Parameters of Tower Cranes

TYPE OF TOWER CRANE		QTZ31.5 SERIES		QTZ40 SERIES				QTZ63	QTZ80 SERIES			QTZ125	QTZ300
		QTZ31.5A (4207)	QTZ31.5B (3807)	QTZ40A (4708)	QTZ40A (4807)	QTZ40B (4209)	QTZ40C Moving	QTZ63 (5013)	QTZ80A (5015)	QTZ80B (5511)	QTZ80C (5513)	QTZ125 (6015)	QTZ300 (7020)
METRIC LIFTING MOMENT (Kn.m)		315		400				630	800			1250	3000
WORKING RADIUS (mtr.)		41.8	38.5	46.8	48	42	42	50	50	55	55	60	70
HOISTING CAPACITY (T)		0.64-3	0.7-3	0.79-4	0.7-4	0.9-4	0.9-4	1.3-6	1.5-6	1.1-6	1.3-6	1.5-8	2-16
HOISTING HEIGHT	INDEPENDENT STATIONARY (mtr.)	27	27	28	28	28	28	39	39	39	45	50	51.2
	ATTACHED STATIONARY (mtr.)	90	81.9	120	120	120		120	120	120	160	163	230
HOISTING SPEED (m/min)	2 FALL	54/36/7	54/36/7	70/35/7.5	70/35/7.5	70/35/7.5	70/35/7.5	70/35/7.5	75/38/7	75/38/7	80/40	100/50	120/60
	4 FALL	27/18/3.5	27/18/3.5	35/17.5/3.75	35/17.5/3.75	35/17.5/3.75	35/17.5/3.75	35/17.5/3.75	37.5/18.5/3.5	37.5/18.5/3.5	40/20	50/25	60/30
SLEWING SPEED (r/min)		0.72/0.48	0.72/0.48	0.75/0.375	0.75/0.375	0.75/0.375	0.75/0.375	0.6	0.6	0.6	0.6	0.6	0.7
TROLLEY TRAVEL SPEED (m/min)		30/15	30/15	38/19	38/19	38/19	38/19	38/19	38/19	38/19	42.8/21.4	60/30/5.5	60/30/7.5
SECTION OF LOWER MAST (mm)		1300x1300	1300x1300	1400x1400	1400x1400	1400x1400	1500x1500	1600x1600	1600x1600	1600x1600	1750x1750	2000x2000	2100x2100
		1500x1500	1400x1400	1500x1500	1500x1500	1500x1500							
MATERIAL OF MAIN TOWER MAST SECTION		Ø108x8	Ø108x8	Ø114x12	Ø114x12	Ø114x12	∠140x140x12	∠160x160x16 or □140x140x10	∠160x160x16 (16Mn)	∠160x160x16 (16Mn)	□135x135x12	□135x135x12	□135x135x12
		∠140x140x10	∠125x125x10	∠140x140x12	∠140x140x12	∠140x140x12							
JIB	UPPER BRANCH	SEAMLESS STEEL TUBE	SEAMLESS STEEL TUBE	SEAMLESS STEEL TUBE	SEAMLESS STEEL TUBE	SEAMLESS STEEL TUBE	SEAMLESS STEEL TUBE	SEAMLESS STEEL TUBE	SEAMLESS STEEL TUBE	SEAMLESS STEEL TUBE	SEAMLESS STEEL TUBE	ROUND STEEL	ROUND STEEL
	LOWER BRANCH	GROOVE STEEL	SQUARE TUBE	GROOVE STEEL	GROOVE STEEL	GROOVE STEEL	GROOVE TUBE	GROOVE TUBE	GROOVE TUBE	GROOVE TUBE	GROOVE TUBE	GROOVE TUBE	GROOVE TUBE