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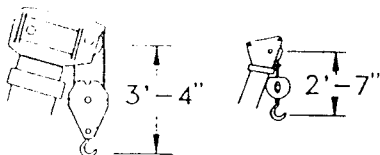
18 ton C-15

**TEREX
CD 118**rough terrain crane
18 ton capacity**range diagram & lifting capacities****REDUCTION IN MAIN
BOOM CAPACITY**

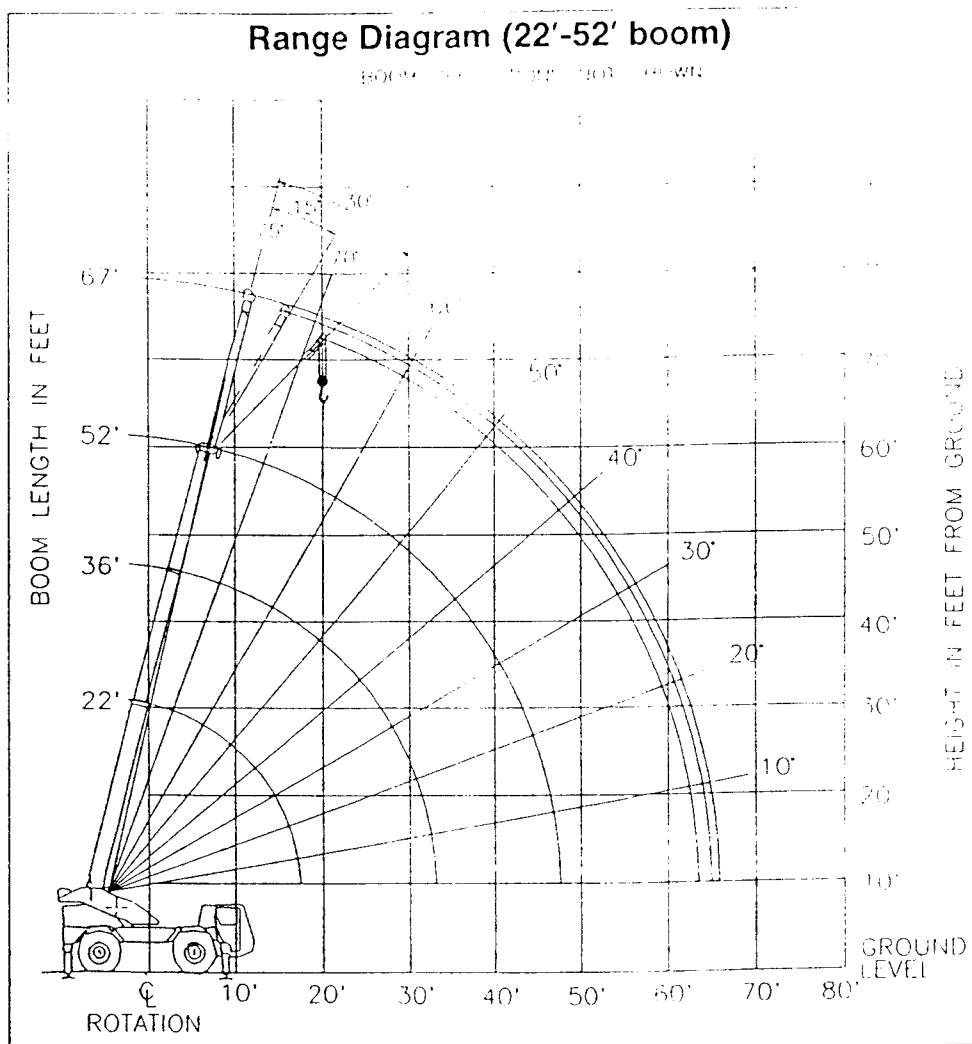
All Jibs in Stowed Position	0 Lbs.
15' Jib Erected	500 Lbs.

