

Franna AT-20

01

LMI Duty

Lifting on WINCH

Mass of slings & hook block to be added to load
 Read and understand warning notes before operating crane
 Loads above bold red line are structural

RC (KG) LESS THAN 10 DEG ARTICULATION
 RC (KG) GREATER THAN 10 DEG ARTICULATION
 BOOM ANGLE OR (RADIUS AT 0 DEG BOOM ANGLE)

RC (KG) LESS THAN 10 DEG ARTICULATION

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BOOM ANGLE OR (RADIUS AT 0 DEG BOOM ANGLE)

03

LMI Duty

Lifting on WINCH

MANUAL EXTENDED

RADIUS	BOOM LENGTH (m)																	MANUAL EXT'D MAX LENGTH 17.90	
	5.67	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50		13.85
1.6	16800	16250	15450	14900															
	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600
2.0	16800	16800	16500	15700	15100	14700	14350												
	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600	12600
2.5	13900	13900	13900	13850	13850	13850	13850	13200	13000										
	12150	12150	12100	12100	12100	12100	12100	12050	12050	12050	12050	12050	12050	12050	12050	12050	12050	12050	12050
3.0	11450	11450	11450	11400	11400	11400	11400	11400	11400	11150	10250								
	9950	9950	9950	9950	9950	9950	9950	9900	9900	9900	9900	9900	9900	9900	9900	9900	9900	9900	9900
3.5	9650	9650	9650	9650	9650	9650	9650	9650	9650	9650	9650	8150	7500						
	8400	8400	8400	8400	8400	8400	8400	8400	8400	8350	8350	8150	7500						
4.0	8200	8200	8200	8200	8200	8200	8200	8200	8200	8200	8200	8200	8200	8200	8200	8200	8200	8200	8200
	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500
4.5	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500
	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750	5750
5.0	6650	6650	6650	6650	6650	6650	6650	6650	6650	6650	6650	6650	6650	6650	6650	6650	6650	6650	6650
	5950	5950	5950	5950	5950	5950	5950	5950	5950	5950	5950	5950	5950	5950	5950	5950	5950	5950	5950
6.0	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100
	4450	4450	4450	4450	4450	4450	4450	4450	4450	4450	4450	4450	4450	4450	4450	4450	4450	4450	4450
7.0	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200
	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800
8.0	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200	3200
9.0	2950	2950	2950	2950	2950	2950	2950	2950	2950	2950	2950	2950	2950	2950	2950	2950	2950	2950	2950
	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700
10.0	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800
	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
11.0	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550
	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
11.75	2350	2350	2350	2350	2350	2350	2350	2350	2350	2350	2350	2350	2350	2350	2350	2350	2350	2350	2350
	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950

NOTE :
 17.9m Boom length includes Manual 3rd extension.
 Ratings for Manual extension are structural & based on Boom Angle, not radius. The ratings do not change if the power sections are retracted with the manual extended.