

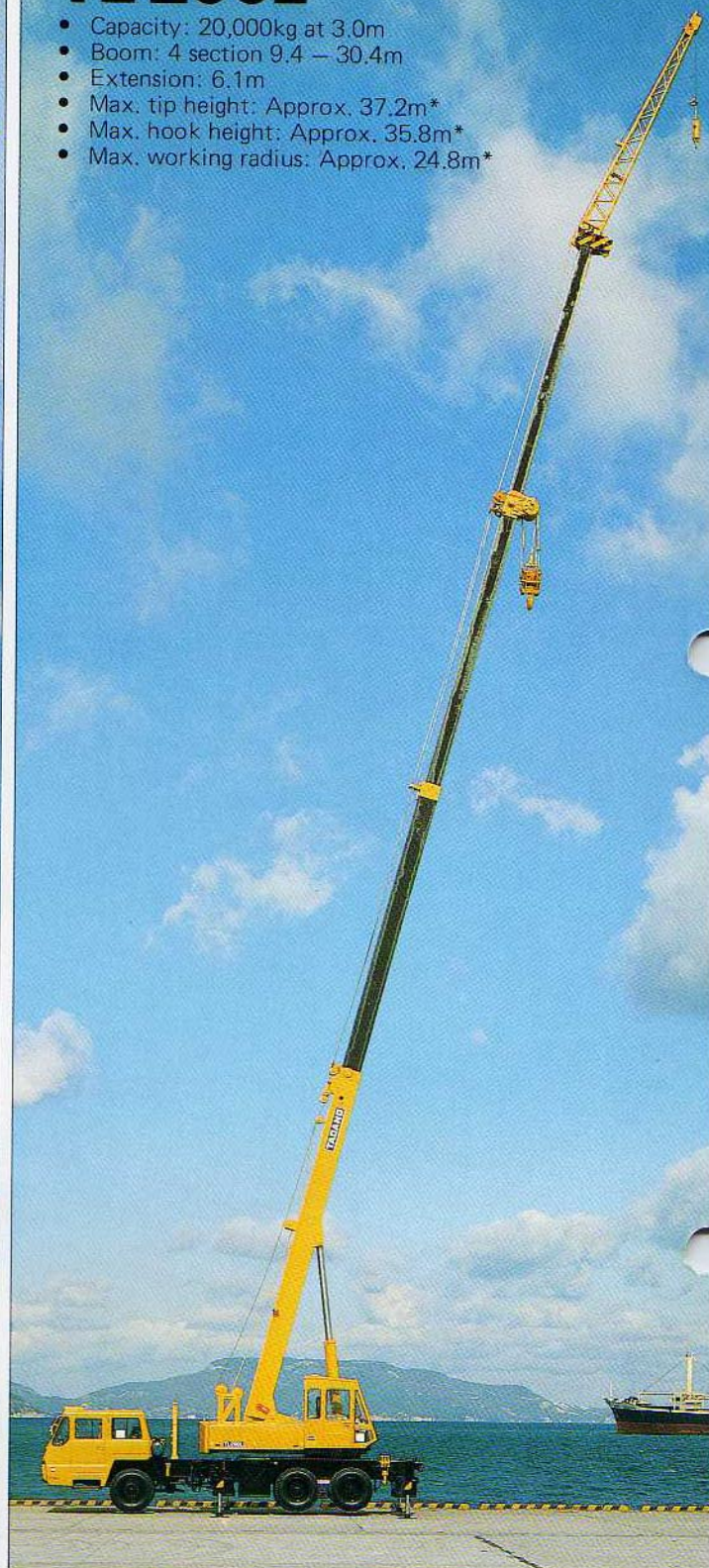
## TL-200

- Capacity: 20,000kg at 3.0m
- Boom: 3 section 9.5 — 23.5m
- Extension: 8.0m
- Max. tip height: Approx. 32.5m\*
- Max. hook height: Approx. 30.8m\*
- Max. working radius: Approx. 24.7m\*



## TL-200L

- Capacity: 20,000kg at 3.0m
- Boom: 4 section 9.4 — 30.4m
- Extension: 6.1m
- Max. tip height: Approx. 37.2m\*
- Max. hook height: Approx. 35.8m\*
- Max. working radius: Approx. 24.8m\*



