

RT 740B

Product Guide



ROUGH TERRAIN HYDRAULIC CRANE

Features

- **MAX. CAPACITY (Outriggers)** - 40.0 Tonnes at 3m Radius (85% Rating) 360° Slew
- **MAX. CAPACITY (On Tyres)** - 17.35 Tonnes at 3m Radius (85% Rating) Over Front
- **BOOM** - 4 SECTION Trapezoidal 10.6m - 33.5m
- **MAX. ROAD SPEED** - 26 km/hr
- **CARRIER** - 4 X 4 Wheel Drive with 4 Wheel Steer

Superstructure Specifications

BOOM

10.6m - 33.5m four section, telescopic, full power, sequence synchronized, trapezoidal boom with single lever control. Telescoping boom sections slide on adjustable & replaceable low friction wear pads.

BOOM NOSE

Four nylatron sheaves mounted on heavy duty tapered roller bearings with removable pin-type rope guards.

Maximum Tip Height: 35.9m

BOOM ELEVATION

One double acting hydraulic cylinder with integral holding valve.

BOOM ANGLE

Maximum: 78°, **Minimum:** -3°.

SUPERSTRUCTURE FRAME

Fabricated from high tensile steel plates and sections.

SLEW SYSTEM

Ball bearing swing circle with 360° continuous rotation. Planetary "Glide-Swing" with foot applied multi-disc brake. Spring applied hydraulically released parking brake, mechanical house lock operated from cab. Free slew facility provided.

SLEW SPEED

Maximum 2.0 RPM (Unladen).

HOIST SYSTEM

Power up and down equal speed, grooved drum, planetary reduction with automatic spring applied multi-disc brake. Hoist drum fitted with third wrap indicator.

Non Spin Hoist Rope: 19mm dia. & length 152m.

Line Speed: Top layer 105m/min (Max) Unladen.

Maximum Permissible Line Pull: 5500Kg.

HOOK BLOCK

40.0 Tonnes; 4 Sheaves - 8 falls.

COUNTERWEIGHT

Bolted with superstructure - 3708kg

OPERATOR'S CAB

Totally enclosed steel construction, full vision type cab with all crane functions control levers, driving controls, engine instrumentation & automotive type steering wheel. All windows fitted with toughened safety glass, lockable sliding door, cab interior light, circulating air fan, pantograph type electric wiper & electric horn.

LMI & A2B SYSTEM

Load Moment Indicator and Anti-Two Block system with audio-visual warning and control lever lock-out provides electronic display of boom angle, boom length, radius, relative load moment, maximum permissible load, load indication and warning of impending two-block condition.

HYDRAULIC SYSTEM

Pumps

Two Section Gear pump driven through engine PTO.

Two Section Gear pump driven through transmission PTO.

Valves

Precision 4 way double acting pilot operated control valves. 3 Individual valve banks permit simultaneous control of multiple crane functions.

Filters

Return line filter with replaceable cartridge having full flow with by-pass protection and service indicator.

Reservoir

378 liters with spin-on breather filter, external sight gauge, oil temperature gauge, clean out access, strap mounted to frame.

Pressure Check Panel

System pressure test panel with quick release type fittings for each circuit.

OPTIONAL EQUIPMENT

Fixed Swingaway Extension

9.8m lattice Swingaway boom extension with integral offset mechanism, off settable at 0°, 15° or 30°. Stows alongside base boom section when not in use.

Maximum tip height: 45.4m

Telescopic Swingaway Extension

9.8m to 13.4m or 17.1m telescopic lattice swingaway extension with integral offset mechanism, off settable at 0°, 15° or 30°. Stows alongside base boom section when not in use.

Maximum tip height: 52.7m

Auxiliary Hoist

AC Cabin

Protective Super Cab