



TECHNICAL DATASHEET



AT44 US

PICK AND CARRY CRANE



MAXIMUM CAPACITY
44 USt



MAXIMUM BOOM LENGTH
65ft



MAXIMUM HOOK HEIGHT
62ft

terex.com/franna

OVERVIEW

The AT44 US is the largest pick and carry crane in the Franna product range and has been specifically designed for higher capacity lifting applications. The 3-axle design distributes the weight of the crane across it's axles evenly. The control system can raise axle 3 to improve the maneuverability by reducing the turning circle.



KEY FEATURES AND BENEFITS:

- ▶ 44 USt at 3'7" radius on lug
- ▶ 34.5 USt at 7' radius on 8 part hook block
- ▶ 22 USt on machinery (Rhino) hook
- ▶ 62 ft maximum hook height
- ▶ Single line pull 8600 lb
- ▶ Dynamic LMI (patent protected)*
- ▶ Safety Radar (patent pending)
- ▶ Designed to B30.5
- ▶ Full width isolated cabin ensures excellent visibility
- ▶ Traction Control
- ▶ High strength boom with easy maintenance
- ▶ Hydro-pneumatic suspension enhances roadability

*Refer to www.terex.com/en/company/intellectual-property/franna-patents for current patent details

TECHNICAL DESCRIPTION

01. Boom

Maximum boom length	65ft
Maximum hook height	62ft
Boom elevation angle range	-5°/60°
Articulation	35° R / 35° L
Fixed lug	44 USt
Machinery hook (rhino)	22 USt

02. Winch

Maximum line pull	8600 lb
Two speed winch	124 ft/min / 249 ft/min
7 Part Hook block	30.2 USt
Optional 8 Part Hook block	34.5 USt

03. Engine & Transmission

Standard engine	Mercedes OM936
Engine power	308 hp
Engine torque	960 ft-lb
Fuel Type	Diesel
Fuel tank capacity	110 gal
Transmission	Allison 6 speed
Transfer case	ZF 2:1 Ratio
DEF tank capacity	8 gal
Emissions compliance	Tier 4f/Stage 5

04. Hydraulic System

Axial piston pump	8.2 in3/rev
Maximum pump flow rate	66 gal/min
Maximum working pressure	5000 psi
Hydraulic tank capacity	110 gal

05. Chassis

Front Axle (Tare / GVM)	24470 lb / 26455 lb
Axle 2 (Tare / GVM)	20285 lb / 22045 lb
Axle 3 (Tare / GVM)	20285 lb / 22045 lb
Axle Total (Tare / GVM)	65040 lb / 70545 lb
Transport weight	67000 lb
Turning circle (Highway)	33 ft
Turning circle (crane mode)	31 ft
Front Tires	385/95 x R25
Rear Tires	315/80 x R22.5

06. Brakes & Suspension

Brake System	Air operated disc brakes with ABS
Suspension	Hydro pneumatic suspension

07. Vehicle Performance

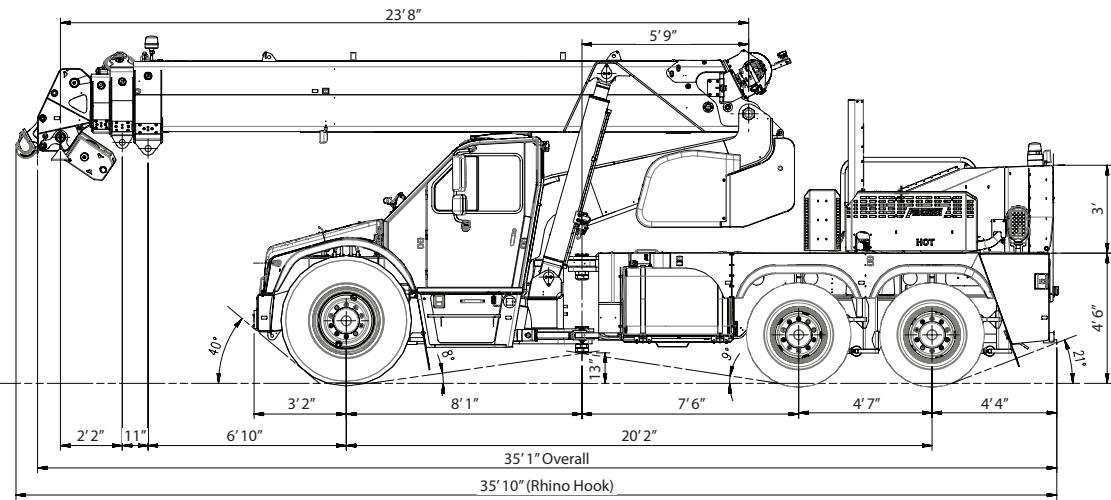
Maximum rated travel speed	50 mph
----------------------------	--------



