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XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

XCMG Headquarters, Xuzhou Economic Development Zone,
Jiangsu, China 221004

(+86-516) 87739230

XCMG Regional Departments:	
West Asia & North Africa	(+86-516) 87739251 87739202 87739223
Asia-Pacific	(+86-516) 87739500 87739529 87739233
Central Asia	(+86-516) 87739218 87739239 87739510
North America	(+86-516) 87739285 87739551 87739713
South America	(+86-516) 87739196 87739714 87739187
Africa	(+86-516) 87739501 87739222 87739709
Europe	(+86-516) 87739238 87739271 87739228

export@xcmg.com

WWW.XCMG.COM

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Max. lifting capacity (t)	220
Max. lifting torque (kN.m)	6774
Boom length (m)	64
Engine model	TAD720VE
Rated engine power (kW/r/min)	162/2100

QAY220

ALL TERRAIN CRANE

QAY220
All Terrain Crane

Product Advantages

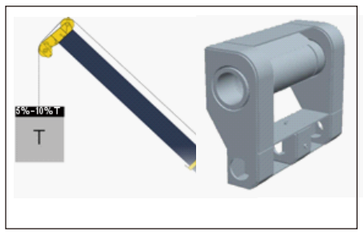
Superexcellent lifting performance

Fully extended boom length is 13.6 - 64 m, 3m longer than its archrivals, in addition to extension jib of 36m, making the product's maximum lifting height reach 94.7m.

Together, compact boom tail structure, increased effective tapping length of lifting boom and decreased jib deflection can effectively avoid partial instable.

Four-axle drive with strong power

Four axles drive the chassis, giving the product good driving performance and strong trafficability. With adoption of the multi-model steering system, transit time can be effectively reduced, and the complete vehicle's working time is increased in turn. As a result, the economic benefits are remarkable.



Advanced disc brake technology

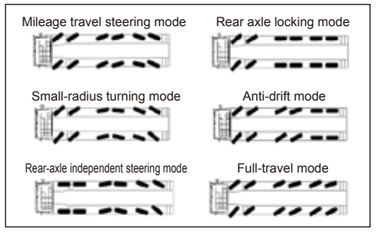
Adoption of the disc brake makes maintenance interval and cost decreased by two-thirds. Moreover, the product has good heat dissipation effect, and can get rid of water quickly, in addition to its high brake stability as well as safe and reliable continuous brake performance.

Unique multi-point heat dissipation technology in China

According to the power transmission system's characteristics, the centralized control method is adopted and the multi-point heat dissipation technology is capitalized to dissipate the heat of engine, gearbox, and transfer case at multiple points, as a way to ensure the power transmission system's running stability.

Precise and reliable steering system

The vehicle can carry out multi-mode all-axle steering according to road condition, and the electro-hydraulic proportional steering control technology helps optimize steering precision.



Technical Specifications

Item		QAY220	Unit
Dimensions	Overall length	15850	mm
	Overall width	3000	mm
	Overall height	3970	mm
Weight	Dead weight in travel state	72000	kg
	1st axle load	12000	kg
	2nd axle load	12000	kg
	3rd axle load	12000	kg
	4th axle load	12000	kg
	5th axle load	12000	kg
	6th axle load	12000	kg
Travel	Max. travel speed	72	km/h
	Min. turning diameter	23	m
	Min. ground clearance	270	mm
	Approach angle	16	°
	Departure angle	18	°
	Max. gradeability	50(72t)	%
	Fuel consumption of 100km	80	L
Power	Superstructure engine model	TAD720VE	
	Superstructure engine rated output	162/2100	kW/(r/min)
	Carrier engine model	OM502LA.E3A/3	
	Carrier engine rated output	420/1800	kW/(r/min)
	Carrier engine max torque	2700/1300	N.m/(r/min)
Lifting performance	Max. lifting capacity	220	t
	Min. rated working radius	3	m
	Turning radius at swing tadble tail	5087	mm
	Base boom Max.load moment	6774	kN.m
	Base boom	13.6	m
	Full-extend boom	64	m
	Full-extend boom + Jib	96	m
	Outrigger longitudinal distance span	8.8	m
	Outrigger lateral distance span	8.7/6.5	m
Working speed	Boom elevating time	90	
	Boom full elevating time	600	ss
	Max. slewing speed	1.9	r/min
	Main winch max. speed	120	m/min
	Auxiliary winch max. speed	110	m/min

