

# ALL TERRAIN LIFT & CARRY MOBILE CRANE



Quality  
Endorsed  
Company  
ISO 9001:1994  
QEC 10610



## *UC-15*

# FRANNA UC-15 CRANE SPECIFICATIONS



**RATED CAPACITY:**  
 15 Tonne at 1.6m Radius  
 1.55 Tonne at 12.28m Radius (power boom)  
 1.05 Tonne at 16.33m Radius (manual ext.)  
 Max Hook Height 20.4 m  
 Fall Block (3 parts) capacity 10.5 tonne

**AXLE LOADINGS:**  
 Front Axle: 5 900 kg  
 Rear Axle: 10 000 kg  
 TOTAL : 15 900 kg

**TURNING RADIUS:**  
 Outside Wheels  
 6.6 metres

**DIMENSIONS:**  
 Overall Length 9.495 metres  
 Overall Width 2.490 metres  
 Overall Height 2.925 metres

**PERFORMANCE:**  
 Maximum - 45 km/h  
 Gradability - 50 %

**ENGINE:**  
 Perkins 1004-40T 4 Cylinder  
 Turbocharged  
 80.5 kW (108 HP)  
 at 2500 rpm  
 394 Nm (290 ft.lbf)  
 at 1400 rpm.

**TRANSMISSION:**  
 Carraro TLB 2  
 Torque converter driven,  
 Electronic Full Powershift,  
 4 Speed Forward/Reverse.

**DRIVE SHAFTS:**  
 Spicer Series 1410

**FRONT DRIVE AXLE:**  
 Carraro 28.43M –  
 13 tonne Capacity  
 Rigid planetary drive axle,  
 with driver selectable  
 hydraulic actuated  
 differential lock.

**REAR DRIVE AXLE:**  
 Carraro 28.43M –  
 13 tonne Capacity  
 Rigid planetary drive axle.

**TYRES/RIMS:**  
 Front: 11.00 x 20 16  
 PR Dual Tyres  
 8 x 20 Rim (10 stud)  
 Rear: 11.00 x 20 16  
 PR Dual Tyres  
 8 x 20 Rim  
 (10 stud)

**BRAKES:**  
 Power assisted dual circuit  
 hydraulic.  
 Front: Inboard self-adjusting,  
 oil immersed, multi-plate  
 disc brakes.  
 Rear: Inboard self-adjusting,  
 oil immersed, multi-plate  
 disc brakes.  
 Park: Spring applied  
 hydraulic release park brake  
 on rear axle.

**CABIN:**  
 Two Person, insulated  
 lock up cabin.  
 Ergonomic tilt/telescopic  
 steering wheel, gauge  
 cluster and wraparound  
 centre console.

**FUEL TANK:**  
 Integral 355 litre tank  
 in rear body.

**ARTICULATION:**  
 Twin Heavy Duty self-  
 aligning bearings with  
 separate seals, externally  
 adjustable top and bottom,  
 giving 40° articulation.

**STEERING:**  
 Full Power ORBITROL with  
 twin cushioned hydraulic  
 double acting rams. Priority  
 flow from main pump supply  
 plus electro hydraulic  
 emergency supply.

**HYDRAULIC PUMP:**  
 Load Sensing Axial  
 Piston Pump  
 Maximum Flow:  
 110 litres/min  
 Maximum  
 Working  
 Pressure:  
 210 Bar

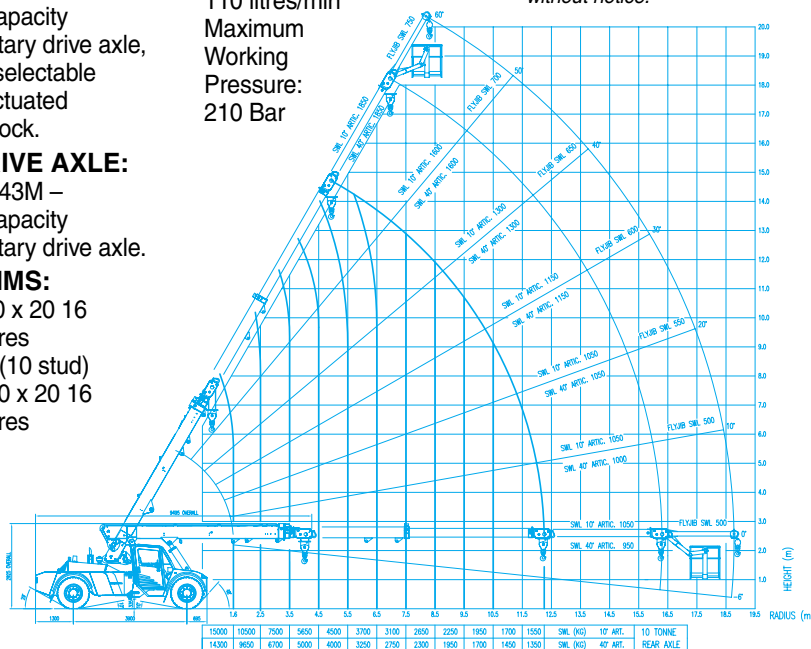
**HYDRAULIC WINCH:**  
 Electrically switched  
 Two Speed Winch  
 Max. Rope Speed High:  
 80 metres/min  
 Max. Rope Speed Low:  
 40 metres/min  
 Maximum line pull with full  
 drum: 3.5 tonne  
 3/2 part Fall Block with  
 10.5 tonne capacity Fully  
 compensated hook height  
 whilst telescoping the boom.

**HYDRAULIC TANK:**  
 Integral 120 litre tank in rear  
 body, with remote mounted  
 return and in tank suction  
 filters.

**LOAD INDICATOR**  
 Fully integrated  
 computerised load moment  
 indicator with motion cutouts  
 and axle loadings displayed.

- STANDARD EQUIPMENT**
- Air Conditioning
  - 8 tonne Machinery Hook
  - Work Lights
  - Central Greasing

- OPTIONAL EQUIPMENT**
- Front Mounted Spreader Bar
  - Fly Jib
  - 275 kg SWL Man Basket
  - Spare Wheel and Carrier
  - AM/FM Radio Cassette
  - Fire Extinguisher
  - Others on Application
- Specifications subject to change without notice.*



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**PATENTED DESIGN**