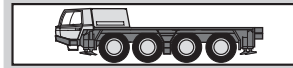


ATF 70G-4

Subject to change without prior notice

Equipment



Frame: Torsion-resistant, welded construction made from high strength, fine-grained steel.

Outriggers: 4 point, telescopic hydraulic outriggers with controls on both sides of carrier and in superstructure cab. Outrigger base 6.4 m (4.4 m mid extension) x 7.8 m.

Carrier engine: Mercedes-Benz 6 cylinder model OM 501 LA (Euromot III B /EPA Tier 4i), water-cooled diesel engine. Rated at 320 kW (435 HP) at 1800 min⁻¹. Torque 2100 Nm (214 kpm) at 1300 min⁻¹. Engine rating according to 80 /1269/EWG. Fuel tank 330 l. AdBlue-tank: 40 l.

Transmission: ZF-AS-Tronic 12 AS 2302 mechanical transmission with electro-pneumatically operated dry-type clutch and automatic gear shifting with 12 forward gears and 2 reverse gears. Power / Economy modes.

Transfer Case: Two stage.

Drive: 8 x 6 (8 x 8 option).

Axles:

- 1st axle: steered, not driven.
- 2nd axle: steered, driven, with differential lock, transverse.
- 3rd axle: steered, driven, with differential locks longitudinal and transverse.
- 4th axle: steered, driven, with differential lock, transverse.

Suspension: Hydro-pneumatic with levelling adjustment.

Brake system: Service brakes: dual circuit compressed air system with ABS. Parking brake: spring loaded type acting on 2nd, 3rd and 4th axles. Auxiliary brakes: intarder, engine exhaust brake and constant throttle engine brake system.

Tyres: (8) 385/95 R 25 (14.00 R 25), (width 2.55 m).

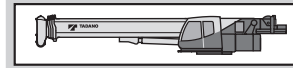
Steering system: ZF-Servocom, dual circuit hydraulic steering with emergency steering pump, mechanical hydraulically assisted steering of front two axles and automatic steering of the 4th axle up to a travel speed of 25 km/h. Steering of all axles possible. All axles steered hydrostatically from superstructure cab.

Carrier cab: Two man full width cab of composite (steel sheet metal and fibre-glass) structure, with safety glass, air-cushioned adjustable seats (drivers seat with heater) and engine dependent water heater, radio / CD-player, complete controls and instrumentation for road travel. Cruise control with hill braking feature functions.

Electrical system: 24 volt DC system, 2 batteries, outrigger area lighting. Electrical system conforms with EEC regulations.

Optional Equipment: (at extra charge)
Towing attachment, engine independent additional heater with engine pre-heat, air conditioning, 8 x 8 drive, 445 /95 R 25 (16.00 R 25), 525 /80 R 25 (20.5 R 25) tyres, spare wheel and tyre, special painting and lettering, special option 10 t axle load.

Further optional equipment available upon request.



Frame: Torsion-resistant, all-welded structure of high strength steel. Connected to carrier by single-row, ball-bearing slewing ring with external gearing for 360° continuous rotation.

Superstructure engine: Mercedes-Benz 4 cylinder model OM 924 LA (Euromot III B/EPA Tier 4i), water cooled diesel engine. RPM infinitely variable via foot pedal, rating 95 kW (129 HP) at 2200 min⁻¹. Torque 500 Nm (51 kpm) at 1200 - 1600 min⁻¹. Engine rating according to 80 /1269/EWG. Fuel tank 200 l. AdBlue-tank: 8 l.

Hydraulic system: Three circuit diesel hydraulic system with 1 power controlled axial piston double pump (hydraulically adjustable) and 1 double gear pump, oil cooler.

Controls: Electrical, 2 joy-stick levers for simultaneous operation of crane motions.

Telescopic boom: 5 sections, made of high tensile, fine-grained steel, consisting of 1 base section and 4 telescoping sections extended by means of a single telescopic cylinder. All telescope sections extendable under partial load. 11.0 m to 44.0 m long.

Derricking system: 1 double acting hydraulic cylinder with integral brake and holding valve.

Main winch: Axial piston motor, winch drum with integrated planetary reduction and hydraulically controlled spring-loaded multiple disc brake and integrated free rotation (no sagging of load when hoisting). Hoist cable with 'Super-Stop' easy reeving system.

Slewing system: Axial piston motor with two-stage planetary reduction with a foot actuated service and a parking brake. Speed infinitely variable 0 - 2 min⁻¹.

Counterweight: Standard 'Taxi' 11.9 t divisible, assembled and disassembled by hydraulic cylinders controlled from superstructure cab.

Superstructure cab: Spacious panoramic cab of composite structure with safety (tinted) glass windows, tiltable cockpit with hydraulically cushioned adjustable seat with heater, engine independent heater with engine pre-heat, air conditioning, radio / CD-player, complete controls and instrumentation for crane operation, on-site travelling and outriggers.