Total Rated Lifting Load

Total rated lifting load for boom

Fully-extend outrigger 8.7m, counter weight 65t, 360°operation

Working radius (m)	Boom Length 13.6m	Boom Length 18.2m	Boom Length 18.2m	Boom Length 18.2m	Boom Length 22.9m	Boom Length 22.9m	Boom Length 22.9m	Boom Length 27.5m	Boom Length 27.5m	Boom Length 27.5m
Lifting load (t)										
3.0	220.0*									
3.5	160.0	150.0	145.0	125.0						
4.0	145.0	140.0	140.0	117.5	115.0	130.0	110.0			
4.5	135.0	130.0	130.0	110.5	108.5	122.5	104.5	103.5	115.0	103.0
5.0	125.0	125.0	120.0	104.4	102.0	115.5	99.5	98.0	110.0	98.0
6.0	116.0	113.0	112.5	94.0	91.0	102.0	91.0	87.0	103.0	88.5
7.0	102.7	101.0	102.0	85.4	81.9	91.0	83.5	78.0	93.0	81.0
8.0	89.5	89.0	89.7	78.0	74.0	82.5	76.5	70.9	84.5	74.5
9.0	79.0	78.5	79.2	72.0	67.9	74.9	70.0	64.5	77.5	69.0
10.0	67.0	70.0	70.9	67.0	62.5	68.5	64.5	59.9	71.0	64.0
12.0		56.7	57.7	58.3	55.0	57.1	56.0	51.0	57.8	56.5
14.0		46.7	47.7	48.5	46.2	47.2	48.5	44.5	47.8	49.3
16.0					38.8	39.7	41.1	39.2	40.5	42.0
18.0					33.2	34.1	35.3	33.6	34.7	36.2
20.0								28.3	29.8	31.5
22.0								24.1	25.6	27.1
Combination	00000	10000	01000	00100	20000	11000	01100	21000	11100	01110
Parts of line	16		15			12			11	
Angle area	30.8°～73.3°		31.5°～76.8°			32.0°～79.0°			32.4°～80.5°	
Hook block	160t									
Weight of hook block	2416kg									

●The rated load capacity marked with"*"means some devices should be added.
●Total rated loads shown in the tables mean that the max.load capacity crane can be ensured when crane is set on flat and firm ground.
●Each total rated load in the tables inclues weight of the hook and slings.
●In the Boom Length columns, 0 indicates that boom sections are not extended out; 1 indicates that boom sections are extended out 46%;
2 indicates that boom sections are extended out 92%; 3 indicates that boom sections are extended out 100%.

