



Engine

Model	WD615.46
Type	Direct injection, turbocharged, water cooled
Rated power	266KW
Rated speed	2200rpm

Mass Specification

Operating weight	40400Kg
Front axle load	14500Kg
Rear axle load	25900Kg

Dimensions

Overall length	13100mm
Overall width	2750mm
Overall height	3350mm
Wheel base	
Axle1, Axle2	1520mm
Axle2, Axle3	3815mm
Axle3, Axle4	1350mm

Lifting Specification

Max. rated lifting capacity	50000Kg
Min. rated working radius	3m

Max. load moment	
Base boom	1764KN·m
Fully extended boom	823KN·m
Fully extended boom+jib	492.8KN·m

Outrigger span	
Longitudinal	5.65m
Lateral	6.6m

Lifting height	
Base boom	10.70m
Fully extended boom	40.1m
Fully extended boom+jib	55.8m

Working Speed

Boom raising time	88s
Boom full extension time	180s
Max. slewing speed	2.0rpm

Hoist speed	
Main winch (full load)	≥85m/min
Aux. winch (full load)	≥80m/min

Traveling Specification

Max. traveling speed	75km/h
Min. turning diameter	24m
Ground clearance	285mm
Approach angle	16°
Departure angle	16°
Grade ability	27%
Fuel consumption	42L/100km

Rated Lifting Load For Boom

Outrigger fully extend and boom over side or rear Lifting Load (ton)					
Working radius(m)	Boom Length(m)				
	10.70	18.05	25.40	32.75	40.10
3	50				
3.5	50	31			
4	42.5	29			
4.5	39.5	28	20		
5	36	27	19		
5.5	30.3	24.5	18.5		
6	25.6	23	18.2	13.6	
7	19.4	18.9	17	13.6	
8	15.2	14.6	15.5	12.5	8.2
9	12.1	11.8	12.8	11.5	8.2
10		9.5	10.6	10.5	7.6
12		6.8	7.7	8.2	6.8
14		4.8	5.8	6.2	6
16		3.4	4.4	4.8	5
18			3.3	3.8	4
20			2.5	3	3.2
22			1.8	2.3	2.6
24				1.8	2.1
26				1.3	1.6
28					1.2
30					0.9
Parts of line	12	8	5	4	3