Electrical system: 24 volt DC system, 2 batteries.

Safety devices: Load moment device (LMD), working area limiter, hoist limit switch, lower limit switch and drum turn indicator, safety valves against pipe and hose rupture. Holding valves on hydraulic cylinders.

Optional Equipment: (at extra charge)
'Lift Adjuster', boom extension 9.0 m / 16.0 m offsets 0°, 20° and 40° or hydraulically 0°- 40°, heavy duty jib 1.6 m, additional counterweight 3.1 t, special option 10 t axle load, selection of hook blocks, auxiliary winch (same as main winch), slewing area limitation, additional oil cooler, central lubricating system, special painting and lettering.

Further optional equipment available upon request.

ATF 70G-4

Max. lifting capacity
70 t

Boom
11 - 44 m

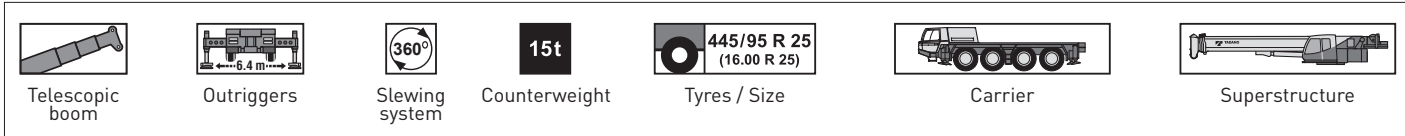
Extension
9 / 16 m

Max. lifting height incl. extension
61 m

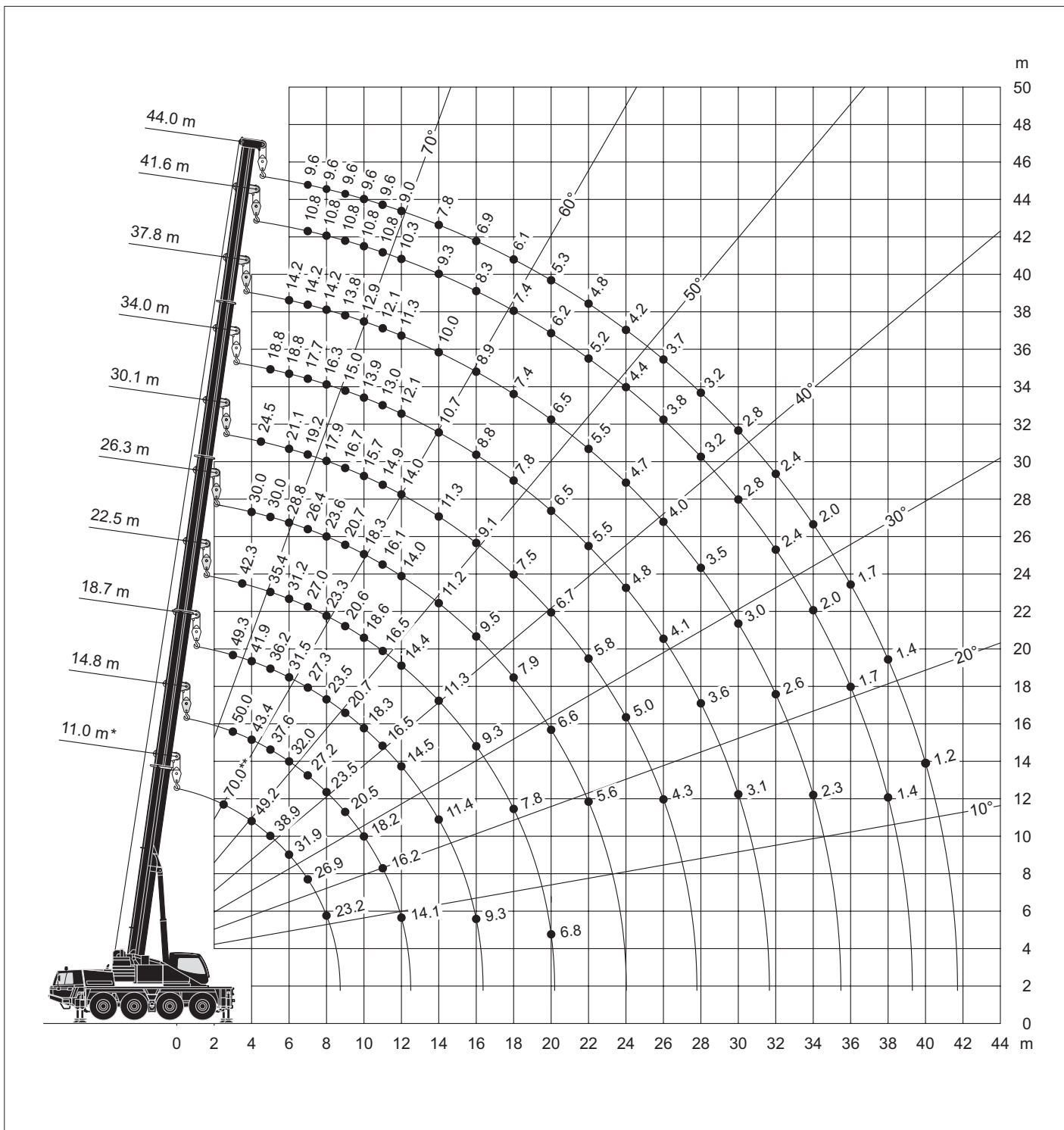
Total weight
48 t, 12 t axle load
40 t, 10 t axle load*
*Special option



