



FRANNA
A TEREX BRAND

VIEW VIDEO

(Available with
outriggers in India)

FR 17

**PICK AND CARRY
CRANE**



MAXIMUM RATED CAPACITY

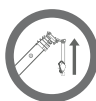
17 t



MAXIMUM BOOM LENGTH

18.23 m
(manual extension)

20.83 m
(with fly jib)



MAXIMUM TIP HEIGHT

20.4 m
(with fly jib)



**Enhanced
Safety Features**



**Clutch Free
Operation**



OVERVIEW

The FR 17 is a very compact pick and carry mobile crane from Franna product range specially designed for Indian market for higher lifting capacity applications (17 Tonne). This 4WD crane has a powerful BSIV emission compliance engine, synchro shuttle transmission and heavy-duty axles that makes it versatile for all types of crane application.

This machine has a large torque converter, there is no clutch pedal which reduces driver fatigue while working for long crane hours. This crane combines safety and comfort with smooth steering flexibility, providing the operator with the ability to lift and manoeuvre in tight spaces. The heavy-duty U section fabricated boom with welding on the neutral axis offers superior durability and a competitive edge while lifting heavy loads.



Telematics



5T Winch



3 Fall Hook



4x4



10 Bolt Carraro
Axle



Torque
Convertor



5 Hook
Positionings



U-Section
Boom



Available with
Outriggers



Double Cabin

TECHNICAL DESCRIPTION

01. Boom	
Maximum boom length (manual extn.)	18.23 m
Maximum boom length (fly jib)	20.83 m
Maximum tip height (fly jib)	20.4 m
Boom elevation angle range	-5°/60°
Articulation	40° R / 40° L
Fixed lug	17 tonne
Machinery hook (rhino)	8 tonne

02. Winch	
Maximum line pull	3.5 tonne
Single speed winch (raising 4th layer)	48 m/min
3 Part Hook block	10.5 tonne max rated capacity, fully compensated hook height whilst telescoping the boom

03. Engine & Transmission	
Standard engine	Volvo Eicher E494
Engine power	74 kW@2400 rpm
Engine torque	400 Nm
Fuel Type	Diesel
Fuel Capacity	270 litre
Transmission	Carraro 4 Speed Synchro shuttle
Torque Converter	SACHS 2.38 ratio

04. Hydraulic System	
High Pressure Vane pump	46 cc/rev
Maximum pump flow rate	110 litre/min
Maximum working pressure	220 bar
Hydraulic Oil	175 litre

05. Axle Loadings (with attachments) & Turning Radius	
Front Axle	6600 kg
Rear Axle	10200 kg
Total	16800 kg
Turning Radius	6.77 m
Ground Clearance	325 mm

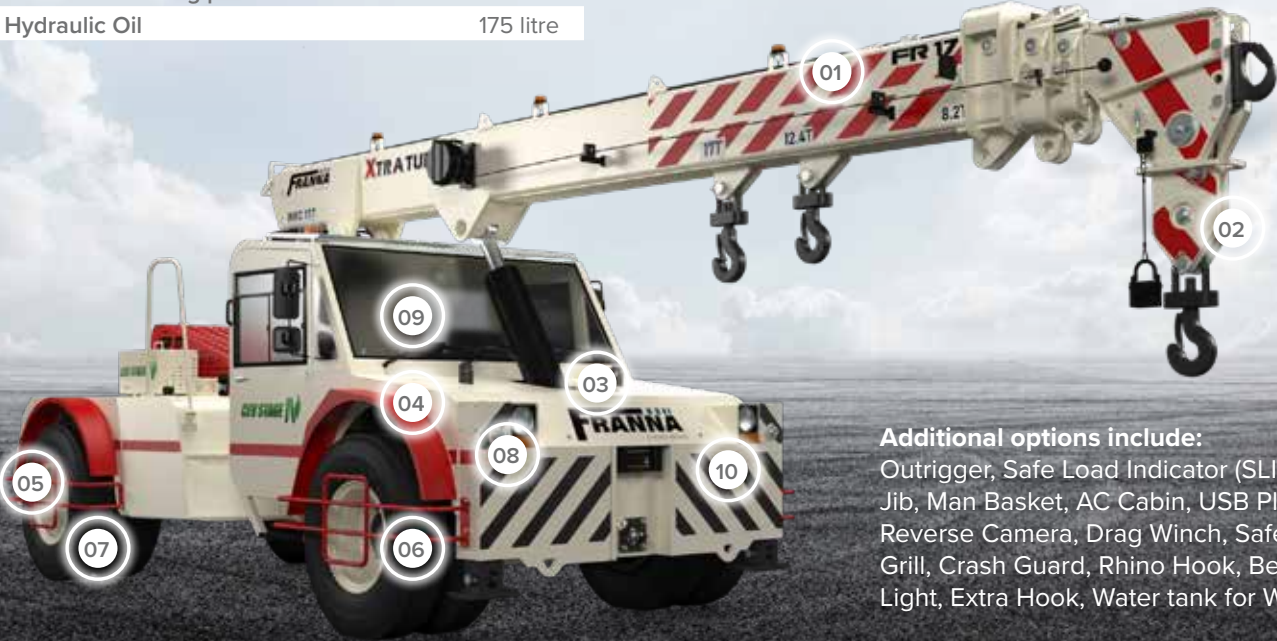
06. Brakes	
Brake System	Hydraulic Disc Brake