QAY220 Total rated lifting load for boom

Fully-extend outrigger 8.7m, counter weight 65t, 360°operation

Working radius (m)	Boom Length 32.1m	Boom Length 32.1m	Boom Length 32.1m	Boom Length 36.8m	Boom Length 36.8m	Boom Length 36.8m	Boom Length 41.4m	Boom Length 41.4m	Boom Length 41.4m
Lifting load (t)									
5.0	89.0	95.0	64.5						
6.0	79.5	92.5	61.0	79.0	79.0	73.0			
7.0	73.0	85.4	57.0	72.0	72.5	69.5	56.0	56.5	60.0
8.0	66.0	79.0	54.0	65.0	66.0	66.0	52.0	52.0	55.0
9.0	60.0	72.9	51.5	59.0	60.5	62.5	47.5	47.5	50.0
10.0	55.0	67.0	49.0	54.0	55.5	60.0	43.7	44.0	46.0
12.0	47.0	58.0	44.5	46.0	47.0	49.5	39.5	37.5	39.5
14.0	40.0	48.7	41.5	40.0	43.9	43.5	34.5	36.5	35.0
16.0	35.5	41.3	38.5	35.4	38.5	40.4	30.5	32.0	31.0
18.0	31.5	35.7	35.5	31.5	34.0	36.5	26.5	28.5	27.9
20.0	28.5	30.8	32.5	28.0	30.1	31.8	23.9	25.5	25.0
22.0	24.5	26.5	28.1	25.0	25.8	27.5	21.9	23.0	22.5
24.0	21.1	23.1	24.8	21.8	22.5	24.1	19.5	21.0	20.9
26.0	18.0	20.0	21.8	19.0	19.6	21.3	17.5	19.0	19.0
28.0				16.6	17.3	18.8	16.0	17.3	18.0
30.0				14.6	15.4	16.8	15.0	15.4	16.3
32.0							13.5	13.8	14.5
34.0							12.0	12.3	13.0
Combination	22000	11110	01111	22100	21110	11111	22200	22110	21111
Parts of line		9			7			6	
Angle area		32.4°～80.5°			32.7°～81.6°			33.4°～81.9°	
Hook block				100t				65t	
Weight of hook block				1543kg				1001kg	

●Total rated loads shown in the tables mean that the max.load capacity crane can be ensured when crane is set on flat and firm ground.
●Each total rated load in the tables inclues weight of the hook and slings.
●In the Boom Length columns, 0 indicates that boom sections are not extended out; 1 indicates that boom sections are extended out 46%;
2 indicates that boom sections are extended out 92%; 3 indicates that boom sections are extended out 100%.

Total Rated Lifting Load