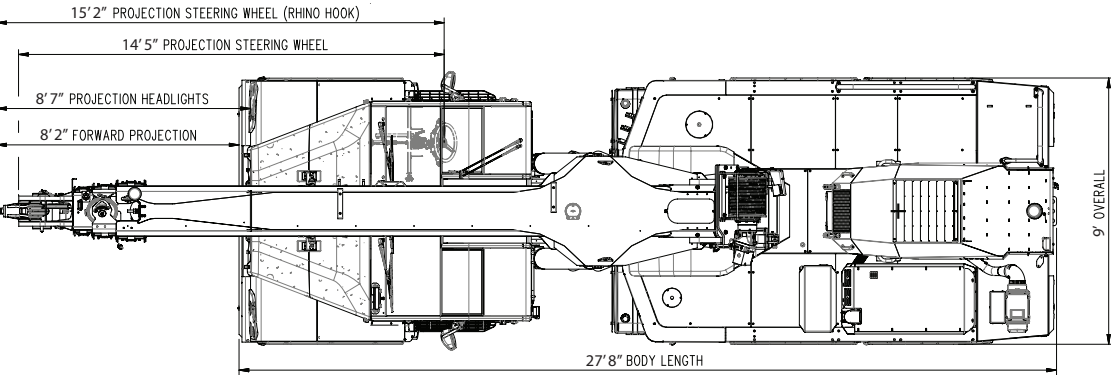
DIMENSIONS / AREA OF OPERATION

RADIUS LOAD CHART

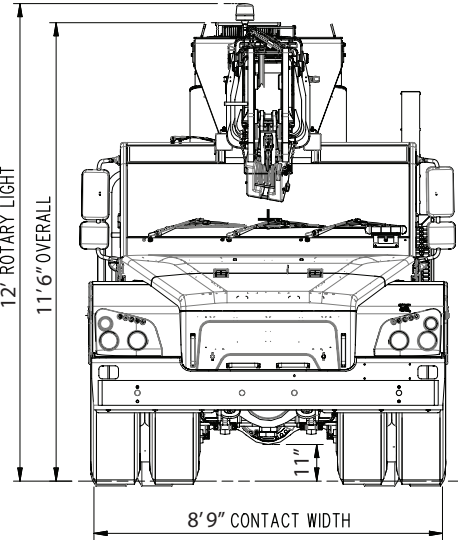
Side view



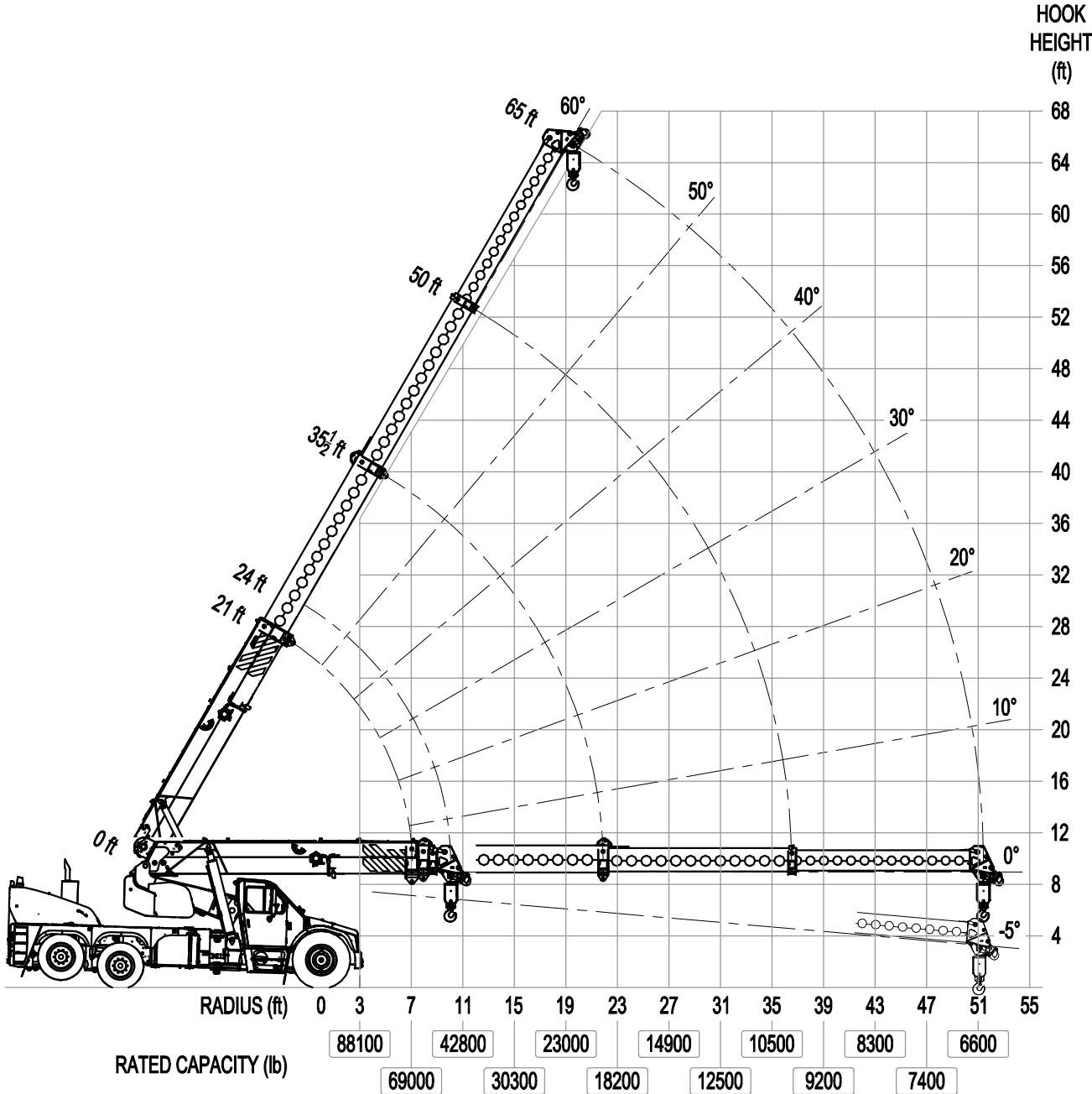
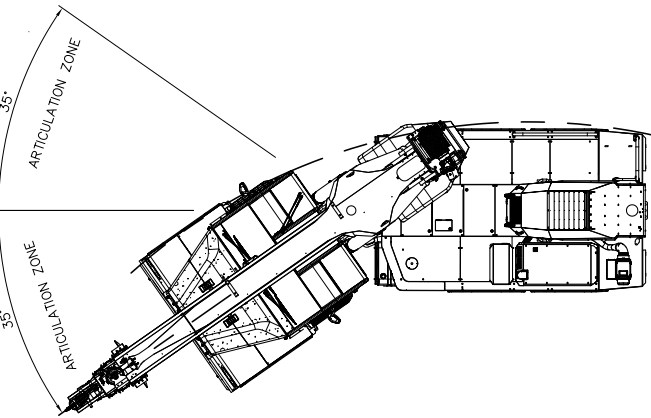
Aerial view



Front View



Area of operation



NOTE: Rated Capacity values shown are for the Pick and Carry Chart. The Static Chart will give higher rated capacities.

