

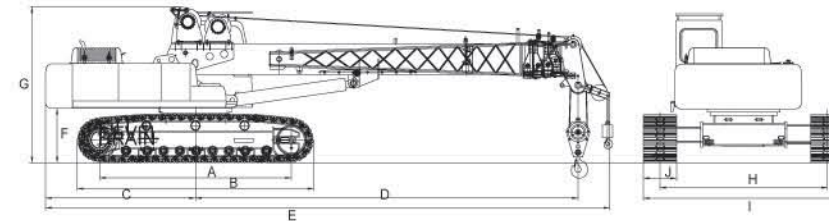


QUY20A Crawler Crane

QUA20A

- Original imported power system, hydraulic system and pilot control system ensure dependable performance and sensitive operations.
- Unique telescopic and crawler design enables the machine suitable for specific conditions, such as under bridges and in tunnels where the height is limited, or where the machine needs to transfer sites frequently, which saves labours of dismantling its boom.
- The Machine can work without outrigger and travel with load.
- High reliable moment limiter ensures more stable and safer work.
- High capacity of fuel tank greatly increases time interval of fueling.
- The extendable chassis not only improves working stability, but also allows transportation of whole machine without dismantling.
- Capacious and comfortable cabin with broad field of vision, air-conditioner, silicone oil vibration absorbing and adjustable seat.
- Cast-iron counterweight ensures smaller swing radius.

QUY20A Dimensions



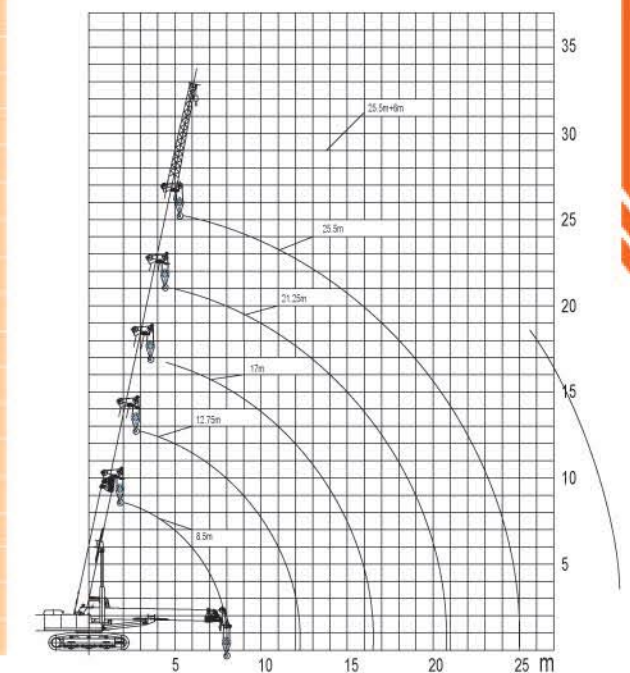
Item	Standard (mm)
A Overall Width	4012
B Shoe length	4943
C Rear swing radius	3134
D Length range of main boom	8000-25000
E Overall Length	11796
F Ground clearance of platform	1136
G Overall height	3261
H Track gauge	2300-3500
I Max overall width	3000-4200
J Shoe width	700

QUY20A

Specifications

ENGINE POWER	MITSUBISHI	114kw@2050rpm
MAX.LIFTING CAPACITY		20t
MAX.LIFTING CAPACITY OF SECONDARY HOOK		2.5t
BASIC BOOM LENGTH		8.5m
LENGTH OF MAIN BOOM WHILE EXTENDING FULLY		25.5m
MAX.HOISTING HEIGHT OF MAIN BOOM		25.2m
JIB LENGTH		6.0m
OFFSET ANGLE OF JIB		0° , 20°
MAX.TRAVEL SPEED		4.6km/h
GRADEABILITY		40%
SWING SPEED		2.39r/min
TOTAL WEIGHT		35.8t
MAX.HOISTING HEIGHT OF JIB		31.6m
MAX.HOISTING SPEED OF SECONDARY HOOK		134m/min
MAX.HOISTING SPEED OF MAIN HOOK	n=8	16.75m/min
	n=6	22.33m/min
	n=4	33.5m/min
	n=2	67m/min

Working Ranges



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LIFTING CAPACITY TABLE

(m)WORKING RADIUS(m)	UNIT: TON					ELEVATION	(m) JIB(m)	
	8.5	8.5~12.75	(m) MAIN BOOM LENGTH(m) 12.75~17.0	17.0~25.25	21.25~25.5		25.5+6	
2.5	20						0°	20°
3.0	18.0	10.0				78°	2.5	2.2
3.5	16.0	10.0				76°	2.1	1.8
4.0	15.3	10.0				74°	1.7	1.6
4.5	13.5	9.8				72°	1.4	1.0
5.0	12.0	9.6	6	5		70°	1.1	0.7
5.5	11.0	9.7	5.8	4.8		68°	1.0	0.5
6.0	10.2	9.0	5.6	4.7	4	65°	0.7	0.4
7.0		8.2	5.3	4.5	3.6	62°	0.6	
8.0		7.0	4.8	4.2	3.4	59°	0.4	
9.0		5.8	4.2	3.8	3.2	55°	0.2	
10.0		4.6	3.5	3.5	2.6			
12.0			3.2	3.0	2.3			
14.0			2.8	2.6	2.0			
16.0			2.2	2.0	1.6			
18.0				1.5	1.3			
20.0					1.1			
25.0					1			
MULTIPLICATION RATE OF CABLE	8	8	6	4	2			1
HOOK WEIGHT			0.38					0.055