Total rated lifting load for boom

Fully-extend outrigger 8.7m, counter weight 65t, 360°operation

Working radius (m)	Boom Length 46.1m	Boom Length 46.1m	Boom Length 46.1m	Boom Length 50.7m	Boom Length 50.7m	Boom Length 50.7m	Boom Length 55.3m	Boom Length 55.3m	Boom Length 55.3m	Boom Length 60.0m	Boom Length 64.0m
Lifting load (t)											
8.0	48.0	48.5	39.5								
9.0	44.5	45.5	37.5	40.0	40.0	34.5					
10.0	41.4	43.0	35.4	37.5	37.5	33.5	32.5	33.0	29.5		
12.0	35.4	37.0	31.4	32.0	33.5	31.0	29.3	29.5	28.0	25.2	
14.0	31.5	32.4	27.5	28.0	30.0	27.5	27.0	27.5	26.0	23.5	21.3
16.0	27.5	28.5	24.5	24.5	26.0	24.5	24.5	25.0	23.0	22.0	19.0
18.0	24.5	25.0	22.0	22.0	23.5	22.0	20.9	22.6	21.0	20.3	17.0
20.0	22.0	23.0	20.0	20.0	22.0	20.0	20.0	20.6	18.9	19.0	15.3
22.0	19.9	20.5	18.0	18.9	20.5	18.0	18.3	18.8	17.1	17.1	13.8
24.0	18.0	19.0	16.5	17.5	17.5	16.5	16.8	17.2	16.0	16.0	12.6
26.0	16.0	17.0	15.0	16.0	16.0	15.0	15.4	15.7	13.7	14.9	11.6
28.0	14.5	15.5	14.0	14.5	14.9	14.0	13.8	14.3	13.3	13.9	10.6
30.0	13.5	14.5	13.0	13.5	13.5	13.0	13.2	13.6	12.3	13.0	9.7
32.0	12.5	13.5	12.0	12.0	12.5	12.5	11.9	12.3	11.6	12.0	8.9
34.0	11.5	12.5	11.0	11.5	11.5	11.4	11.4	11.5	10.8	11.0	8.2
36.0	10.5	11.5	10.5	10.5	10.9	10.0	10.5	10.8	10.3	10.4	7.5
38.0	9.3	10.3	9.2	9.9	10.1	10.0	9.7	9.9	9.8	9.5	7.0
40.0				9.3	9.4	9.7	9.0	9.2	9.3	9.2	6.6
42.0				8.6	8.8	9.2	8.4	8.6	8.8	8.5	6.1
44.0							7.9	8.0	8.1	8.0	5.7
46.0							7.3	7.5	7.6	7.5	5.3
48.0										7.0	4.9
50.0										6.7	4.6
52.0										6.5	4.3
54.0											4.1
56.0											3.8
Combination	22210	22111	02221	22220	22211	12221	22221	22212	22122	22222	33333
Parts of line		5			4			3		3	2
Angle area		33.7°～82.0°			33.7°～82.0°			34.3°～82.0°		34.6°～81.6°	29.7°～80.8°
Hook block					65t					30t	
Weight of hook block					1001kg					447kg	