# TADANO HYDRAULIC CRANES

20 TON CAPACITY (22 SHORT TONS)

## TL-200

23.5M BOOM(3 SECTION) AND 8.0M JIB 32.5M TIP HEIGHT

## TL-200L

30.4M BOOM(4 SECTION) AND 6.1M JIB 37.2M TIP HEIGHT



\* no allowance made for boom deflection under laden conditions

# TADANO

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All specifications herein are subject to change without notice.  
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# TOUGH, PRACTICAL AND RELIABLE

## TADANO'S 20-TONNER BEST SELLERS

Behind their tough and straightforward exteriors, the TL-200 and TL-200L have an impressive range of profitable features; outstanding lifting capacities, excellent stability, simple controls, minimum set-up times and total mobility. For general crane operations these 20-tonner work-horses are unbeatable.

### THREE OR FOUR SECTION BOOMS

For maximum strength and lightness the boom is manufactured from high tensile steel plates with internal and external welds. The TL-200 features the 3 section 9.5 - 23.5m full length power boom and the TL-200L has a 4 section 9.4 - 30.4m boom whose top section is power positioned and self-locking. Both booms are actuated by a single telescope control lever. A powerful, double-acting hydraulic cylinder controls boom elevation and a counterbalance valve ensures smooth lowering and guards against hydraulic hose failure.



### TANDEM DRUM WINCH SYSTEM

The winch system features a high starting torque hydraulic axial piston motor which drives both the main and auxiliary hoist drums. Changeover from one drum to the other is instantaneous by means of a clutch control lever in the cab. Both drums feature free-fall operation for fast cycle work like concrete skipping and for increased fuel economy. With a maximum of three layers of rope the wide, grooved drums provide improved spooling for longer rope service life.

### SMOOTH, CONTINUOUS 360° SWING

Powered by a high torque axial piston motor the superstructure swings continuously through 360° on a precision built sealed ball-bearing swing ring. A hand brake is provided.

### QUICK-SET, WIDE SPAN OUTRIGGERS

The rigid, double box, welded construction outriggers provide a 4.9m wide blocking base for secure, stable operation. Lock valves are fitted to the vertical jack cylinders and the slider beams can be pinned in the fully retracted and fully extended positions. The controls permit independent or simultaneous operation.



