc.
- Exclusive park brake attachment allows the operator to slew the Crane through 80° whilst the crane is stationary and the parking brake is activated.
- 32 mm thick steel front plate, with fully recessed dual headlights and blinkers.
- Boom head design for maximum clearance for machinery installation.
- 800 litre front mounted sling and tackle compartment with opening front and top doors for easy access.
- Wide stance boom lift cylinders provide maximum operator's vision.
- Total engine cover hinged rearwards for maximum access to engine and service points.
- Front bonnet cover hinged to allow full access to main hydraulics, pilot hydraulics and service points.
- Upswept exhaust/chrome muffler for minimum noise levels.
- Large zone tinted front windscreen.
- Roof, rear and quarter glass windows are tinted and allow greater visibility.
- Full binnacle type instrumentation and controls positioned for ease of operation.
- 3B6 Load moment indicator with audio/visual overload pre-warning.
- 2 speed windscreen wipers, washer and heater/demister.
- KAB suspension driver's and passenger seats, including retracting seat belts.
- Full power orbital steering/DC emergency steering.
- Heavy-duty front and rear bodies with fully incorporated checker plate mudguards.
- Work lights front and rear, amber rotating light to rear bonnet.
- Cruise control

FRANNA MAC 25 CRANE SPECIFICATIONS

RATED CAPACITY:

25 Tonne at 1.41m Radius
1.8 Tonne at 15.71m Radius
Max Hook Height 18.0m
Fall Block(6 parts) capacity
25 Tonne
Single Line 4.2 Tonne

AXLE LOADINGS:

Removable Counterweight
on Front
Front Axle 11 900 kg
Rear Axle 12 000 kg
TOTAL 23 900 kg
Removable Counterweight
on Rear
Front Axle 9 900 kg
Rear Axle 14 000 kg
TOTAL 23 900 kg

TURNING CIRCLE:

Outside Wheels 7.9 metres

DIMENSIONS:

Overall Length 9.985 metres
Overall Width 2.720 metres
Overall Height 3.075 metres

NOTE: THIS RADIUS CHART IS A SUMMARY OF LOAD CHART MXC1. ON REAR, REFER TO THE CRANE'S LOAD CHART BEFORE ATTEMPTING TO LIFT.

PERFORMANCE:

Maximum - 75 km/h
Gradability - 45 %

ENGINE:

Mercedes OM906LA inline 6
Cylinder Turbo Charged and
intercooled & turbo timer
205 kW (275 HP) at 2800 rpm
1100 Nm (811 ft.lbf) at 1000 rpm.
Onhighway Euro 3 compliant.

TRANSMISSION:

Allison MD 3060
6 Speed fully automatic
electronically controlled with
lockup available in 2nd to 6th
for fuel economy. Powerdriving
1st-6th in conjunction with the
2 stage engine exhaust brake.

TRANSFER CASE:

Styer VG 750 2:1 ratio
Two speed airshift for
High and Low Range.
2WD/4WD via airshift
disconnect to rear axle.

DRIVE AXLES:

Kessler D71 PL478
Heavy Duty High Speed
Planetary Axles. Front
axle fitted with driver
selectable diff lock and
reinforced for pick and
carry operation.

BRAKES:

Air operated high capacity
wedge style twin Circuit Service
and Spring Applied Park Brakes
on both front & rear axles.
Crane operation hold brake
on driver's side front wheel.
Driver selectable engine exhaust
brake is available in all gears -
automatically selects converter
lockup.

TYRES/RIMS:

14.00 x 20 x 20 PR Bias
Ply Duals.
20" x 10" Heavy Duty ISO
10 stud 335 PCD Spigot
Mount Rims.

SUSPENSION:

Two (2) Semi elliptic springs on
front & rear axle with automatic
hydraulic spring lockouts on
front axle.

CABIN:

Two man, insulated lock
up cabin. 3B6 LMI (load
movement indicator) with
over load cutouts, Driver &
passenger suspension seats &
airconditioned. Radio cassette,
Centralised Greasing system,
Cruise control, Engine
monitoring & service
diagnostics.

ARTICULATION:

Twin Heavy Duty self-aligning
bearings with separate seals,
externally adjustable top and
bottom.

STEERING:

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

HYDRAULIC PUMP:

Load sensing axial piston
Max pump Flow rate
190 Litre/min.
Maximum working pressure
250 Bar.

BOOM & HYDRAULIC WINCH:

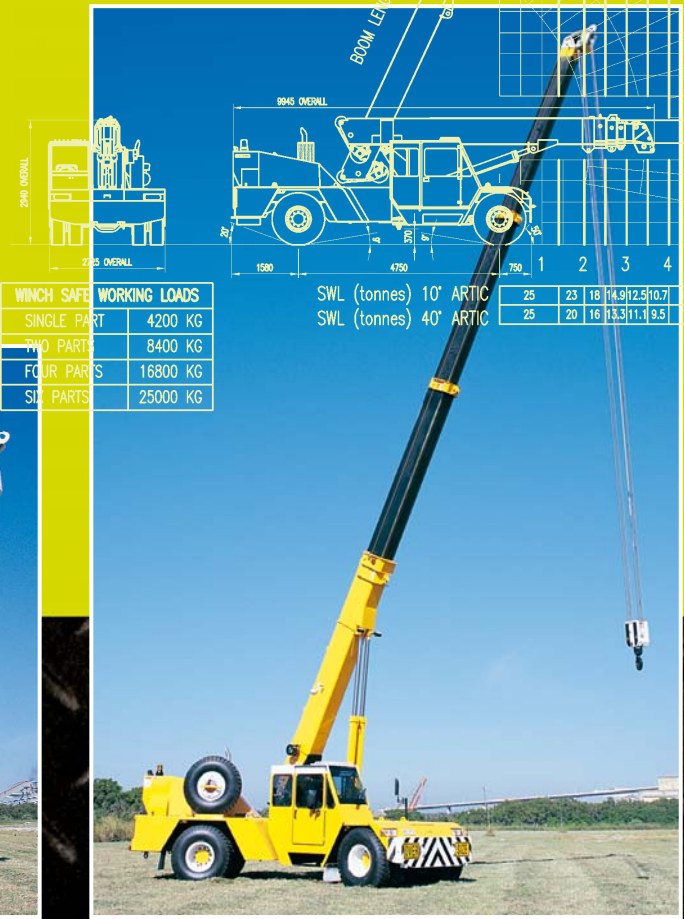
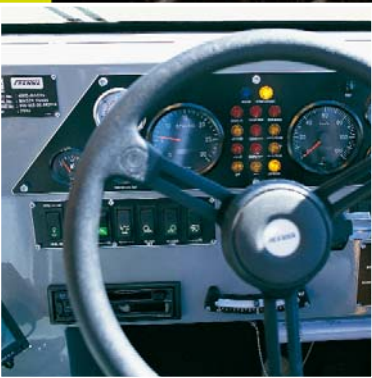
Full Powered boom 4 sections
with ATB system, 4.2 Tonne full
drum line pull with, 6/4 part
Fall Block or Single Line, fully 13
compensated hook height when
telescoping boom 1 & 2,
Machinery hook.

FUEL TANK:

440 Litres

HYDRAULIC TANK:

380 Litres with top mounted
return and in tank suction
filters.



MAC 25