●Total rated loads shown in the tables mean that the max.load capacity crane can be ensured when crane is set on flat and firm ground.

●Each total rated load in the tables inclues weight of the hook and slings.

●In the Boom Length columns, 0 indicates that boom sections are not extended out; 1 indicates that boom sections are extended out 46%; 2 indicates that boom sections are extended out 92%; 3 indicates that boom sections are extended out 100%.

Total rated lifting load for jib

Jib 36m, fully-extend outrigger 8.7m, counter weight 65t, 360°operation

Elevation angle (°)	Boom Length 46.1m			Boom Length 50.7m			Boom Length 55.3m			Boom Length 60.0m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
Lifting load (t)												
82.0	4.0	2.6	2.0	4.0	2.6	2.0	3.7	2.6	2.0	3.7	2.6	1.8
80.0	3.6	2.3	1.8	3.6	2.3	1.8	3.6	2.3	1.8	3.6	2.3	1.8
78.0	3.3	2.3	1.8	3.3	2.3	1.8	3.3	2.2	1.8	3.2	2.2	1.8
76.0	3.2	2.2	1.8	3.2	2.2	1.8	3.0	2.2	1.8	3.0	2.2	1.8
74.0	3.0	2.2	1.8	3.0	2.2	1.6	2.7	2.0	1.6	2.7	2.0	1.6
72.0	2.7	2.0	1.6	2.7	2.0	1.6	2.7	2.0	1.6	2.7	2.0	1.6
70.0	2.6	2.0	1.6	2.6	2.0	1.6	2.6	2.0	1.6	2.6	2.0	1.6
68.0	2.6	2.0	1.6	2.3	1.8	1.6	2.3	1.8	1.6	2.3	1.8	1.6
66.0	2.3	1.8	1.6	2.3	1.8	1.6	2.3	1.8	1.6	2.3	1.8	1.6
64.0	2.2	1.8	1.6	2.2	1.8	1.6	2.2	1.8	1.3	2.2	1.8	1.3
62.0	2.2	1.8	1.3	2.2	1.8	1.3	2.2	1.6	1.3	2.2	1.6	1.3
60.0	2.2	1.6	1.3	2.0	1.6	1.3	2.0	1.6	1.3	2.0	1.6	1.3
58.0	2.0	1.6	1.3	2.0	1.6	1.3	2.0	1.6	1.3	2.0	1.6	1.3
56.0	2.0	1.6	1.3	2.0	1.6	1.3	1.8	1.6	1.3	1.8	1.6	1.3
54.0	1.8	1.6	1.3	1.8	1.6	1.3	1.8	1.6	1.3	1.8	1.6	1.3
52.0	1.8	1.6	1.3	1.8	1.6	1.3	1.8	1.3	1.3	1.8	1.3	1.3
50.0	1.8	1.3	1.3	1.8	1.3	1.3	1.6	1.3	1.3	1.6	1.3	1.3
48.0	1.8	1.3	1.3	1.6	1.3	1.3	1.6	1.3	1.3	1.6	1.3	1.3
46.0	1.6	1.3	1.3	1.6	1.3	1.3	1.6	1.3	1.3	1.6	1.3	1.3
Combination	22210	22111	02221	22220	22211	12221	22221		22212		22222	

