

# ALL TERRAIN LIFT & CARRY MOBILE CRANE

## *UC-15*



Quality System  
Quality  
Endorsed  
Company  
ISO 9001  
QEC 10610



# TEREX FRANNA UC-15 CRANE

## 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: 5 800 kg  
 Rear Axle: 10 000 kg  
 TOTAL : 15 800 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.

## 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: Sprung applied hydraulic release park brake on rear 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)

## CABIN:

Two man, insulated lock up cabin.  
 Ergonomic tilt/telescopic steering wheel and gauge cluster.

## 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.

## STANDARD EQUIPMENT

- Air Conditioning
- 8 tonne Machinery Hook
- Work Lights
- Central Greasing

## OPTIONAL EQUIPMENT

- Front Mounted Spreader Bar
- 275 kg SWL Man Basket
- Spare Wheel and Carrier

Specifications subject to change without notice.

**PATENTED DESIGN**

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