

### TADANO truck crane GT-350E

Crane capacity	35,000kg at 3.0m
Max traveling speed	74km/h
Grade ability(TAN $\theta$ )	46%
Mass gross vehicle mass	33,680kg
Min. turning radius	11m(at center of extreme outer tire)
Boom Fully retracted length Fully extended length extension speed elevation speed	4-section full length power telescoping boom 10.6m 34m 23.4m in 104s -2°-80°in 62s
Jib length	Triple offset (5 °/25 °/45 °) type. Stored under base boom section. 8.8m/15.2m
Hoist —main winch Single line pull Single line speed Wire rope	Variable speed with grooved drum driven by hydraulic axle piston motor through speed reducer. 31.2KN(3190kgf) 118m/min(at the 4th layer) Spin-resistant type, 16mm×190m
Hoist —auxiliary winch Single line pull Single line speed Wire rope	Variable speed with grooved drum driven by hydraulic axle piston motor through speed reducer. 34.3KN(3,500kgf) 102m/min(at the 2 <sup>nd</sup> layer) 16mm×110m
Swing	2.5r / min
Hydraulic system	Pumps----- Quadruple gear pumps driven by carrier engine through P.T.O. Control valves-----multiple valves actuated by pilot pressure integral pressure relieve valve. Circuit----equipped with air cooled type oil cooler. Hydraulic oil tank capacity-----approx.527L
TADANO automatic moment limiter	Main unit in crane cab gives audible and visual warning of approach to overload. Automatically cuts out crane motions before overload. Digital liquid crystal display: <ul style="list-style-type: none"> <li>• either boom angle or moment%</li> <li>• either boom length or potential hook height</li> <li>• actual load radius or swing angle</li> <li>• actual hook load</li> <li>• permissible load</li> <li>• either jib offset angle or number of parts line</li> </ul>



	<p>of rope</p> <ul style="list-style-type: none"> <li>• outrigger position indicator</li> </ul> <p>Bar graphical display:</p> <ul style="list-style-type: none"> <li>• Either moment as percentage or main hydraulic pressure.</li> <li>• boom position indicator</li> </ul>
<p>Outrigger</p> <p style="text-align: center;">Extended width</p>	<p>Hydraulic operated H-type outriggers.</p> <p>Each outrigger controlled simultaneously or independently from either side of carrier.</p> <p>Equipped with level gauge.</p> <p>Float mounted integrally with the jack retractor to within vehicle width. All cylinders are fitted with pilot check valves.</p> <p>Crane operation with different extended length of each outrigger.</p> <p>Equipped with extension width detector for each outrigger.</p> <p>Fully 6.1m, middle 4m, minimum 2.08m</p> <p>Float size(diameter)-----400mm</p>
Front jack	<p>A fifth hydraulically operated outrigger jack.</p> <p>Mounted to the front frame of carrier to permit 360 ° lifting capacities.</p> <p>Float size(diameter)-----260mm</p>
Carrier	Model: BCW5361JQZ 8*4
Engine	<p>Model---ISLE+325(Cummins original)</p> <p>Type-----4 cycle, turbo charged, 6 cylinder in line, direct injection, water cooled engine.</p> <p>Emission-----8.9L</p> <p>Max. output---239KW/2,100r/min</p> <p>Max. torque----1,425N.m/1,100-1600r / min</p>
transmission	8 forward gear and 1 reverse gear