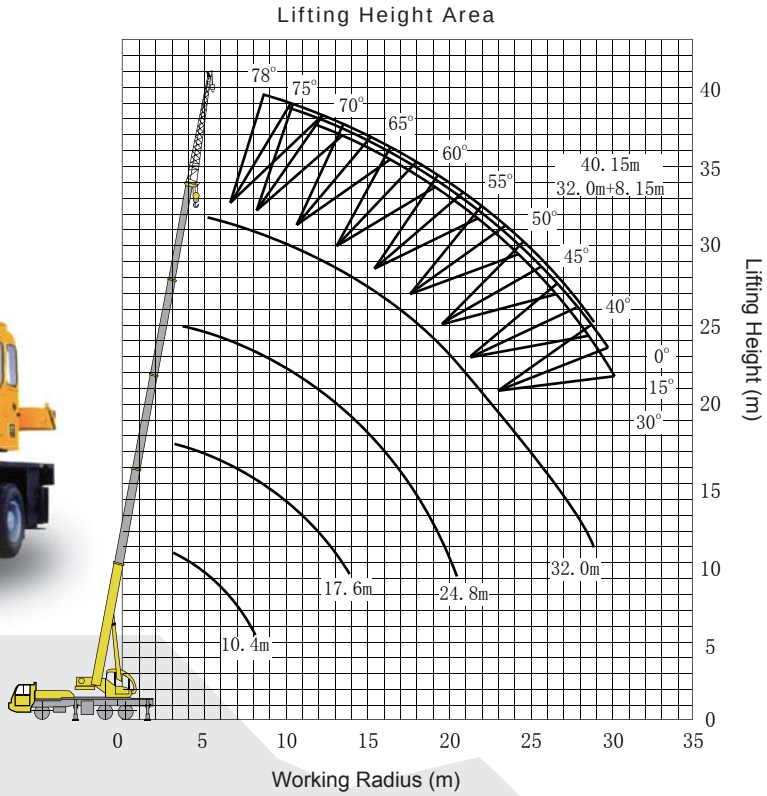
Lifting Height Area



Engine

Model	6CL280-2
Type	Direct injection, turbocharged, water cooled
Rated power	206KW
Rated speed	2200rpm

Mass Specification

Operating weight	27900Kg
Front axle load	6100Kg
Rear axle load	21800Kg

Dimensions

Overall length	12360mm
Overall width	2500mm
Overall height	3380mm

Wheel base

Axle1, Axle2	4125mm
Axle2, Axle3	1350mm

Lifting Specification

Max. rated lifting capacity	25000Kg
Min. rated working radius	3m

Max. load moment

Base boom	948KN·m
Fully extended boom	521KN·m
Fully extended boom+jib	331KN·m

Outrigger span

Longitudinal	4.8m
Lateral	6.0m

Lifting height

Base boom	10.4m
Fully extended boom	32.0m
Fully extended boom+jib	40.15m

Working Speed

Boom raising time	75s
Boom full extension time	100s
Max. slewing speed	2.5rpm

Hoist speed

Main winch (full load)	≥70m/min
Aux. winch (full load)	≥60m/min

Traveling Specification

Max. traveling speed	72km/h
Min. turning diameter	22m
Ground clearance	260mm
Approach angle	16°
Departure angle	13°
Grade ability	27%
Fuel consumption	35L/100km

Rated Lifting Load For Boom

Outrigger fully extend and boom over side or rear
Lifting Load (ton)

Working radius(m)	Boom Length(m) 10.4	17.6	24.8	32.00
3.0	25	14.7		
3.5	25	14.7		
4.0	24	14.7	9.1	
4.5	21.5	14.7	9.1	
5.0	18.7	14.2	9.1	
5.5	15.7	13.5	9.1	6.5
6.0	12.1	13	8.8	6.5
7.0	9.6	12	8.2	6.5
8.0		9.9	7.5	6.1
9.0		8.1	7.1	5.5
10.0		6.8	6.4	5
12.0		5	5.06	4.3
14.0		3.8	3.9	3.8
16.0			3.1	3.1
18.0			2.53	2.5
20.0			2	1.96
22.0			1.65	1.6
24.0				1.29
26.0				1.02
28.0				0.81
29.0				0.7
Parts of line	10	6	4	3