Symbols

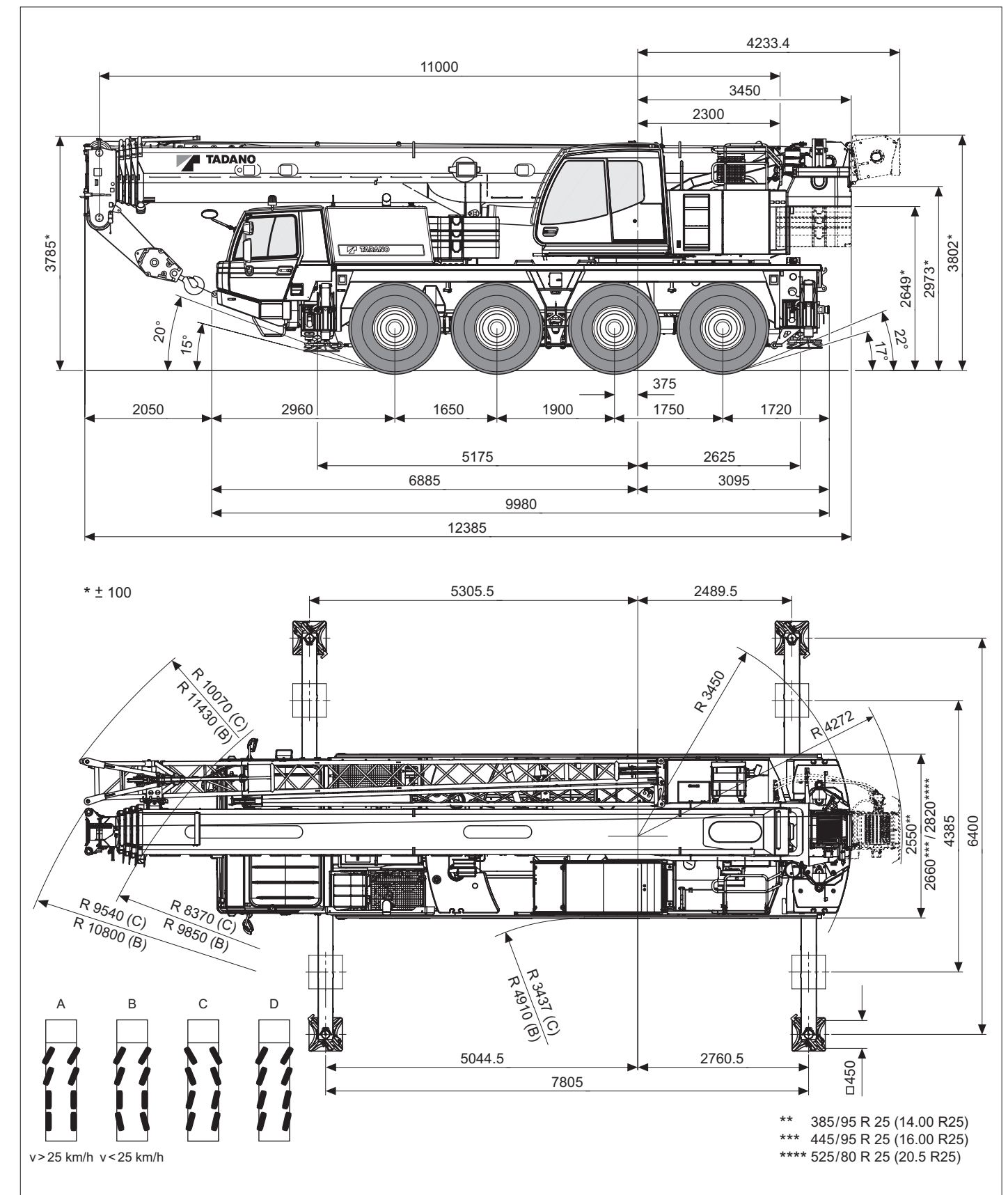


Lifting heights



* Over rear
** With additional lifting equipment

Dimensions (mm)



** 385/95 R 25 (14.00 R25)
*** 445/95 R 25 (16.00 R25)
**** 525/80 R 25 (20.5 R25)