

# AT-255CG



**Maximum working height**  
27.5 m

**Maximum bucket bottom height**  
25.5 m

**Maximum working radius**  
13.5 m

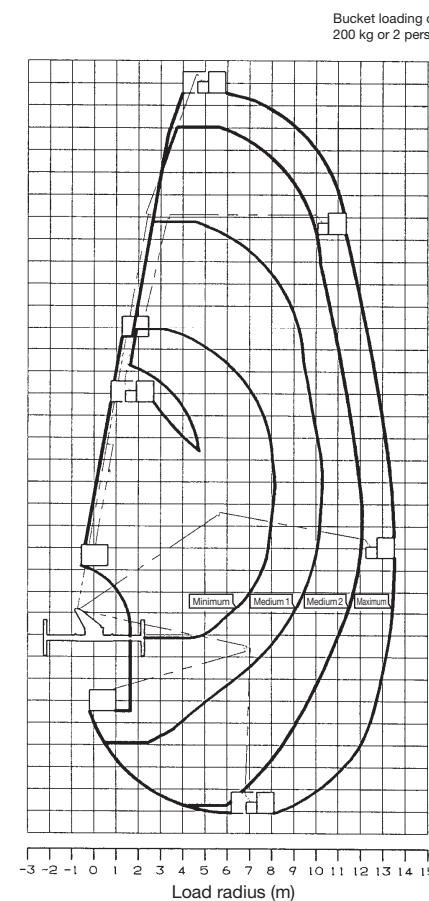
**Maximum bucket loading capacity**  
200 kg or 2 persons

## MODEL: AT-255CG

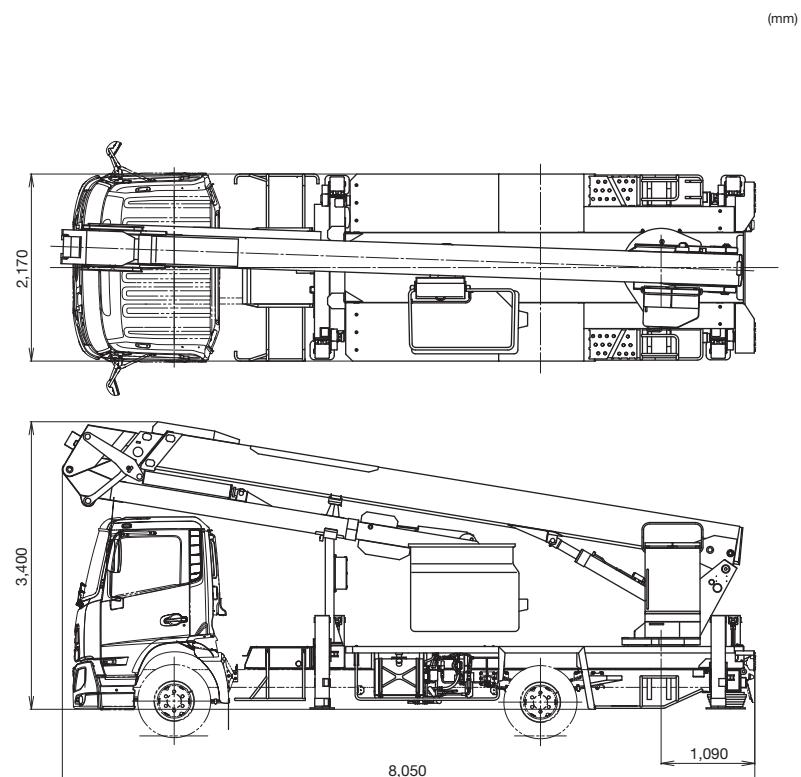
### SPECIFICATIONS

MAX. BUCKET BOTTOM HEIGHT	25.5 m	OUTRIGGERS	4 hydraulically operated outriggers. Each outrigger controlled simultaneously or independently from rear side of carrier. Equipped with sight level gauge. Floats mounted integrally with the jacks and retract to within vehicle width. All cylinders fitted with pilot check valves. 4.4 m
BUCKET EQUIPMENT			
Bucket	F.R.P. (Fiber-reinforced plastics) made.		
Inside dimensions	0.65 m x 1.15 m x 1.0 m (L x W x H)		
Capacity	200 kg or two(2) persons		
Automatic leveling system	By hydraulic cylinders with link.		
Bucket slewing system	Electric motor driven through reduction gear.		
Slewing angle	186° (Left 93°, Right 93°)		
BOOM	3-section full power synchronized telescoping boom of box construction. The synchronization system consists of a double-acting hydraulic cylinder, an extension cable and a retraction cable. Hydraulic cylinder fitted with a holding valve and a pilot check valve.		
Fully retracted length	7.70 m + 4.70 m (Articulating boom)	Fully extended width	
Fully extended length	18.26 m + 6.65 m (Articulating boom)		
Extension speed	10.56 m in 52 s	SAFETY DEVICES	• Automatic working area limiter (AMC)
Articulating speed	1.95 m in 20 s (Articulating boom)		• Boom profile monitor system (Prevent hitting vehicle by boom and by bucket, prevent hitting bucket by articulating boom)
ELEVATION	0° to 170° in 65 s		• Automatic speed control system on boom elevation, slewing and articulating. • Automatic speed reduction and slow stop function on boom elevation, slewing, telescoping and articulating.
Elevation speed	By a double-acting hydraulic cylinder, fitted with a holding valve.		• Automatic acceleration • Boom vertical/horizontal movement device • Boom and bucket automatic stowing • Emergency pump
SLEWING	-12° to 80° in 50 s		• Emergency stop system • Parking brake warning • PTO connect warning (when drive)
Slewing speed	Hydraulic motor driven through worm reduction gear. 360° continuous in either direction on ball bearing slew ring.		• Jack interlock • Boom interlock
HYDRAULIC SYSTEM	1.0 min <sup>-1</sup> {rpm}		• Outrigger indicator
Pumps	Gear pump and piston pump		• Shift lever interlock • Hydraulic cylinder lock valves • Hydraulic safety valves • Level gauge
Control valves	Multiple hydraulic-control valves actuated by switch with integral relief valves, on slewing frame. And electric remote control from bucket.		• Guard for operation levers • Foot switch (on bucket)
Hydraulic oil tank capacity	Approx. 110 L	ACCESSORIES	• Hour meter • Rubber blocks (for outriggers)
Filter	Return line filter		• Chocks
		OPTIONAL EQUIPMENT	• Work light (on bucket) • Safety belt
			• Elevation cylinder boots • Beacon light (on outrigger jacks) • Wood blocks (for outrigger)
			• Grease pump • Tools

### WORKING RANGE



### DIMENSIONS (Approx.)



NOTE: Some specifications are subject to change.

**TADANO**

Reaching new  heights

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