

18m

16m

14m

12m

10m

8m

6m

**SPECIFICATIONS****MAC 14  
TONNE MODEL****RATED  
CAPACITY**

14 tonne at  
1.50m radius  
12 tonne at  
1.95m radius  
0.95 tonne at  
16.27m radius  
Hook Height  
17.6 metres  
Lift Hook block  
7.5 tonnes  
Single Line 2.5 tonnes

**AXLE LOADINGS**

Front Axle 6000kg  
Rear Axle 9000kg  
TOTAL 15000kg

**TURING CIRCLE**

Outside Wheels 6.3 metres

**DIMENSIONS**

Overall Length 9.36 metres  
Overall Width 2.50 metres  
Overall Height 2.97 metres

**HYDRAULIC WINCH**

Line pull with full drum 2.5t  
3/2 part fall block or single  
line, fully compensated  
hook height.

**CABIN**

Single Side Mounted.  
ROPS type insulated lock  
up cabin.

**ENGINE**

4 cylinder Turbo Diesel  
Engine

**GEARBOX**

- 4 Speed forward/reverse
- Manual Shift with Torque Converter
- 2WD/4WD disconnect

**DRIVE AXLES**

Front and rear heavy duty  
drive axles. Two speed  
diffs for high/low range.

**DRIVE SHAFTS**

Hardy Spicer Series 1480

**BRAKES**

Full air S cam Twin Circuit  
Brakes front and rear  
axles. Spring applied on  
rear axle, crane operation  
hold brake on front wheel.

**TYRES**

1100 x 20 x 16 PR Duals

**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  
115 litre/min.

**SUSPENSION**

Two (2) Semi elliptic springs  
on rear axle. Front axle  
solid mount to chassis.

**PERFORMANCE**

Maximum – 60kph  
Gradability – 50%

**OPTIONAL EQUIPMENT**

- 445 x 22.5 Supersingle  
Low Profile Tyres
- Air Conditioning
- Machinery Hook  
(6 tonne SWL)
- Spare wheel carrier
- Work Lights
- Fly Jib
- Man Basket
- Second cabin for  
dogman
- Spreader Bars
- Others on application

*Specifications subject to change  
without notice.*

**FRANNA CRANES****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**

# ALL TERRAIN LIFT & CARRY MOBILE CRANE

**FRANNA CRANES**

Quality Systems

Quality  
Endorsed  
Company

ISO 9001:1994

**MAC 14**



OPTIONAL SECOND CAB



The Franna MAC-14 has been specially constructed to be a competitively priced crane where high speed road performance is not a requirement. Utilizing the standard boom of the AT-14, the MAC-14, provides a slightly better lifting performance than the AT-14, with less speed "60kph". High/low range ability and 4WD, adds up to be the ideal value-for-money crane for mining, construction and site usage.

#### Features of the MAC-14:

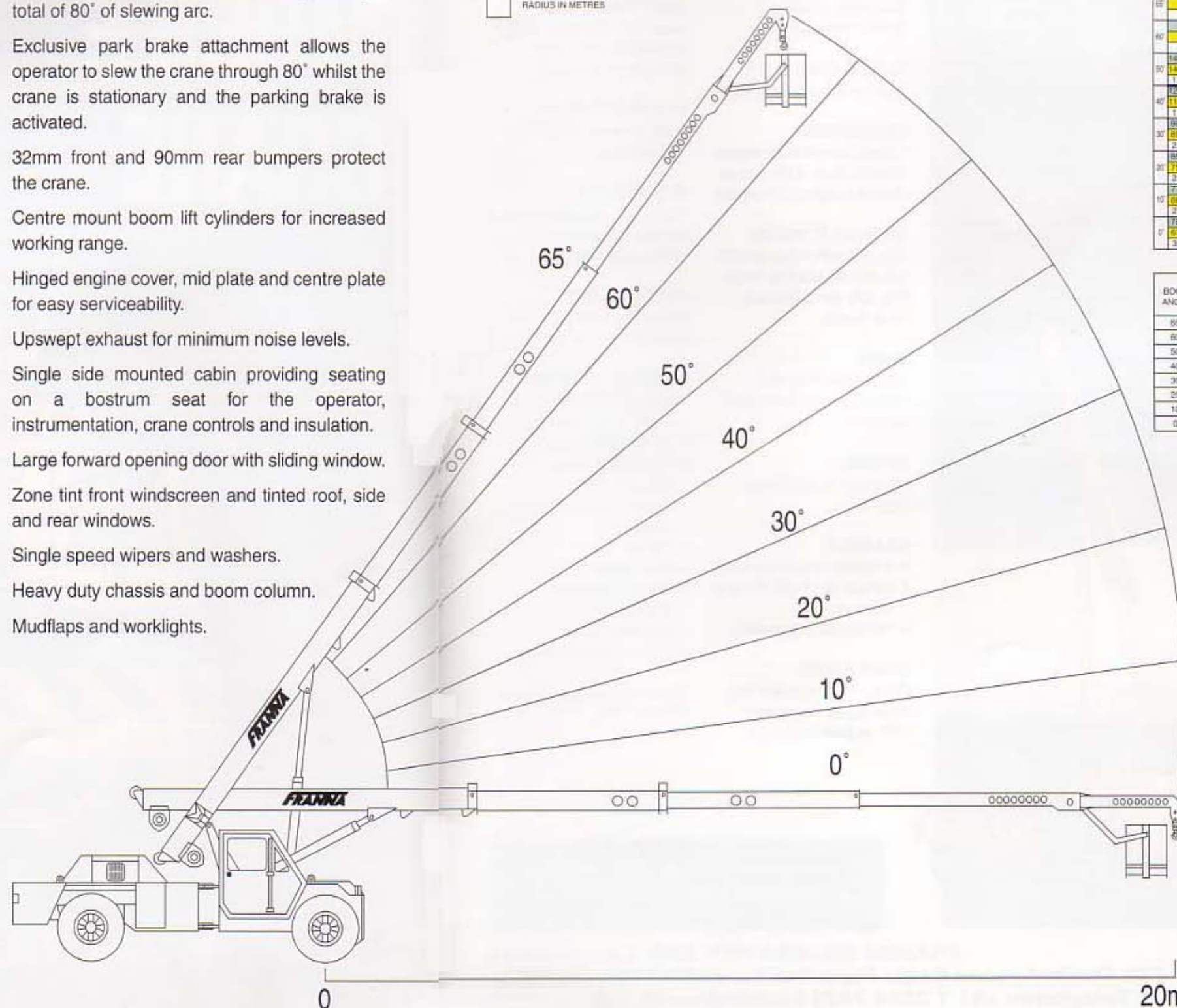
- Four cylinder diesel engine and Spicer gearbox.
- Synchronised power boom extension, 2/3 part hook block.
- 40° articulation each side of centre providing a total of 80° of slewing arc.
- Exclusive park brake attachment allows the operator to slew the crane through 80° whilst the crane is stationary and the parking brake is activated.
- 32mm front and 90mm rear bumpers protect the crane.
- Centre mount boom lift cylinders for increased working range.
- Hinged engine cover, mid plate and centre plate for easy serviceability.
- Upswept exhaust for minimum noise levels.
- Single side mounted cabin providing seating on a bostrum seat for the operator, instrumentation, crane controls and insulation.
- Large forward opening door with sliding window.
- Zone tint front windscreen and tinted roof, side and rear windows.
- Single speed wipers and washers.
- Heavy duty chassis and boom column.
- Mudflaps and worklights.

