



Engine

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

Mass Specification

Operating weight ----- 43000Kg
 Front axle load ----- 16000Kg
 Rear axle load ----- 27000Kg

Dimensions

Overall length ----- 13500mm
 Overall width ----- 2800mm
 Overall height ----- 3510mm
 Wheel base
 Axle1, Axle2 ----- 1520mm
 Axle2, Axle3 ----- 3965mm
 Axle3, Axle4 ----- 1350mm

Lifting Specification

Max. rated lifting capacity ----- 70000Kg
 Min. rated working radius ----- 3m

Max. load moment
 Base boom ----- 2303KN·m
 Fully extended boom ----- 1043KN·m
 Fully extended boom+jib ----- 492.8KN·m

Outrigger span
 Longitudinal ----- 5.75m
 Lateral ----- 6.9m

Lifting height
 Base boom ----- 11.2m
 Fully extended boom ----- 42m
 Fully extended boom+jib ----- 58m

Working Speed

Boom raising time ----- 75s
 Boom full extension time ----- 150s
 Max. slewing speed ----- 2.0rpm

Hoist speed
 Main winch (full load) ----- ≥75m/min
 Aux. winch (full load) ----- ≥98m/min

Traveling Specification

Max. traveling speed ----- 75km/h
 Min. turning diameter ----- 24m
 Ground clearance ----- 270mm
 Approach angle ----- 16.5°
 Departure angle ----- 11.3°
 Grade ability ----- 40%
 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)					
	11.2	15.05	18.9	26.6	34.3	42
3	70					
3.5	63.5					
4	54.5	46.5	36.5			
5	47	40.5	35.5	22.5		
6	38.5	33.5	33.5	22.5		
7	29.5	26.5	25.5	21.5	17	
8	22.5	21.5	21.3	19.5	16	
9	17.5	17.5	17	17	15	9.2
10		14	13.8	15.2	13.5	8.9
12		9.8	9.5	10.6	11.6	8.1
14			6.6	8	9.3	7.4
15			5.6	7	8	7.1
16			5	6	7	6.5
18				4.8	5.5	5.5
20				3.8	4.2	4.8
22				2.85	3.2	3.8
24					2.5	3
26					1.9	2.3
28					1.5	1.9
29					1.1	1.6
30					0.85	1.4
32						1.1
34						0.85
36						0.6