

# TOWER CRANE QTD160-12





# Hunan Kamuja Machinery & Equipment Co, Ltd





# **FACTORY INTRODUCTION**





The manufacture is founded in 1958, is an industry-leading enterprise integrating the R&D, manufacturing, installation, transformation and maintenance of construction hoisting machinery, and also one of the first four manufacturers in China to obtain the manufacture license o construction machinery. Two production bases in south of China, covering an area of 360,000 square meters and equipped with more than 1,200 sets of advanced processing equipment, with an annual output of over RMB 3 billion.

# **TYPES**



#### **Outer cage type tower crane:**

The standard sections of the tower body can be installed and removed as a whole, making such a tower crane easy to connection and reliable in operation, quick in lifting up and down.



#### **Internal climbing type tower crane:**

The tower crane is installed inside a building and climbs upward with the help of the building structure without any independent foundation, additional attachment devices or standard sections. Such a tower crane features a low cost, a wider construction coverage area and higher work efficiency Furthermore, can be transformed into an attached tower crane at a low cost.



# **CUSTOMER REFERENCE**

















#### HUNAN KAMUJA MACHINERY & EQUIPMENT CO.,LTD.

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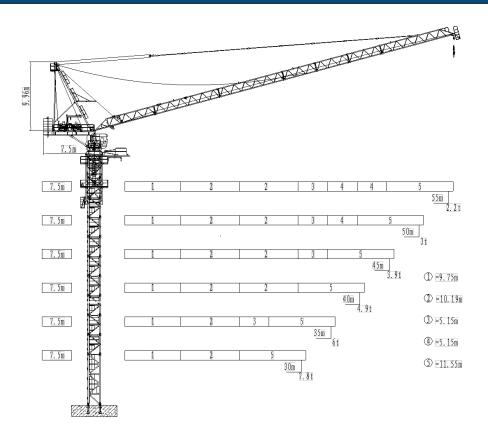




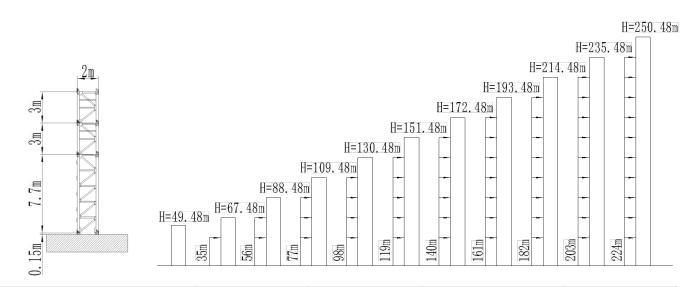


# QTDI60–I2 Luffing Tower Cranes

## Drawing of Tower Crane Structure



#### **TOWER**



Sectional dimensions of tower section(m×m×m)	Reinforced section	Standard section	FSH(m)	Max.Height	
1.6*1.6*3.0(Outer cage)	0	12	49.48	250.48	