●Total rated loads shown in the tables mean that the max.load capacity crane can be ensured when crane is set on flat and firm ground.

●Each total rated load in the tables inclues weight of the hook and slings.

●In the Boom Length columns, 0 indicates that boom sections are not extended out; 1 indicates that boom sections are extended out 46%; 2 indicates that boom sections are extended out 92%; 3 indicates that boom sections are extended out 100%.

Total Rated Lifting Load

Total rated lifting load for jib

Jib 28m, fully-extend outrigger 8.7m, counter weight 65t, 360°operation

Angle (°)	Boom Length 46.1m			Boom Length 50.7m			Boom Length 55.3m			Boom Length 60.0m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
	Lifting load (t)											
82.0	5.6	3.8	3.2	5.4	3.8	3.0	5.4	3.8	3.0	5.1	3.8	3.0
80.0	5.1	3.8	3.2	5.0	3.6	3.0	5.0	3.6	2.9	4.9	3.6	2.9
78.0	4.9	3.6	3.2	4.7	3.6	2.9	4.7	3.3	2.9	4.5	3.3	2.9
76.0	4.5	3.3	3.0	4.5	3.3	2.9	4.5	3.3	2.9	4.3	3.3	2.9
74.0	4.2	3.3	3.0	4.2	3.2	2.7	4.1	3.2	2.7	4.2	3.2	2.7
72.0	4.1	3.2	3.0	4.1	3.2	2.7	4.0	3.2	2.7	4.0	3.0	2.7
70.0	4.0	3.0	2.9	4.0	3.0	2.7	3.8	3.0	2.7	3.6	3.0	2.7
68.0	3.8	3.0	2.9	3.8	3.0	2.7	3.6	3.0	2.7	3.6	3.0	2.7
66.0	3.6	3.0	2.9	3.6	2.9	2.7	3.6	2.9	2.4	3.3	2.9	2.4
64.0	3.6	2.9	2.9	3.3	2.9	2.4	3.3	2.9	2.4	3.2	2.9	2.4
62.0	3.3	2.9	2.7	3.3	2.9	2.4	3.2	2.9	2.4	3.2	2.7	2.4
60.0	3.2	2.9	2.7	3.2	2.7	2.4	3.2	2.7	2.4	3.0	2.7	2.4
58.0	3.2	2.7	2.7	3.2	2.7	2.4	3.0	2.7	2.4	3.0	2.7	2.4
56.0	3.0	2.7	2.7	3.0	2.7	2.4	3.0	2.7	2.4	2.9	2.7	2.4
54.0	3.0	2.7	2.7	3.0	2.7	2.4	2.9	2.7	2.4	2.9	2.4	2.4
52.0	2.9	2.7	2.7	2.9	2.4	2.4	2.9	2.4	2.3	2.9	2.4	2.3
50.0	2.9	2.4	2.3	2.9	2.4	2.3	2.9	2.4	2.3	2.7	2.4	2.3
48.0	2.9	2.4	2.3	2.9	2.4	2.3	2.7	2.4	2.3	2.7	2.4	2.3
46.0	2.7	2.4	2.3	2.7	2.4	2.3	2.7	2.4	2.3	2.7	2.4	2.3
44.0	2.7	2.4	2.3	2.7	2.4	2.3	2.7	2.4	2.3	2.7	2.4	2.3
42.0	2.7	2.4	2.3	2.7	2.4	2.3	2.7	2.4	2.3	2.7	2.4	2.3
40.0	2.7	2.4	2.3	2.7	2.4	2.3	2.4	2.2	2.3	2.4	2.2	2.3
38.0	2.2	2.2	2.3	2.4	2.2	2.3	2.4	2.2	2.0	2.4	2.2	1.8
36.0	2.2	2.2	1.8	2.4	2.2	1.4	2.4	2.2	1.4	2.4	2.1	1.2
34.0	2.2	2.2	1.0	2.2	2.2		2.2	2.1		2.2	2.1	
32.0	2.2	2.2		2.2	2.1		2.2	2.1		2.2	2.1	
30.0	2.2	2.2		2.2	2.1		2.2	2.1		2.2	2.1	
28.0	2.2	2.2		2.2	2.1		2.2	2.1		2.2	2.1	
26.0	2.2	2.2		2.2	2.1		2.2	2.0		2.1	2.0	
24.0	2.2	2.2		2.2	2.1		2.1	1.8		2.0	1.8	
22.0	2.2	1.8		2.1	1.6		2.1	1.4		1.8	1.3	
20.0	2.1	1.3		2.1	0.9		2.1	0.9		1.8		
18.0	2.1			2.1			2.1			1.7		
16.0	2.1			2.1			2.1			1.7		
Combination	22210	22111	02221	22220	22211	12221	22221	22212		22222		

