



Lifting your dreams

**AERIAL WORK PLATFORM**

# AT-220TG

**Maximum working height**  
24.4 m

**Maximum bucket bottom height**  
22.4 m

**Maximum working radius**  
Approx. 15.2 m + 1 m

**Maximum bucket loading capacity**  
200 kg or two (2) persons



# MODEL: AT-220TG

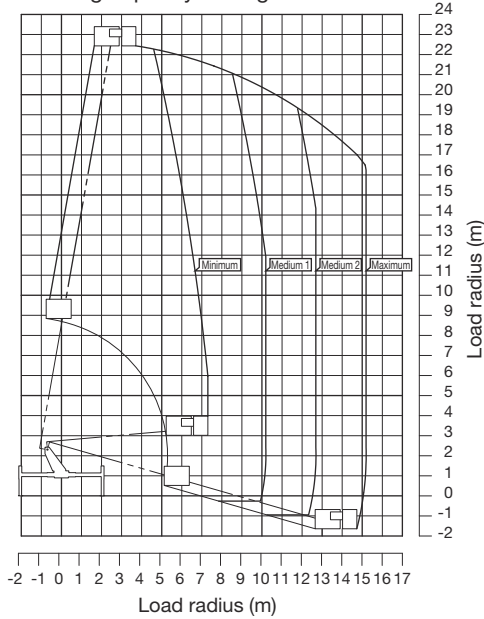
## SPECIFICATIONS

MAX. BUCKET BOTTOM HEIGHT	22.4 m
BUCKET EQUIPMENT	
Bucket	F.R.P. (Fiber-reinforced plastics) made
Inside dimensions	0.7 m x 1.2 m x 0.9 m (L x W x D)
Capacity	200 kg or two (2) persons
Automatic leveling system	By hydraulic cylinders.
Slewing angle	200° (Left 97°, Right 103°)
BOOM	4-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	6.85 m
Fully extended length	20.65 m
Extension speed	13.8 m in 50 s
ELEVATION	By a double-acting hydraulic cylinder, fitted with a holding valve.
Elevation speed	-16° to 80° in 50 s
SLEWING	Hydraulic motor driven through worm reduction gear. 360° continuous in either direction on ball bearing slewing ring.
Slewing speed	1.0 min <sup>-1</sup> {rpm}
HYDRAULIC SYSTEM	
Pumps	Gear pump.
Control valves	Multiple remote-control valves actuated by electric remote control from slewing frame and bucket.
Hydraulic oil tank capacity	Approx. 63 L
Filter	Return line filter

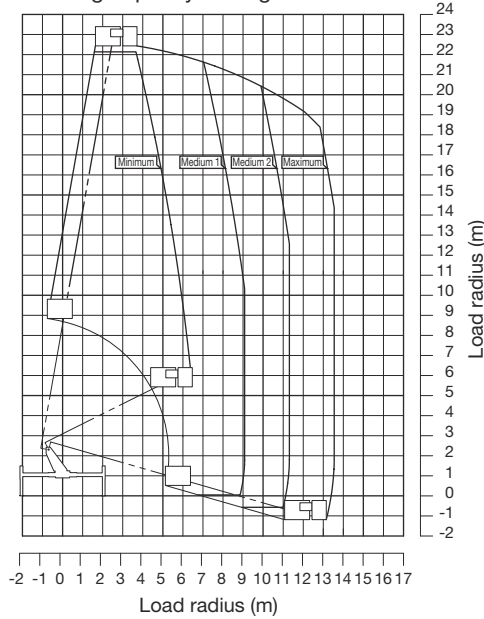
OUTRIGGERS	4 hydraulically operated outriggers. Each outrigger controlled simultaneously or independently from rear side of carrier. Equipped with sight level gauge. Floats mounted integrally with the jacks and retract to within vehicle width. All cylinders fitted with pilot check valves.
Fully extended width	4.1 m
SAFETY DEVICES	<ul style="list-style-type: none"> <li>• Automatic moment limiter (AMC)</li> <li>• Boom profile monitor system (Prevent hitting vehicle by boom and by bucket)</li> <li>• Automatic speed control system on boom elevation and slewing</li> <li>• Automatic speed reduction and slow stop function on boom elevation, slewing and telescoping</li> <li>• Automatic acceleration</li> <li>• Boom vertical/horizontal movement device</li> <li>• Boom and bucket automatic stowing</li> <li>• Emergency pump</li> <li>• Emergency stop system</li> <li>• Parking brake warning</li> <li>• PTO connect warning (when drive)</li> <li>• Jack interlock</li> <li>• Boom interlock</li> <li>• Outrigger indicator</li> <li>• Hydraulic cylinder lock valves</li> <li>• Hydraulic safety valves</li> <li>• Level gauge</li> <li>• Guard for operation levers</li> <li>• Foot switch (on bucket)</li> </ul>
ACCESSORIES	<ul style="list-style-type: none"> <li>• Hour meter</li> <li>• Rubber blocks (for outriggers)</li> <li>• Chocks</li> </ul>
OPTIONAL EQUIPMENT	<ul style="list-style-type: none"> <li>• Work light (on bucket)</li> <li>• Safety belt</li> <li>• Elevation cylinder boot</li> <li>• Beacon light (on outrigger jacks)</li> <li>• Wood block (for outriggers)</li> <li>• Grease pump</li> <li>• Tools</li> </ul>

## WORKING RANGE

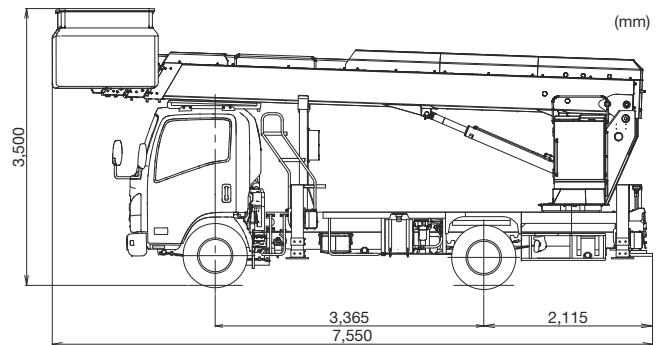
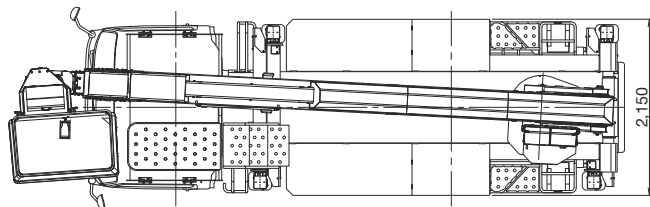
Loading capacity 100 kg



Loading capacity 200 kg



## DIMENSIONS (Approx.)



NOTE: Some specifications are subject to change.



**TADANO LTD.** (International Sales Division)  
 4-12, Kamezawa 2-chome, Sumida-ku Tokyo 130-0014, Japan  
 Phone: +81-3-3621-7750 Fax: +81-3-3621-7785  
<http://www.tadano.com/> E-mail: [info@tadano.com](mailto:info@tadano.com)

