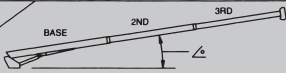

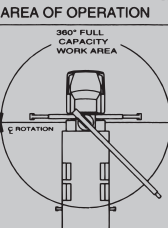


# 3800 Series

## 3874 Capacity and Range Chart:

OPERATOR AUTOMATIC INTEGRATION	LOAD RATINGS IN LBS. WITH OUTRIGGERS EXTENDED											
												
	△	29 FT	△	40 FT	△	51 FT	△	62 FT	△	74 FT	 360° FULL CAPACITY WORK AREA	
	5	77	38000									
	7	72	27150	77	24800							
	10	67	22950	74	20950	78	20275					
	12	62	19900	70	18050	75	17400					
	14	57	17550	67	15850	73	15250	76	13150	79		12500
	16	52	15650	64	14150	70	13550	74	11650	77		11350
	20	41	12650	57	11550	66	11050	71	9425	74		9125
24	28	9950	52	9700	61	9325	67	7825	72	7625		
27	4	6225										
30			38	7525	53	7425	60	6225	66	5925		
34			27	6125	47	6425	56	5325	62	5225		
38			3	3425	40	5525	51	4725	59	4525		
43					30	4125	45	3925	54	3825		
49					3	2125	36	3125	48	3225		
55							24	2325	41	2625		
60							4	1125	34	2125		
65									26	1625		
70									15	1025		
		700		500		400		325		250	⇐ STOWED JIB DEDUCTIONS	
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				

**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 Rating .....50,000 lbs. (22,680 kg)  
Front Axle Weight Rating.....18,000 lbs. (8,165 kg)  
Rear Axle Weight Rating .....34,000 lbs. (15,422 kg)  
Wheelbase .....246 in. (6,248 mm)  
Cab to Axle.....168 in. (4,267 mm)  
Afterframe .....90 in. (2,286 mm)  
Transmission .....Heavy-Duty  
(Neutral lock-up required for automatic transmission)  
Electrical System .....Heavy-Duty  
Cooling System.....Heavy-Duty  
Frame Section Modulus.....26.0 in<sup>3</sup> (426 cm<sup>3</sup>)  
RBM Per Frame Rail ....2,860,000 in./lbs. (32,951 kg-m)

## Rope and Reeving:

1 PART LINE	2 PART LINE	3 PART LINE	4 PART LINE	CAUTION
				
OVERHAUL BALL	ONE SHEAVE LOAD BLOCK	ONE SHEAVE LOAD BLOCK	TWO SHEAVE LOAD BLOCK	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 LOADLINE ON DRUM AT ALL TIMES. USE ONLY 9/16" DIAMETER CABLE WITH 33,600 LB. BREAKING STRENGTH ON THIS MACHINE.
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	
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

3-654-00519

**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.

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