●Total rated loads shown in the tables mean that the max.load capacity crane can be ensured when crane is set on flat and firm ground.

●Each total rated load in the tables inclues weight of the hook and slings.

●In the Boom Length columns, 0 indicates that boom sections are not extended out; 1 indicates that boom sections are extended out 46%; 2 indicates that boom sections are extended out 92%; 3 indicates that boom sections are extended out 100%.

QAY220 Total rated lifting load for jib

Jib 20m, fully-extend outrigger 8.7m, counter weight 65t, 360°operation

Angle (°)	Boom Length 46.1m			Boom Length 50.7m			Boom Length 55.3m			Boom Length 60.0m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
	Lifting load (t)											
82.0	6.7	4.4	3.6	6.7	4.3	3.1	6.7	4.3	3.1	6.7	4.0	3.1
80.0	6.6	4.2	3.4	6.5	4.0	3.1	6.5	3.8	3.1	6.5	3.8	3.1
78.0	6.5	3.8	3.2	6.4	3.8	3.1	6.4	3.7	3.1	6.2	3.7	3.1
76.0	6.0	3.6	3.0	6.0	3.7	3.1	6.0	3.7	2.8	5.7	3.6	2.8
74.0	6.0	3.5	2.9	5.5	3.6	2.8	5.5	3.6	2.8	5.5	3.6	2.8
72.0	5.4	3.4	2.8	5.4	3.4	2.8	5.2	3.4	2.8	5.2	3.4	2.8
70.0	5.4	3.2	2.6	5.0	3.1	2.7	5.0	3.1	2.7	5.0	3.1	2.7
68.0	5.4	3.1	2.7	4.7	3.1	2.7	4.7	3.1	2.7	4.7	3.1	2.7
66.0	5.4	3.1	2.7	4.5	3.1	2.7	4.5	3.1	2.7	4.5	3.1	2.7
64.0	5.1	3.1	2.7	4.4	3.1	2.7	4.4	3.1	2.7	4.4	3.1	2.6
62.0	5.0	2.9	2.6	4.2	2.8	2.6	4.2	2.8	2.6	4.2	2.8	2.6
60.0	4.9	2.6	2.4	4.2	2.8	2.6	4.0	2.8	2.6	3.7	2.8	2.6
58.0	4.7	2.6	2.4	4.0	2.8	2.6	4.0	2.8	2.6	3.7	2.7	2.6
56.0	4.7	2.6	2.4	3.7	2.7	2.6	3.7	2.7	2.6	3.7	2.7	2.6
54.0	4.5	2.6	2.4	3.7	2.7	2.6	3.6	2.7	2.6	3.6	2.7	2.6
52.0	4.2	2.6	2.4	3.6	2.7	2.6	3.6	2.7	2.6	3.6	2.7	2.6
50.0	4.2	2.6	2.4	3.6	2.7	2.6	3.6	2.6	2.3	3.3	2.6	2.3
48.0	4.1	2.4	2.4	3.3	2.6	2.3	3.3	2.6	2.3	3.3	2.6	2.3
46.0	4.1	2.4	2.2	3.3	2.6	2.3	3.3	2.6	2.3	3.3	2.6	2.3
44.0	4.0	2.4	2.2	3.3	2.6	2.3	3.2	2.6	2.3	3.2	2.6	2.3
42.0	4.0	2.4	2.2	3.2	2.6	2.3	3.2	2.6	2.3	3.2	2.6	2.3
40.0	4.0	2.4	2.2	3.2	2.6	2.3	3.2	2.6	2.3	3.2	2.6	2.3
38.0	3.8	2.4	2.2	3.2	2.6	2.3	3.2	2.6	2.3	3.0	2.3	2.2
36.0	3.8	2.4	2.2	3.0	2.6	2.0	3.0	2.3	1.7	3.0	2.3	1.7
34.0	3.8	2.2	1.4	3.0	2.3	1.1	3.0	2.3	1.1	3.0	2.3	0.9
32.0	3.8	2.2		3.0	2.3		2.4	2.3		3.0	2.3	
30.0	3.6	2.2		3.0	2.3		2.4	2.3		3.0	2.3	
28.0	2.7	2.2		2.6	2.3		2.4	2.3		3.0	2.3	
26.0	2.7	2.2		2.6	2.3		2.4	2.3		2.0	2.3	
24.0	2.7	2.2		2.3	2.3		2.2	2.3		2.0	2.3	
22.0	2.4	2.2		2.3	2.2		2.2	2.0		2.0	1.9	
20.0	2.4	1.8		2.3	1.5		2.2	1.4		2.0	1.1	
18.0	2.4	0.9		2.3			2.2			2.0		
16.0	2.4			2.3			2.2			2.0		
Combination	22210	22111	02221	22220	22211	12221	22221	22212		22222		

●Total rated loads shown in the tables mean that the max.load capacity crane can be ensured when crane is set on flat and firm ground.

●Each total rated load in the tables inclues weight of the hook and slings.

●In the Boom Length columns, 0 indicates that boom sections are not extended out; 1 indicates that boom sections are extended out 46%; 2 indicates that boom sections are extended out 92%; 3 indicates that boom sections are extended out 100%.