07. Tyres & Rims	
Front	11.00x20-16PR dual tires, 8x20 (10 stud) rims
Rear	11.00x20-16PR dual tires, 8x20 (10 stud) rims

08. Electricals	
System	12V DC

09. Steering	
Steering	Full power orbitrol with twin cushioned double acting rams with 40 deg articulation either side

10. Vehicle Performance & Drive	
Max Speed	42 km/h
Gradeability	33% (laden), 50% (unladen)
Drive	4x4



Additional options include:
Outrigger, Safe Load Indicator (SLI), Fly Jib, Man Basket, AC Cabin, USB Player, Reverse Camera, Drag Winch, Safety Grill, Crash Guard, Rhino Hook, Beacon Light, Extra Hook, Water tank for Wiper

LOAD CHART

FR-17 WORKING

RATED CAPACITY CHART - LIFTING ON WINCH FALL BLOCK																		
RADIUS	BOOM LENGTH (m)																	
	5.98	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	14.00	14.18
1.5	10500	10500																
	10500	10500																
	56	59																
2.0	9500	9700	10500	10500	10500													
	9500	9700	10500	10500	10500													
	49	53	56	59	60													
2.5	9300	9400	9600	10500	10500	10500	10200											
	9300	9400	9600	10500	10500	10500	10200											
	43	48	51	54	57	59	60											
3.0	9300	9300	9400	9500	10200	9900	9400	8900	8700									
	9200	9200	9200	9100	9100	9100	9000	8900	8700									
	35	41	46	49	52	55	57	59	60									
3.5	8700	8700	8700	8600	8600	8600	8600	8300	8100	7600	6700							
	7700	7700	7700	7700	7700	7700	7600	7600	7600	7600	6700							
	26	34	40	44	48	51	53	55	57	59	60							
4.0	7400	7500	7500	7500	7400	7400	7400	7400	7400	7100	6200	5600	5300					
	6600	6600	6600	6600	6600	6600	6600	6600	6600	6500	6200	5600	5300					
	10	25	33	38	43	46	49	52	54	56	58	59	60					
4.5	7200	6500	6500	6500	6500	6500	6500	6500	6500	6400	5800	5200	5000	4800	4600			
	6400	5800	5800	5800	5800	5800	5800	5800	5700	5700	5700	5200	5000	4800	4600			
	(4.09)	10	24	32	37	41	45	48	50	53	54	56	58	59	60			
5.0		6300	5800	5800	5800	5800	5800	5800	5700	5700	5400	4900	4700	4500	4300	4100	4000	4000
		5600	5100	5100	5100	5100	5100	5100	5100	5100	5100	4900	4700	4500	4300	4100	4000	4000
		(4.60)	10	23	31	36	40	44	46	49	51	53	55	57	58	59	60	60
6.0			5600	5000	4700	4700	4700	4700	4600	4600	4300	4100	4000	3800	3700	3500	3500	
			5000	4500	4100	4100	4100	4100	4100	4100	4100	4100	4000	3800	3700	3500	3500	
			(5.10)	(5.60)	9	22	29	34	38	41	44	47	49	51	53	54	56	56
7.0					4600	4200	3900	3900	3900	3900	3900	3900	3700	3500	3300	3200	3100	3000
					4000	3700	3400	3400	3400	3400	3400	3400	3400	3400	3300	3200	3100	3000
					(6.10)	(6.60)	9	21	27	32	36	39	42	45	47	49	51	51
8.0						3800	3500	3300	3300	3300	3300	3300	3100	3000	2900	2800	2700	
						3300	3100	2900	2900	2900	2900	2900	2900	2800	2800	2800	2700	
						(7.10)	(7.60)	8	20	26	31	34	38	40	43	45	46	
9.0							3200	3000	2800	2800	2800	2800	2800	2700	2600	2500	2500	
							2800	2600	2500	2500	2500	2500	2400	2400	2400	2400	2400	
							(8.10)	(8.60)	8	19	25	29	33	36	39	40		
10.0								2800	2600	2400	2400	2400	2400	2400	2300	2300		
								2400	2200	2100	2100	2100	2100	2100	2100	2100		
								(9.10)	(9.60)	8	18	24	28	32	33			
11.0									2400	2300	2100	2100	2100	2100	2100			
									2100	2000	1900	1800	1800	1800	1800			
									(10.10)	(10.60)	7	17	23	25				
12.3														1800	1700	1600	1550	
														1550	1450	1350	1350	
														(11.10)	(11.60)	(12.10)	(12.28)	

KEY:

SWL (KG) LESS THAN 10 DEG ARTICULATION

SWL (KG) GREATER THAN 10 DEG ARTICULATION

BOOM ANGLE OR (RADIUS AT 0 DEG BOOM ANGLE)

Note: Weight of slings & hook block to be added to load
Read and understand warning notes before operating crane



OUR LOCATIONS



South: Hosur Plant

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Terex Corporation reserves the right to change the specifications without prior notice.
All dimensions and weights are variable within $\pm 5\%$



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