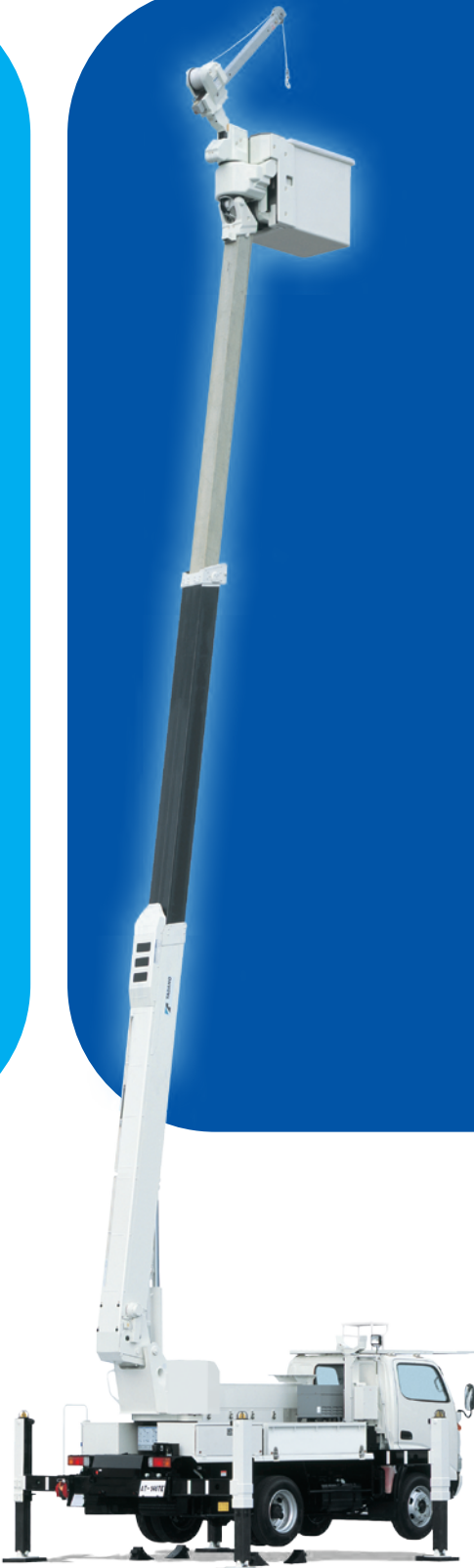


AT-146TE



Maximum working height
17.1 m

Maximum bucket bottom height
15.1 m (14.5 m + 0.6 m: With Bucket ascended)

Maximum working radius
Approx. 11.4 m

Maximum bucket loading capacity
250 kg or two (2) persons

MODEL: AT-146TE

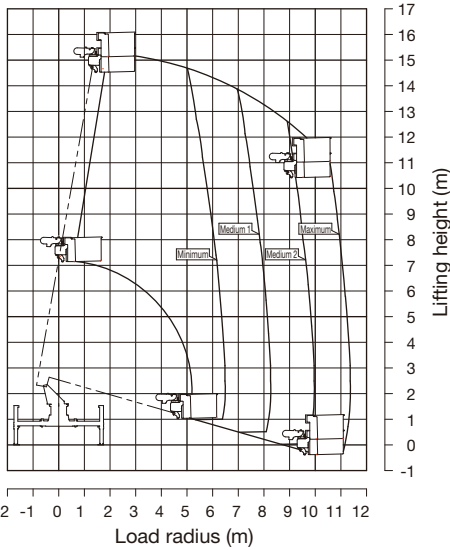
SPECIFICATIONS

MAX. BUCKET BOTTOM HEIGHT	15.1 m (14.5 m + 0.6 m: With Bucket ascended)
BUCKET EQUIPMENT	F.R.P. (Fiber-reinforced plastics) made
Bucket	1.1 m x 0.74 m x 0.9 m (L x W x D)
Inside dimensions	250 kg or two (2) persons
Capacity	By hydraulic cylinders.
Automatic leveling system	200° (Left 100°, Right 100°)
Slewing angle	
BOOM	3-section full power synchronized telescoping boom of box construction. The F.R.P. made top boom section with a high capacity insulating for safety. Tested at 100 kV/5 min. The synchronization system consists of a double-acting hydraulic cylinder, extension cable and a retraction cable. Hydraulic cylinder fitted with a holding valve and a pilot check valve.
Fully retracted length	5.09 m
Fully extended length	12.59 m
Extension speed	7.5 m in 33 s
ELEVATION	By a double-acting hydraulic cylinder, fitted with a holding valve.
Elevation speed	-16° to 80° in 30 s
SLEWING	Hydraulic motor driven through worm reduction gear. 360° continuous in either direction on ball bearing slew ring.
Slewing speed	1.2 min ⁻¹ {rpm}
HYDRAULIC SYSTEM	Gear pump.
Pumps	1 multiple hydraulic-control valves actuated by optical cable remote-control, on slewing frame.
Control valves	
Hydraulic oil tank capacity	Approx. 55 L
Filter	Return line filter 10 μ