### EASY-SET, SWINGAROUND EXTENSIONS

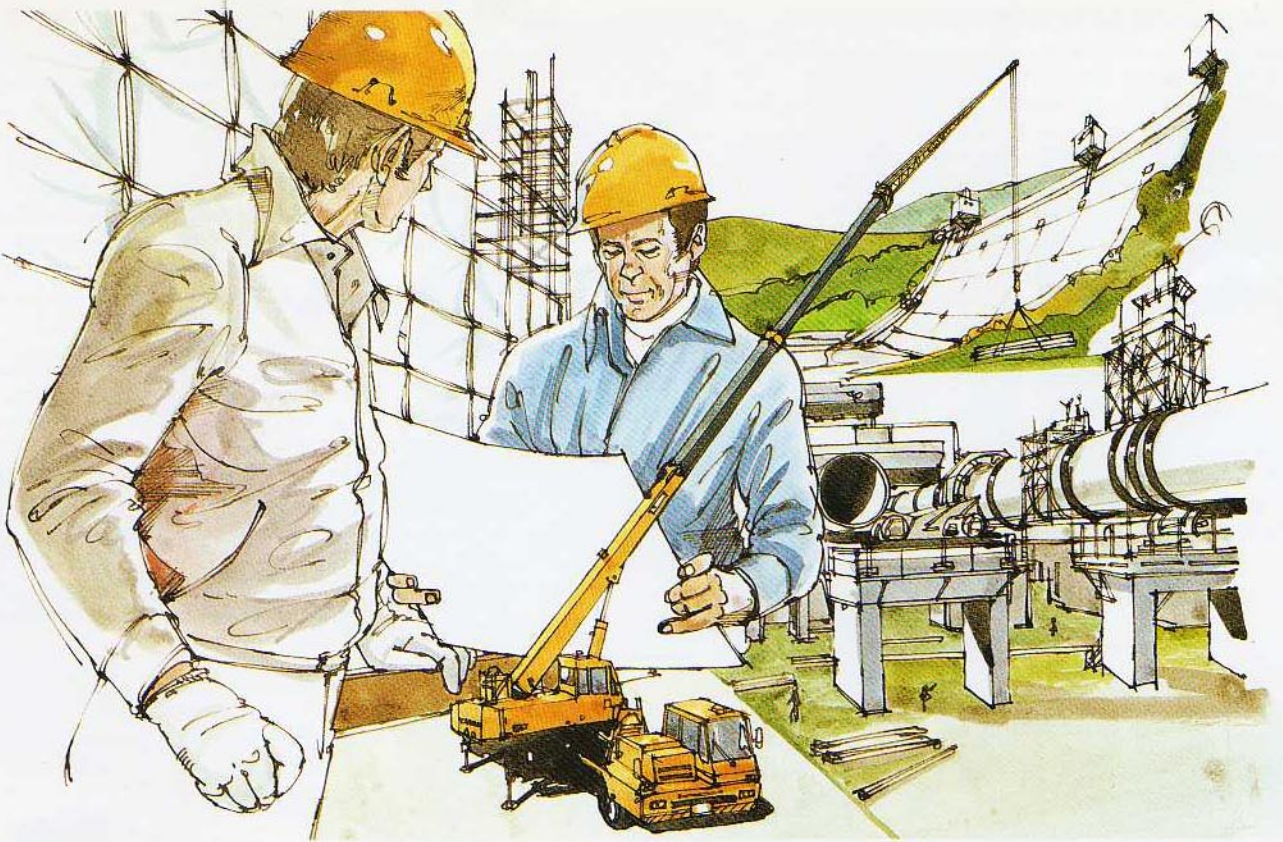
Swingaround lattice extensions are provided for both cranes, 8.0m in length for the TL-200 and 6.1m for the TL-200L, giving tip heights of 32.5m and 37.2m respectively. When erected the extensions are offset 10° from the main boom centre line and stow alongside the base boom section. When stowed, they remain permanently reeved with the auxiliary hoist rope, so erection is literally only a matter of minutes.

Tadano design and manufacture its hydraulic cranes for maximum efficiency, productivity and safety. For this reason, the TL-200 and TL-200L are supplied with the following standard equipment:—

- Swingaround boom extension
- Auxiliary winch
- Free fall for both main and auxiliary winches
- Overhoist alarm
- Tipping warning device
- Load Meter
- Load Indicator





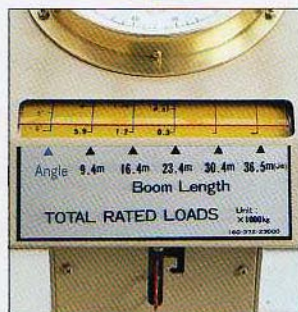
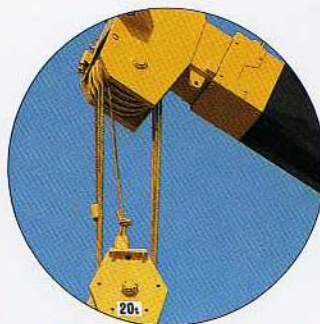


### COMFORTABLE CAB WITH SIMPLE CONTROLS

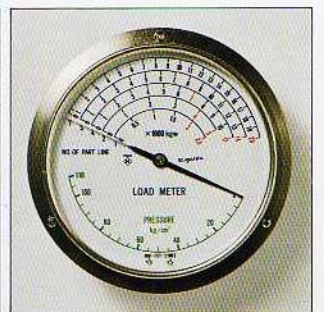
The crane cab is operator-oriented for maximum convenience and safety. All instruments and controls are functionally laid out within easy reach of the operator. The reclining seat is fully adjustable and includes a headrest. Through ventilation is provided by opening side, front and rear windows together with a roof hatch.

### FULLY EQUIPPED SAFETY FEATURES

For safe and efficient operation both cranes come complete with a Load Meter which shows the hook load on both main and auxiliary hoist ropes, a Load Indicator which shows boom angle and the permissible load for the boom section in use, a tipping warning device and an overhoist alarm. For night-time operation the cranes are fitted with two spotlamps at the front of the superstructure and a third spotlamp mounted on the boom together with a boom position lamp.



Load Indicator



Load Meter