**HOOK BLOCK
WEIGHTS**

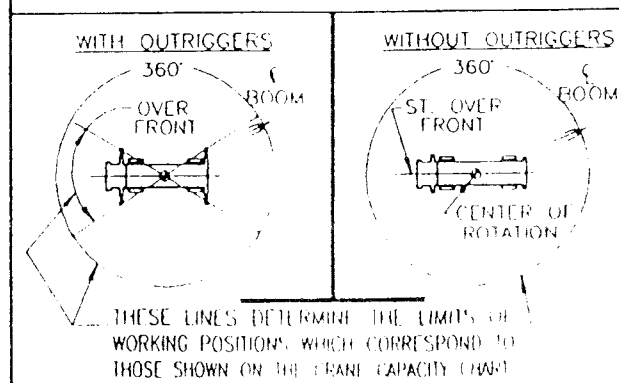
Hook & Ball	121 Lbs.
Hook Block (2 Sheave)	325 Lbs.
Hook Block (3 Sheave)	350 Lbs.



Dimensions are for largest factory furnished hook
block and hook & ball, with anti-two block activated.

**CD 118 TURNING CIRCLES**

	2-Wheel Steer	4-Wheel Steer
Turning Radius	22' 4"	14' 10.5"
Curb Clearance Circle (Over 15.00 x 22.5 Tires)	45' 11.5"	31' 0.5"
Machine Clearance Circle (Over Boom Head)	49' 0"	34' 2"
(Over Stowed Jib)	50' 7"	35' 9"

CRANE WORKING POSITIONS

Lifting Capacities — Pounds (22'-52' boom)

MODEL CD 118

CAUTION: Do not use this specification sheet as a load rating chart. The format of data is not consistent with the machine chart and may be subject to change.

CONTRACT TYPE	NUMBER	STABILITY PERCENTAGE
ROOMING ONLY	1,000,000	85%
ROOMING AND BOARD	1,000,000	75%
BOARD ONLY	1,000,000	53.3%

ON OUTRIGGERS

LOAD RADIUS (FT)	BOOM LENGTH 22 FT			BOOM LENGTH 36 FT			BOOM LENGTH 52 FT			LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	OVER FRONT (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER FRONT (LB)	360° (LB)	LOADED BOOM ANGLE (DEG)	OVER FRONT (LB)	360° (LB)	
5	75.0	36,000*	36,000*							5
6	64.5	30,000*	30,000*							6
8	58.4	28,400*	28,400*	71.3	26,500*	26,500*				8
10	51.9	23,100*	23,100*	67.9	23,200*	22,900*				10
12	44.6	18,800*	18,800*	64.4	19,200*	18,700*				12
15	31.0	14,500*	14,100*	58.8	14,900*	14,500*	69.0	15,000*	14,700*	15
18	--			52.9	12,000*	11,700*	65.4	12,100*	11,300*	18
20				48.7	10,500*	10,200*	62.9	10,700*	10,400*	20
25				36.4	7,900*	7,400	56.4	8,000*	7,600	25
30				17.5	6,100*	5,400	49.4	6,300*	5,600	30
35							41.4	5,000	4,200	35
40							31.8	3,900	3,300	40
45							17.9	3,100	2,600	45
50							--			50

*** MAXIMUM CAPACITY AT 0 DEGREE BOOM ANGLE

MAXIMUM CAPACITY AT 5 DEGREE BOOM ANGLE								
BOOM LENGTH 22 FT			BOOM LENGTH 36 FT			BOOM LENGTH 52 FT		
LOAD RADIUS (FT)	OVER FRONT (LB)	360 (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360° (LB)	LOAD RADIUS (FT)	OVER FRONT (LB)	360 (LB)
17.5	8,500*	8,500*	31.3	4,500*	4,500*	47.1	2500*	2,300

