



3800 Series

3874 Capacity and Range Chart:

LOAD RATINGS IN LBS. WITH OUTRIGGERS EXTENDED									
LOADED BOOM ANGLE	29 FT	40 FT	51 FT	62 FT	74 FT				
5°	38000								
8°	27150	24800							
10°	22950	20950	20275						
12°	19900	18050	17400	15150					
14°	17550	15850	15250	13150	12500				
16°	15650	14150	13550	11650	11350				
20°	12650	11550	11050	9425	9125				
24°	9950	9700	9325	7825	7625				
27°	6225	5825	57425	6925	6725				
30°		5325	5325	6225	5925				
34°		6125	6425	5325	5225				
38°		3425	405525	4725	4525				
43°			4125	3925	3825				
49°			32125	3125	3225				
55°				242325	2625				
60°				41125	342125				
65°					351625				
70°					151025				
78°									
JIB CAPACITIES FOR ALL BOOM LENGTHS									
CAPACITY ALERT SYSTEM, IF SO EQUIPPED, IS NOT FUNCTIONAL WHEN LIFTING WITH JIB									
LOADED BOOM ANGLE	50°	55°	60°	65°	70°	75°	78°		
RETRACTED 26 FT JIB	625	825	1125	1625	2325	3125	4025		
EXTENDED 44 FT JIB	425	625	925	1225	1625	2325	2825		

STINGER 3874

NOTE: Please consult the Terex Cranes full-line brochure for a complete listing of standard features and optional equipment.

3874 Optional Mounting Configurations:

Behind Cab (TC)
Rear Mount (RM)
Pedestal Mount (PM)

(Some standard features for the optional mounting configurations will vary. Please consult your Terex Cranes dealer or factory for chassis and mounting requirements.)

TC 3874 Minimum Chassis Requirements:

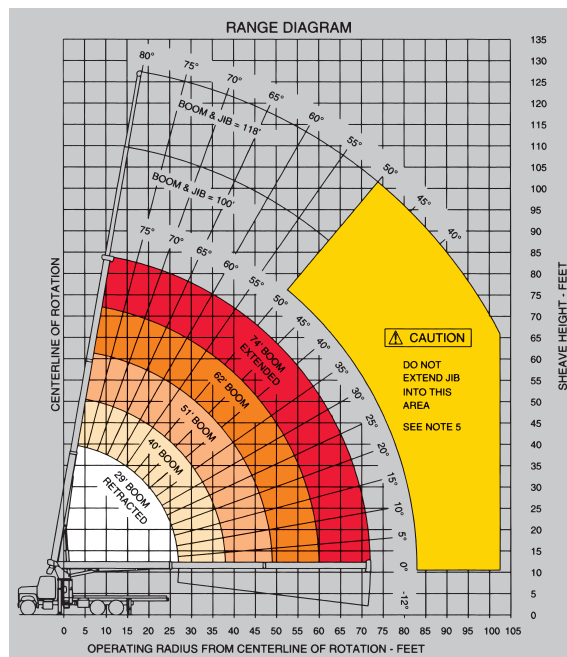
Chassis specifications are minimum for truck-crane mount. Not applicable to optional mounting configurations.

Gross Vehicle Weight Rating50,000 lbs. (22,680 kg)
Front Axle Weight Rating18,000 lbs. (8,165 kg)
Rear Axle Weight Rating34,000 lbs. (15,422 kg)
Wheelbase246 in. (6,248 mm)
Cab to Axle168 in. (4,267 mm)
Afterframe90 in. (2,286 mm)
TransmissionHeavy-Duty
(Neutral lock-up required for automatic transmission)
Electrical SystemHeavy-Duty
Cooling SystemHeavy-Duty
Frame Section Modulus26.0 in³ (426 cm³)
RBM Per Frame Rail2,860,000 in./lbs. (32,951 kg-m)

Rope and Reeving:

1 PART LINE	2 PART LINE	3 PART LINE	4 PART LINE	CAUTION
				OVERLOAD AND ANTI-TWO-BLOCK SYSTEMS MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. REFER TO OWNER'S MANUAL. KEEP AT LEAST 3 WRAPS OF LOADING ON DRUM AT ALL TIMES.
LOADS UP TO 9,600 LBS. STD. CABLE	LOADS UP TO 19,200 LBS. STD. CABLE	LOADS UP TO 28,800 LBS. STD. CABLE	LOADS UP TO 38,400 LBS. STD. CABLE	USE ONLY 9/16" DIAMETER CABLE WITH 33,600 LB. BREAKING STRENGTH ON THIS MACHINE.
6,720 LBS. ROT. RESIST. CABLE	13,440 LBS. ROT. RESIST. CABLE	20,160 LBS. ROT. RESIST. CABLE	26,880 LBS. ROT. RESIST. CABLE	
THIS MACHINE COMPLIES WITH OSHA REGULATIONS 1910.180 AND 1926.550 WHERE APPLICABLE AT DATE OF MANUFACTURE				

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NOTE: Diagrams depict recommended mounting dimensions. The dimensions of optional pedestal and rear mounts will vary. Please consult your dealer or Terex Cranes for specifics. Dimensions do not include load deflection.