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# Load Diagrams

WWW F	t (m)	Load (t)	R (m)	18. 0	20. 0	23. 0	25. 0	28. 0	30. 0	35. 0	40. 0	45. 0	50. 0	55. 0
55. 0	6. 00	5. 3-34. 0	6. 00 5.				5. 70	4. 50	3. 50	2. 80	2. 20			
55. 0	121	-	-	-	-	-	-	-	-	-	-	-	-	-
IN F	t (m)	Load (t)	R (m)	18. 0	20. 0	23. 0	25. 0	28. 0	30. 0	35. 0	40. 0	45. 0	50. 0	
bd	6. 00	4. 9-34. 0		6. 00				5. 70	4. 50	3. 70	3. 00			
50. 0	121	12. 00	4. 9-21. 0	12.	00	10. 50	9. 40	7. 90	7. 10	5. 50	4. 30	3. 50	2. 80	
VAVA-	(m)	Load (t)	R (m)	18. 0	20. 0	23. 0	25. 0	28. 0	30. 0	35. 0	40. 0	45. 0		•
45. 0	bd	6. 00	4. 4-35. 0	6.00						4. 80	3. 90			
45. 0	G	12. 00	4. 4–22. 0	12.	00	10. 90	9. 70	8. 20	7. 40	5. 80	4. 60	3. 70		
MANA F	(m)	Load (t)	R (m)	18. 0	20. 0	23. 0	25. 0	28. 0	30. 0	35. 0	40. 0			
40. 0	bd	6. 00	4. 0-35. 0	6.00										
40. 0	129	12. 00	4. 0-22. 0	12.	00	10. 90	9. 80	8. 30	7. 50	5. 80	4. 70			
IN F	t (m)	Load(t)	R (m)	18. 0	20. 0	23. 0	25. 0	28. 0	30. 0	35. 0		•		
05.0	bd	6. 00	3. 5-35. 0	6.00										
35. 0	121	12. 00	3. 5-22. 0	12.	00	11.00	9. 90 8. 40 7. 60			6. 00				
MAN F	(m)	Load (t)	R (m)	18. 0	20. 0	23. 0	25. 0	28. 0	30. 0					
30.0	bd	6. 00	3. 1–30. 0	6.00										
	121	12. 00	3. 1–22. 0	12.	00	11. 20	10. 00	8. 60	7. 80					

## Main Technical Parameters

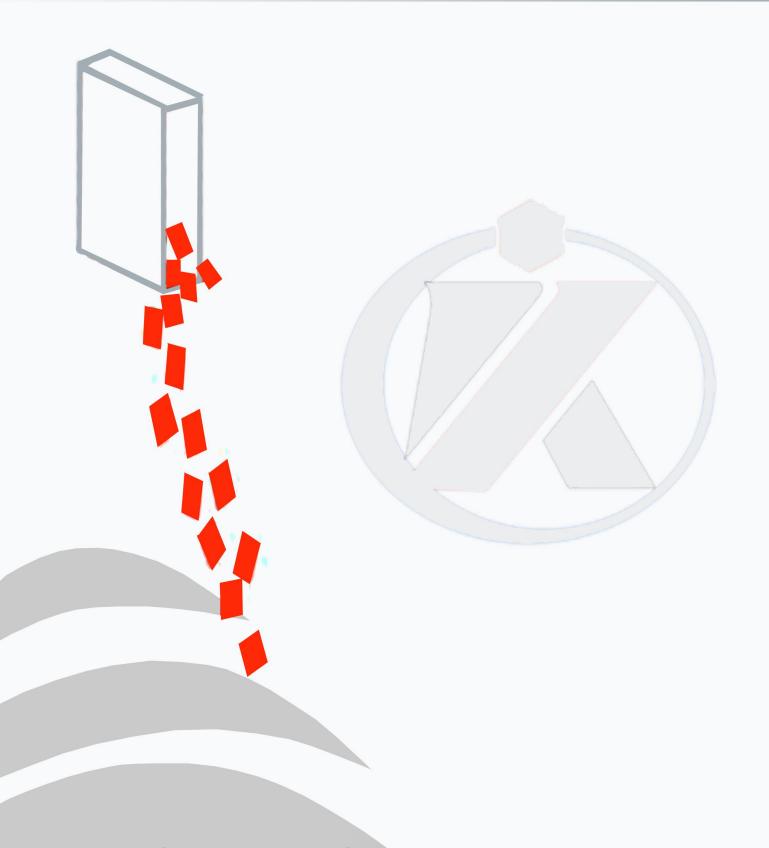
Hoisting	Rated hoisting mor	1600kN.m				
performance	Maximum hoisting ca	12 t				
Mechanism	2Falls	41	Motor			
performance	t	m/min	t	m/min	Wiotoi	
Lifting	6	0~46	12	0~23	55Kw	
	3	0~92	6	0~46	33KW	
Trolleying	15°∼85° 2.8min					
Slewing		2*5.5Kw				

**X** The technical information may vary by the update policy, the changes will be without prior notice.

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