



TR-300EX

Left hand steering

GENERAL DATA

CRANE CAPACITY		30,000 kg at 3.0 m
BOOM		4-section, 9.1 m - 28.6 m
DIMENSION		
Overall length	approx.	11,000 mm
Overall width	approx.	2,620 mm
Overall height	approx.	3,530 mm
MASS		
Gross vehicle mass	approx.	27,000 kg
—front axle	approx.	13,500 kg
—rear axle	approx.	13,500 kg
PERFORMANCE		
Max. travelling speed	computed	50 km/h
Gradeability(tan θ)	computed	57 % (at stall)

CRANE SPECIFICATIONS

MODEL

TR-300EX

CAPACITY

30,000 kg at 3.0 m

BOOM

4-section full length power telescoping boom of box construction with 5 sheaves at boom head. 3rd boom and top boom telescope synchronously by means of a double-acting cylinder, an extension cable and a retraction cable.

Hydraulic cylinders fitted with holding valves.

Fully retracted length9.1 m

Fully extended length28.6 m

Extension speed19.5 m in 90 s

JIB

2-staged swingaround boom extension. Triple offset(5°/ 25°/ 45°)type. Box type top section telescopes from lattice type base section which stores alongside base boom section.

Single sheave at jib head.

Length.....7.2 m and 12.8 m

SINGLE TOP (AUXILIARY BOOM SHEAVE)

Single sheave. Mounted to main boom head for single line work.

ELEVATION

By a double-acting hydraulic cylinder, fitted with holding valve.

Elevation speed.....0°to 80°in 46 s

HOIST—Main winch

2-speed type with grooved drum driven by hydraulic axial piston motor through winch speed reducer. Power load lowering and hoisting. Equipped with automatic fail-safe brake and counter-balance valve.

Controlled independently of auxiliary winch.

Single line pull31.4 kN {3,200 kgf}

Single line speed119 m/min (at the 4th layer)

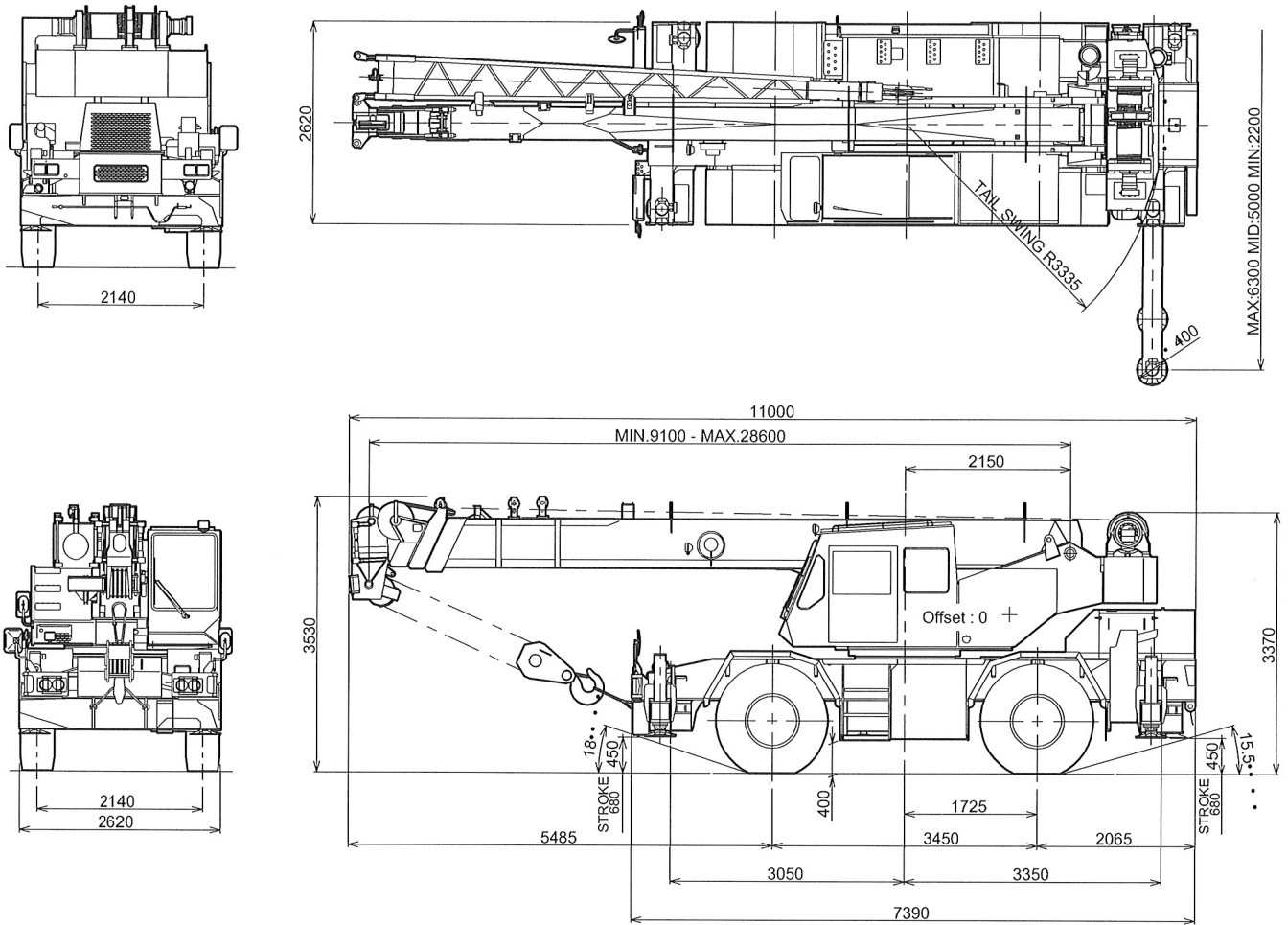
Wire rope.....Spin-resistant type

Diameter x length16 mm x 175 m

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DIMENSION

SPEC. SHEET No. TR-300E-3-00102/EX-24



Specifications are subject to change without notice.



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