Product Highlights

1 Superstrong wind turbine lifting capability

- 8-axle all-terrain chassis, special boom for wind turbine, super-lifting mechanism with the same rope length and better side-loading-proof capability.

2 Efficient operation

- Modular design, heavy-duty site transfer with super-lifting and counter-weight frame, and less disassembly and assembly works. Lots of automatic pins are used, which makes disassembly and assembly easier.

3 Multiple work modes

- Both the boom and tip boom can satisfy the demands of wind turbine lifting and installation, offering a variety of choices.

4 Dual configuration of wind turbine version and general version, boasting flexible interchangeability and wide application

- Wind turbine version is mainly for hoisting and installation of 2.0-2.5MW wind turbines, while general version is suitable for projects in petroleum chemicals, steels and bridges, etc.

ZOOMLION

QAY800

Technical Specification

Item			Value	Remarks
Work performance	Max. rated lifting capacity	kg	800000	
	Max. load moment of basic boom	kN.m	24000	
Work speeds	Max. hoist rope speed (Main winch)	m/min	125	At the biggest layer
	Boom extending time	min	≥20	
	Boom derricking up time	s	≥160	
	Slewing speed	r/min	≤0.65	
Driving	Max. driving speed	km/h	72	
	Approach angle	°	17	
	Leave angle	°	29	
	Max. gradeability	%	35	
	Min. turning diameter	m	29	
	Min. ground clearance	mm	306	
	Brake distance	m	10	At 30km/h
	Limits for exhaust pollutants and smoke		National Stage IV	
Mass	Deadweight in driving condition	kg	92000	
	Axle load	kg	12000	
Dimensions	Overall dimensions (L × W × H)	mm	19980×3000×4000	
	Outrigger spread (L)	m	13	
	Outrigger spread (W)	m	13	
	Main boom length	m	17.8 ~ 91.3	
	Boom angle	°	-0.6 ~ 83	
	Fix jib length	m	10 ~ 52	
	Fix jib offset	°	0、15、30	
	Luffing jib length	m	15 ~ 69	
Others	"Y"-guying system		Yes	
	Luffing system		Yes	