

### Installation Guide for 30 ton Rubber Tire Gantry Crane

abor	Mechanical engineer	Welder	Electrical engineer	General workers				
	3 persons	2 persons	3 persons	3 persons				
Tools and material	30t truck crane	Full set of wrenches	Screw	Welding machine	Cutting Machine	Oxyacetylene flame	10mm wire rope	Rope buckle
	2sets	1 set	1 set	1 set	1 set	1 set	<b>60m</b>	16 pcs
	2ton chain block	3ton Ground anchor	Spirit level	level gauge	10m Steel tape	50m Steel disc ruler	Crowbar	Aerial work truck
	8pcs	8pcs	1 piece	1 set	1 piece	1 piece	4pcs	1set
Main steps of installation	1. Locate the positioning of the four rubber tires wheels of rtg crane on the ground in designated worksite by using dial ruler.							
	2. Locate the ground anchor point based on the position of the outrigger (the ground anchor is the support point of the outrigger wind rope, and other alternative is allowed according to the site conditions).							
	3. Use the truck crane to place the ground beam to the designated position.							
	4. Use the truck crane and wrenches to assemble supporting leg legs onto the ground beams.							
	5. Use wire rope, rope buckle and chain block to fix crane legs.							
	6. Use truck crane, welding machine, aerial work truck and oxyacetylene flame to assemble main girders.							
	7. Use truck crane to assemble hoist trolley.							
	8. Use wrenches, screw, oxyacetylene flame and truck crane to fix and install electric components.							
	9. Use wrenches and screw to connect electrical wires							
<p>Note: There are many different methodologies or schemes to install a rtg crane. If there's a more suitable plan worked out based on the onsite conditions, alterations are allowed in actual installation process.</p>								