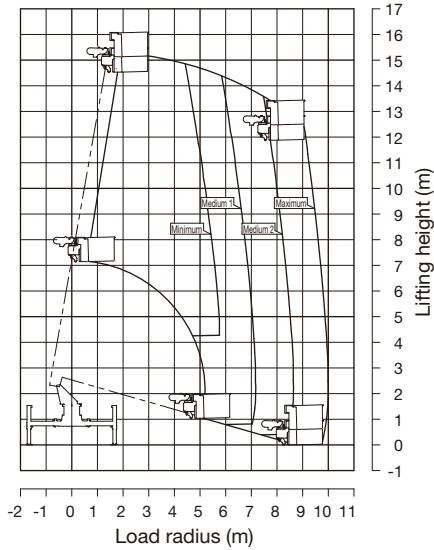
OUTRIGGERS	4 hydraulically operated outriggers. Each outrigger controlled simultaneously or independently from rear side of carrier. Equipped with sight level gauge. Floats mounted integrally with the jacks and retract to within vehicle width. All cylinders fitted with pilot check valves.
Fully extended width	4.1 m
SAFETY DEVICES	<ul style="list-style-type: none"> • Automatic Moment & Motion Controller (AMC) • Boom profile monitor system (Prevent hitting vehicle by boom) • Automatic speed control system on boom elevation and slewing • Automatic speed reduction and slow stop function on boom elevation and/or slewing • Automatic acceleration • Boom vertical/horizontal movement device • Boom automatic stowing • Emergency pump • Emergency stop system • Parking brake interlock • PTO connect warning (when drive) • Jack interlock • Boom interlock • Outrigger indicator • Hydraulic safety valves • Hydraulic cylinder lock valves • Level gauge
ACCESSORIES	<ul style="list-style-type: none"> • Grounding rod with cord reel • Automatic charger for the battery on bucket • Hydro out-let (Hydraulic pressure) • Rubber blocks (for outriggers) • Hour meter • Early warning device • Work light • Tool box • Chocks • Bucket cover sheet • Winch cover sheet • Safety belt • Grease pump
OPTIONAL EQUIPMENT	<ul style="list-style-type: none"> • Control panel illumination (for upper and lower control panel) • Liner guard (bucket) • Tools • Yellow marker lamp

WORKING RANGE

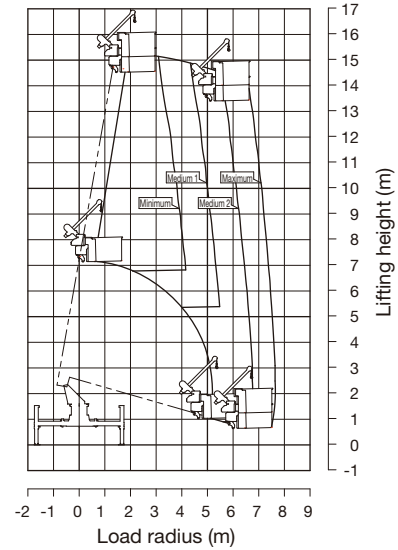
Loading capacity 100 kg



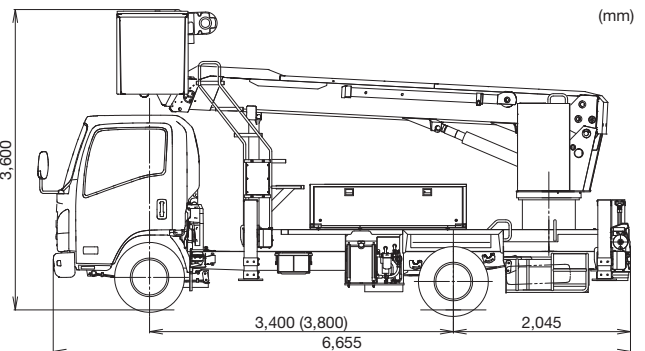
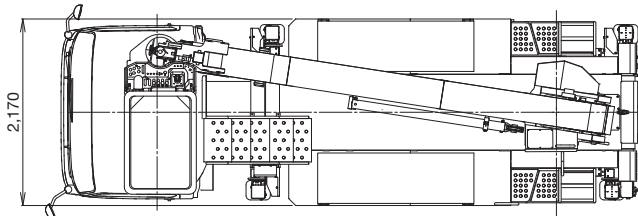
Loading capacity 250 kg



Loading capacity 100 kg
Lifting capacity 490 kg



DIMENSIONS (Approx.)



NOTE: Some specifications are subject to change.



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