QAY220
All Terrain Crane

Total Rated Lifting Load

QAY220 Total rated lifting load for jib

Jib 11.55m, fully-extend outrigger 8.7m, counter weight 65t, 360°operation

Angle (°)	Boom Length 46.1m			Boom Length 50.7m			Boom Length 55.3m			Boom Length 60.0m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°	0°	15°	30°
	Lifting load (t)											
82.0	12.0	8.6	7.1	12.0	8.2	7.0	12.0	8.2	6.7	12.0	8.1	6.7
80.0	12.0	8.5	7.1	12.0	8.1	6.7	12.0	8.1	6.4	12.0	8.1	6.4
78.0	12.0	8.2	7.0	11.8	8.1	6.4	11.8	8.1	6.2	11.8	7.9	6.2
76.0	11.4	8.1	6.8	10.8	7.9	6.2	10.8	7.9	6.2	11.1	7.6	6.2
74.0	10.8	7.9	6.2	10.4	7.7	6.1	10.4	7.7	5.9	10.4	7.3	5.9
72.0	10.0	7.7	6.1	10.0	7.3	5.7	10.0	7.3	5.7	10.0	7.2	5.7
70.0	9.5	7.6	5.7	9.5	7.2	5.7	9.5	7.2	5.4	9.5	6.8	5.4
68.0	9.4	7.3	5.7	9.4	6.8	5.4	9.4	6.8	5.4	9.4	6.3	5.4
66.0	9.0	7.2	5.4	9.0	6.5	5.4	9.0	6.5	5.2	9.0	6.0	5.2
64.0	8.2	6.9	5.4	8.2	6.3	5.2	8.1	6.3	5.2	8.1	5.9	5.2
62.0	8.1	6.7	5.4	8.1	6.0	5.2	7.9	6.0	5.1	7.7	5.8	5.1
60.0	7.9	6.7	5.2	7.7	5.9	4.9	7.6	5.9	4.9	7.3	5.6	4.9
58.0	7.9	6.0	5.2	7.6	5.6	4.9	7.3	5.6	4.9	6.9	5.4	4.9
56.0	7.7	5.9	5.2	7.3	5.4	4.9	7.2	5.4	4.8	6.7	5.1	4.8
54.0	7.3	5.8	5.2	7.2	5.1	4.9	6.9	5.1	4.8	6.7	5.0	4.8
52.0	7.2	5.6	5.1	6.8	5.0	4.8	6.8	5.0	4.7	6.7	4.9	4.7
50.0	6.9	5.6	4.9	6.7	4.9	4.8	6.7	4.9	4.5	6.5	4.7	4.5
48.0	6.8	5.4	4.8	6.5	4.7	4.5	6.5	4.7	4.5	6.5	4.5	4.5
46.0	6.7	5.0	4.8	6.5	4.5	4.3	6.3	4.5	4.3	6.3	4.2	4.3
44.0	6.5	4.7	4.5	6.3	4.2	4.3	6.3	4.2	4.3	6.0	4.2	4.3
42.0	6.5	4.7	4.5	6.3	4.2	4.3	6.0	4.2	4.2	6.0	4.1	4.2
40.0	6.3	4.5	4.2	6.0	4.1	4.2	6.0	4.1	4.0	5.8	4.1	4.0
38.0	6.0	4.2	3.8	5.9	4.1	3.4	5.9	4.1	3.4	5.4	4.0	3.4
36.0	6.0	4.2	3.4	5.9	4.0	3.4	5.9	4.0	2.5	5.1	4.0	2.5
34.0	5.9	4.2	1.5	5.9	4.0	2.2	5.8	4.0	1.7	4.9	4.0	1.7
32.0	5.9	4.2	1.0	5.8	4.0		5.4	4.0		4.5	4.0	
30.0	5.9	4.1		5.8	4.0		5.1	4.0		4.2	3.8	
28.0	5.8	4.1		5.8	4.0		5.0	4.0		4.1	3.8	
26.0	5.8	4.1		5.8	4.0		4.7	4.0		4.0	3.8	
24.0	5.8	4.1		5.6	3.6		4.5	3.6		3.8	3.3	
22.0	5.6	4.1		5.6	2.9		4.5	2.9		3.6	2.7	
20.0	5.6	4.1		5.4	2.3		4.2	2.0		3.4	1.8	
18.0	5.6			5.3	2.0		4.2	1.0		3.3	1.0	
16.0	5.4			5.1			4.1			3.3		
Combination	22210	22111	02221	22220	22211	12221	22221	22212		22222		

- Total rated loads shown in the tables mean that the max.load capacity crane can be ensured when crane is set on flat and firm ground.
- Each total rated load in the tables inclues weight of the hook and slings.
- In the Boom Length columns, 0 indicates that boom sections are not extended out; 1 indicates that boom sections are extended out 46%; 2 indicates that boom sections are extended out 92%; 3 indicates that boom sections are extended out 100%.

CASE