LOAD CHART

Duty:	101
	FB

 Duty:	101
	FB

Rad	BOOM LENGTH TO HEAD SHEAVES - 3rd BOOM RETRACTED																3rd BOOM EXTENDING			Rad
	23'8"	25'	27'	29'	31'	33'	35'	37'	39'	43'	47'	51'	55'	59'	63'	65'1"				
3'	69000	69000	69000	69000	69000												3'			
	69000	69000	60100	51800	45600															
	48	50	54	57	59															
7'	69000	69000	69000	69000	69000	69000	67900	66300	65000								7'			
	64800	57000	47300	40700	36100	32400	29500	27100	24900											
	32	37	42	47	50	53	56	58	60											
9'	53500	53500	53700	53700	54000	54000	54000	54000	54000	52400							9'			
	52000	52200	52200	52400	49100	42500	37400	33700	30400	25500										
	49100	49300	44000	37600	33000	29700	26800	24600	22900	19800										
	20	27	35	41	45	49	52	54	56	60										
11'	46700	42900	42900	43200	43200	43400	43400	43400	43400	43400	43600						11'			
	45400	41600	41800	42100	42100	41600	36500	32600	29500	24600	21100									
	42900	39400	39600	35700	31000	27500	25100	22900	21100	18200	16000									
	(10'2")	13	26	34	39	44	47	50	53	57	60									
13'		41000	35700	35700	35900	35900	35900	36100	36100	36100	36100	36100					13'			
		39900	34600	34800	34800	35000	35000	31900	28600	24000	20500	17800								
		37400	32600	32800	29700	26200	23500	21300	19800	16900	14900	13400								
		(11'5")	12	25	33	38	42	46	49	54	57	60								
15'			34100	30400	30400	30400	30600	30600	30600	30600	30800	30800	31000				15'			
			33200	29500	29500	29700	29700	29700	28200	23300	19800	17400	15600							
			31300	27700	27900	25300	22400	20200	18700	16000	14100	12500	11600							
			(13'5")	12	25	32	37	41	45	50	54	58	61							
19'				29300	25300	23100	23100	23100	23100	23300	23300	23300	23500	24000			19'			
				28400	24600	22200	22400	22400	22400	22700	19100	16500	14700	13600						
				26600	23100	20900	21100	19100	17100	14500	12500	11200	10300	9700						
				(15'5")	(17'5")	11	23	30	35	42	48	52	56	58						
23'						22200	19800	18200	18200	18500	18500	18500	18700	19100	19400	19400	23'			
						21600	19100	17800	17800	17800	17800	16000	14300	13000	11900	11400				
						20200	18000	16500	16700	13600	11400	10100	9200	8800	8300	8100				
						(19'5")	(21'5")	11	22	33	41	46	50	54	56	58				
27'								17800	16000	14900	15200	15200	15400	15600	15800	16000	27'			
								17100	15600	14500	14500	14700	13800	12500	11400	11000				
								16000	14500	13600	11000	9400	8500	7900	7400	7200				
								(23'5")	(25'5")	21	32	39	44	48	52	53				
										13400	12500	12500	12700	13200	13400	13400	31'			
										13000	12100	12100	12500	12300	11200	10800				
										12100	11200	9000	8100	7400	7000	6800				
										(29'5")	20	31	38	43	47	49				
											11200	10500	11000	11200	11400	11400	35'			
											10800	10300	10500	10800	11000	10500				
											10100	9200	7700	7000	6600	6300				
											(33'5")	20	30	36	42	44				
												9700	9200	9700	9900	9900	39'			
												9200	9000	9200	9400	9700				
												8500	7900	6800	6100	5900				
												(37'5")	19	29	35	38				
													8500	8300	8500	8500	43'			
														8100	7900	8100		8300		
														7400	7000	6100		5700		
															(41'5")	18	28	32		
															7700	7400	7400	47'		
															7200	7200	7200			
															6800	6300	5700			
															(45'5")	18	23			
																6800	6600	51'		
																6600	6300			
																6100	5900			
																(49'5")	9			
																	6600	51'5"		
																	5700			
																	0			



Australia (Head Office)

Terex Australia Pty Ltd
585 Curtin Avenue East (PO Box 1396)
Eagle Farm QLD 4009, Australia

Tel: +61 7 3868 9600

Fax: +61 7 3268 2489

United States

Terex USA, LLA
11001 Electron Drive,
Louisville, Kentucky, 40299 USA

Tel: +1 502 736 5200

Fax: +1 502 736 5202

Tel: **1800 837 395**
Email: **franna@terex.com**

The material in this document is for information only and is subject to change without notice.
Franna* assumes no liability resulting from errors or omissions in this document, or from the use of the information contained herein.
Due to continual product development we reserve the right to change specifications without notice. Product performance figures given in this brochure are for guidance purposes only, this information does not constitute an expressed or implied warranty or guarantee, but shows test examples. These results will vary depending on application. Photographs are for illustrative purposes only; some or all of the machines in the illustrations may be fitted with optional extras. Please check with your Dealer for details on optional extras.
Published and Printed in July 2025.



www.terex.com/franna