

ALL TERRAIN LIFT & CARRY MOBILE CRANE

Quality Systems

Quality
Endorsed
Company
ISO 9001:2004



MAC-25

FRANNA CRANES

FRANNA MAC-25 CRANE SPECIFICATIONS

RATED CAPACITY

25 Tonne at 1.45 radius
1.75 Tonne at 15.71 m 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 900kg
Rear Axle	12 000kg
TOTAL	23 900kg

Removable Counterweight
on Rear

Front Axle	9 850kg
Rear Axle	14 040kg
TOTAL	23 900kg

TURNING CIRCLE

Outside Wheels 7.8 metres

DIMENSIONS

Overall Length	9.955 metres
Overall Width	2.720 metres
Overall Height	3.075 metres

PERFORMANCE

Maximum 75 km/h
Gradeability 45%

ENGINE

Hino H07C-T 6 Cylinder
Turbo Charged
162 kW (217 HP) at 2600 rpm
647 Nm (477 ILLU) at 1700 rpm

TRANSMISSION

Allison MT640
4 Speed fully automatic with
lock-up available in 3rd/4th whilst
driving and 1st-4th in conjunction
with the exhaust brake.

TRANSFER CASE

Fabco TC-237
Two speed a/shift for High and
Low Range. 2WD/4WD via
air-act disconnect to rear axle.

DRIVE SHAFTS

Spicer Series 1610

DRIVE AXLES

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

BRAKES

120mm x 210mm Drums with air
operated S-cam 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 is available in all
gears - automatically selects
converter lockup.

TYRES/RIMS

14.00 x 20 x 20 PR Bias Ply
Dials. 20" x 10" Heavy Duty ISO
10 stud 635 PCD Spigot Mount
Rims.

SUSPENSION

Two (2) Semi-elliptic springs on
front and rear axle plus
TORSION BAR on front axle
for stability.

CABIN

Two man, insulated lock up
cabin.

ARTICULATION

Twin Heavy Duty semi-angling
bearings with separate seals,
externally adjustable top and
bottom.

FUEL TANK

440 Litres

STEERING

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

HYDRAULIC PUMP

Load sensing axial piston
Maximum flow 190 L/min.
Maximum working pressure
250 Bar.

HYDRAULIC WINCH

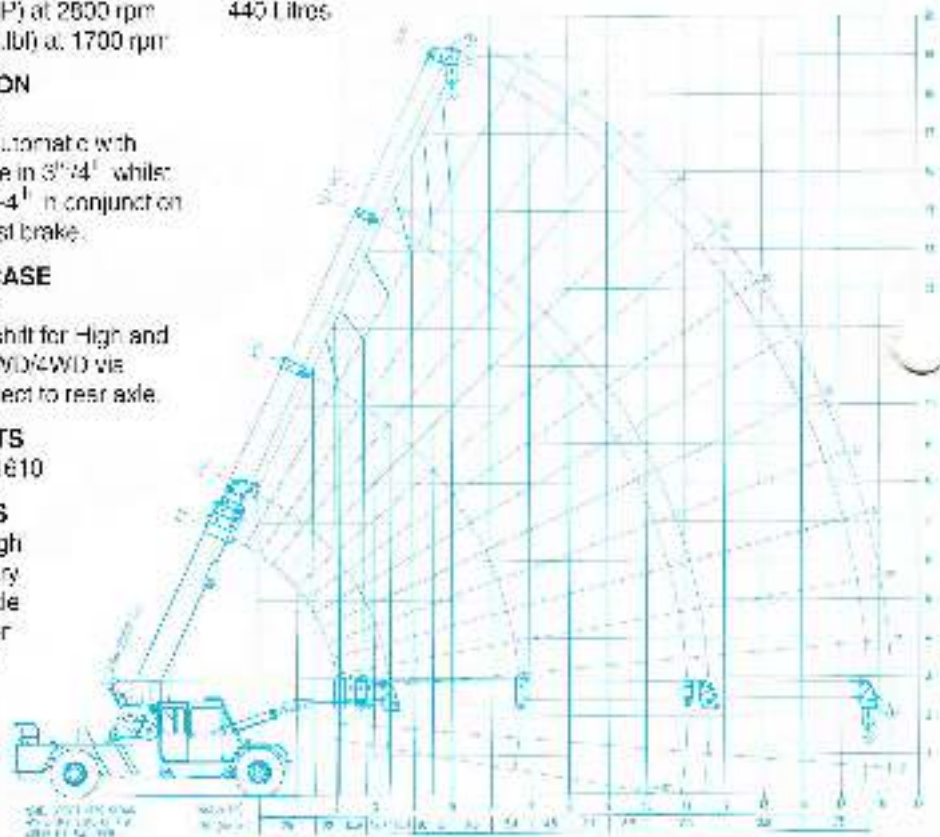
Line pull with full drum 4.2
tonne, 6/4 part Fall Block or
Single Line fully compensated
hook height when telescoping
boom 1 & 2.

HYDRAULIC TANK

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

OPTIONAL EQUIPMENT

- Full Power Boom
- Air Conditioning
- Machinery Hook
(15 tonne SWL)
- Offset Auxiliary Head Sheave
- Offset Fly Jib
- Front Mounted Spreader Bar
- 275kg SWL Man Basket



FRANNA CRANES PTY. LTD. A.C.N. 010 671 048
570 Curtin Avenue Eagle Farm Brisbane Qld 4009 Australia
Telephone: +61 7 3268 7422 Facsimile: +61 7 3268 2489