ON TIRES

RADIUS (FT)	MAX BOOM LENGTH (FT)	15:00 X 22 5-16PR				RADIUS (FT)
		STATIONARY		PICK & CARRY		
		360°	STRAIGHT OVER FRONT	CREEP	2.5 MPH	
6	22	15,500*				6
8	22	13,300*				8
10	22	10,300*	15,500*	12,300*	10,100*	10
12	36	8,300*	13,300*	10,500*	8,600*	12
15	36	6,300*	9,900	8,500*	6,900*	15
18	52	4,900	7,300	7,000*	5,600*	18
20	52	4,000	6,200	6,200	5,000*	20
25	52	2,700	4,300	4,300	3,800*	25
30	52	2,000	3,100	3,100	2,900*	30
35	52	1,400	2,400	2,400	2,300*	35
40	52	1,000	1,800	1,800	1,800	40
45	52	700	1,400	1,400	1,400	45

Note: For Capacities, Capacities

A For Pick and Carry Operations, boxes must be constructed, per 1910.101, to protect

B. Due to and should be replaced from category

^c Group speed of sound management of flow rate ($\text{m}^3 \text{s}^{-1}$) = $(\rho_{\text{air}} V_{\text{air}}) / (\rho_{\text{water}} V_{\text{water}})$, and total cross-sectional diameter (V_{air} and V_{water} are velocity in km/h).

(1) *Deputy Local Government Inspector for Anti-Fraud and Corruption*

† Without outgagers, seven managers (the board, two vice presidents, one applicable vice president, used to ensure stability)

RECOMMENDED TIRE PRESSURE

PIPE SIZE	STATIONARY	WHEEL	TRAVEL
12" O.D. 20.5 LB. PIPE	310 PSI	310 PSI	90 PSI

SIDE STOW JIB ON OUTRIGGERS

LOADED BOOM ANGLE (DEG)	15 FT OFFSETTABLE JIB						LOADED BOOM ANGLE (DEG)
	0° OFFSET		15° OFFSET		30° OFFSET		
	LOAD RADIUS (REF) (FT)	360 (LB)	LOAD RADIUS (REF) (FT)	360 (LB)	LOAD RADIUS (REF) (FT)	360 (LB)	
75	16'-2"	5,500*	18'-4"	4,100*	21'-1"	3,400*	75
73	18'-9"	5,500*	21'-1"	4,000*	23'-8"	3,400*	73
71	21'-2"	5,400*	23'-9"	3,800*	26'-1"	3,200*	71
68	24'-8"	5,400*	27'-5"	3,600*	29'-7"	3,100*	68
65	27'-11"	5,000*	30'-10"	3,500*	32'-10"	3,000*	65
62	31'-1"	4,700*	34'-0"	3,300*	35'-11"	2,900*	62
59	34'-1"	4,400*	37'-0"	3,200*	38'-9"	2,800*	59
55	37'-10"	4,000	40'-4"	3,100*	41'-10"	2,700*	55
51	41'-5"	3,500	43'-5"	3,100*	44'-10"	2,600*	51
47	44'-6"	3,000	46'-5"	2,900*	47'-10"	2,600*	47
43	47'-5"	2,700	49'-1"	2,600	50'-5"	2,500	43
38	51'-0"	2,300	52'-3"	2,200*	53'-5"	2,200*	38
32	54'-4"	2,200*	56'-0"	1,900	58'-4"	1,900	32
25	57'-8"	1,800	59'-0"	1,700			25
17	61'-1"	1,500	61'-3"	1,500			17
0	63'-3"	1,400					0

* Total, 4 of 10 Capacities.

† For all beam lengths, less than the maximum with a pitch circle feed, the rate is 1.00 in./min. for 100 ft. runs and 1.25 in./min. for 150 ft. runs.

(3) For beam angles not shown, use the capacity of the next lower beam angle.

†† Listed tariffs are for fully extended main beams only.

MAXIMUM PERMISSIBLE HOIST LINE LOAD

LINE PATTERNS	1	2	3	4	5
6X10 F0RG 6Z B00P	6-000	12-000	18-000	24-000	30-000
ROTATING BEZEL 60P	6-000	11-600	17-400	23-200	29-000
60MMER AD	0	1-0	1-2	1-4	1-6
BOOK BLOCK	0	1	1-1	2	3

WITH BOOK 1-2, ROTATION 0, PATTERN COMBINATION 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772,