| BOOM ANGLE | BOOM LENGTH IN METRES - MANUAL EXTENSION RETRACTED |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       | MANUAL EXTENSION EXTENDED |
|------------|----------------------------------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------|
|            | 5.97                                               | 6.50 | 7.00 | 7.50 | 8.00 | 8.50 | 9.00 | 9.50 | 10.00 | 10.50 | 11.00 | 11.50 | 12.00 | 12.50 | 13.00 | 13.50 | 14.00 |                           |
| 65°        |                                                    |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |                           |
| 60°        |                                                    |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |                           |
| 50°        |                                                    |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |                           |
| 40°        |                                                    |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |                           |
| 30°        |                                                    |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |                           |
| 20°        |                                                    |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |                           |
| 10°        |                                                    |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |                           |
| 0°         |                                                    |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |                           |

SWL IN KILOGRAMS FOR SLEW ANGLES OF 10° OR LESS EITHER SIDE OF STRAIGHT AHEAD (INDICATED BY GREEN LED ON DASH).

SWL IN KILOGRAMS FOR SLEW ANGLES OF GREATER THAN 10° EITHER SIDE OF STRAIGHT AHEAD (INDICATED BY YELLOW LED ON DASH).

RADIUS IN METRES



| BOOM ANGLE | BOOM PIVOT TO INNER LUG, 1st JIB EXTENSION MANUAL EXTENSION RETRACTED |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       | MANUAL EXTENSION EXTENDED |
|------------|-----------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|---------------------------|
|            | 3.45                                                                  | 3.90 | 4.50 | 5.00 | 5.50 | 6.00 | 6.50 | 7.00 | 7.50 | 8.00 | 8.50 | 9.00 | 9.50 | 10.00 | 10.50 | 11.00 | 11.50 |                           |
| 65°        |                                                                       |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |                           |
| 60°        |                                                                       |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |                           |
| 50°        |                                                                       |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |                           |
| 40°        |                                                                       |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |                           |
| 30°        |                                                                       |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |                           |
| 20°        |                                                                       |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |                           |
| 10°        |                                                                       |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |                           |
| 0°         |                                                                       |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |                           |

| BOOM ANGLE | BOOM PIVOT TO OUTER LUG, 1st JIB EXTENSION MANUAL EXTENSION RETRACTED |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       | MANUAL EXTENSION EXTENDED |
|------------|-----------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|---------------------------|
|            | 5.02                                                                  | 5.50 | 6.00 | 6.50 | 7.00 | 7.50 | 8.00 | 8.50 | 9.00 | 9.50 | 10.00 | 10.50 | 11.00 | 11.50 | 12.00 | 12.50 | 13.00 |                           |
| 65°        |                                                                       |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |                           |
| 60°        |                                                                       |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |                           |
| 50°        |                                                                       |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |                           |
| 40°        |                                                                       |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |                           |
| 30°        |                                                                       |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |                           |
| 20°        |                                                                       |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |                           |
| 10°        |                                                                       |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |                           |
| 0°         |                                                                       |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |                           |

| BOOM ANGLE | BOOM FULLY EXTENDED MAJAL EXTENDED 2.6m FLY JIB FITTED |          |
|------------|--------------------------------------------------------|----------|
|            | RADIUS (m)                                             | SWL (KG) |
| 65°        | 6.66                                                   | 750      |
| 60°        | 8.28                                                   | 750      |
| 50°        | 11.28                                                  | 700      |
| 40°        | 13.87                                                  | 650      |
| 30°        | 15.96                                                  | 600      |
| 20°        | 17.54                                                  | 550      |
| 10°        | 18.52                                                  | 500      |
| 0°         | 18.87                                                  | 500      |

WINCH SAFE WORKING LOADS  
SINGLE PART 2500 KG  
TWO PARTS 5000 KG  
THREE PARTS 7500 KG

