

CASE

CONSTRUCTION

SINCE 1842

FULL-LINE

EQUIPMENT SOLUTIONS



COMPACT TRACK LOADERS

SPECIFICATIONS	TR270B	TR310B	TR340B	TV370B
Gross hp (kW)	74 (55) @ 2500 RPM	74 (55) @ 2500 RPM	90 (67) @ 2500 RPM	74 (55) @ 2500 RPM
Operating weight – lb. (kg)	8,270 (3 750)	8,880 (4 027)	10,000 (4 536)	9,945 (4 520)
Bucket breakout force – lbf. (kN)	7,270 (32.3)	8,680 (38.6)	8,700 (38.7)	8,593 (38.2)
Rated operating capacity ROC 50% / 35% – lb. (kg)	2,700 (1 225) / 1,890 (860)	3,100 (1 406) / 2,170 (984)	3,400 (1 542) / 2,380 (1 079)	3,700 (1 682) / 2,590 (1 178)

SPECIFICATIONS	TV450B	TV620B
Gross hp (kW)	90 (67) @ 2500 RPM	114 (85) @ 2500 RPM
Operating weight – lb. (kg)	10,610 (4 823)	16,100 (7 311)
Bucket breakout force – lbf. (kN)	9,188 (41.8)	12,907 (57.4)
Rated operating capacity ROC 50% / 35% – lb. (kg)	4,500 (2 045) / 3,150 (1 432)	6,200 (2 812) / 4,340 (1 969)



SKID STEER LOADERS

SPECIFICATIONS	SR160B	SR175B	SV185B	SR210B
Gross hp (kW)	60 (44.7) @ 2800 RPM	67 (50) @ 2800 RPM	60 (44.7) @ 2800 RPM	74 (55) @ 2500 RPM
Operating weight – lb. (kg)	5,645 (2 560)	6,270 (2 842)	6,570 (2 980)	6,970 (3 160)
Bucket breakout force – lbf. (kN)	5,270 (23.4)	7,270 (32.3)	5,550 (24.7)	7,270 (32.3)
Rated operating capacity ROC 50% – lb. (kg)	1,600 (726)	1,750 (790)	1,850 (840)	2,100 (955)

SPECIFICATIONS	SR240B	SR270B	SV280B	SV340B
Gross hp (kW)	74 (55) @ 2500 RPM	90 (67) @ 2500 RPM	74 (55) @ 2500 RPM	90 (67) @ 2500 RPM
Operating weight – lb. (kg)	7,400 (3 350)	8,117 (3 681)	8,000 (3 630)	9,100 (4 136)
Bucket breakout force – lbf. (kN)	8,680 (39.4)	8,677 (38.6)	8,620 (38.3)	9,531 (42.4)
Rated operating capacity ROC 50% – lb. (kg)	2,400 (1 088)	2,700 (1 225)	2,800 (1 270)	3,400 (1 545)





BACKHOE LOADERS

SPECIFICATIONS	580N EP	580N	580 Super N	580 Super N WT
Gross hp (kW) @ 2200 RPM	74 (55)	90 (67)	97 (72)	110 (82)
Loader lift capacity – lb. (kg)	6,503 (2 950)	6,803 (3 086)	7,044 (3 195)	8,425 (3 822)
Backhoe bucket breakout force – lbf. (kN)	11,517 (51.2)	11,517 (51.2)	14,452 (64.2)	15,070 (67.0)
Operating weight, 4WD – lb. (kg)	16,093 (7 300)	17,751 (8 052)	19,750 (8 958)	20,760 (9 417)

SPECIFICATIONS	590 Super N
Gross hp (kW) @ 2200 RPM	110 (82)
Loader lift capacity – lb. (kg)	8,202 (3 721)
Backhoe bucket breakout force – lbf. (kN)	15,853 (70.5)
Operating weight, 4WD – lb. (kg)	21,325 (9 673)



**BACKHOE
CONSIDERATIONS
FOR THE OWNER
OPERATOR**





ROUGH-TERRAIN FORKLIFTS

SPECIFICATIONS	586H	588H
Gross hp (kW) @ 2200 RPM	74 (55)	74 (55)
Operating weight – lb. (kg)	14,621 (6 632)	16,978 (7 701)
Lift capacity at 15-feet @ 24 in. center lb. (kg)	6,000 (2 722)	8,000 (3 628)
Max. fork height – forks horizontal	22 ft. 0 in. (6 706 mm)	22 ft. 0 in. (6 706 mm)



LOADER/TOOL CARRIERS

SPECIFICATIONS	570N EP
Gross hp (kW)	74 (55)
Operating weight – lb. (kg)	14,508 (6 581)
Loader lift capacity – lb. (kg)	6,503 (2 950)





EXCAVATORS

SPECIFICATIONS	CX80C	CX130D	CX160D	CX210D*
Net hp (kW)	53.6 (40) @ 2000 RPM	102 (76.4) @ 2000 RPM	112 (83.2) @ 2200 RPM	160 (119.3) @ 1800 RPM
Maximum digging depth	13 ft. 9 in. (4 180 mm)	18 ft. 3 in. (5 550 mm)	19 ft. 11 in. (6 060 mm)	21 ft. 10 in. (6 650 mm)
Operating weight – lb. (kg)	18,900 (8 590)	29,100 (13 200)	38,400 (17 400)	48,900 (22 200)
Bucket digging force – lbf. (kN)	12,800 (56.9)	21,400 (95.0)	26,500 (118.0)	34,600 (154.0)

SPECIFICATIONS	CX250D*	CX290D MH	CX300D	CX350D
Net hp (kW)	177 (132.1) @ 2000 RPM	177 (132.1) @ 2000 RPM	207 (154) @ 1800 RPM	268 (200) @ 1900 RPM
Maximum digging depth	22 ft. 8 in. (6 900 mm)	11 ft. 11 in. (3 610 mm)	23 ft. 4 in. (7 100 mm)	24 ft. 1 in. (7 340 mm)
Operating weight – lb. (kg)	56,900 (25 800)	72,100 (32 700)	67,200 (30 500)	82,400 (37 400)
Bucket digging force – lbf. (kN)	39,570 (176.0)	–	42,780 (190.3)	56,160 (249.8)

SPECIFICATIONS	CX490D	CX500D Mass Ex	CX750D	CX750D Mass Ex
Net hp (kW)	362 (270.0) @ 2000 RPM	362 (270.0) @ 2000 RPM	512 (382) @ 1800 RPM	512 (382) @ 1800 RPM
Maximum digging depth	25 ft. 4 in. (7 720 mm)	21 ft. 4 in. (6 490 mm)	27 ft. 7 in. (8 400 mm)	23 ft. 7 in. (7 180 mm)
Operating weight – lb. (kg)	109,300 (49 600)	111,800 (50 700)	158,300 (71 800)	159,600 (72 400)
Bucket digging force – lbf. (kN)	60,700 (270.0)	70,400 (313.0)	75,090 (334.0)	82,280 (366.0)

*Alternative machine configurations available (e.g., long reach, narrow, mass excavation).

MINI EXCAVATORS

SPECIFICATIONS	CX17C	CX26C	CX30C
Gross hp (kW)	16.8 (12.5) @ 2300 RPM	24.8 (18.5) @ 2300 RPM	24.8 (18.5) @ 2300 RPM
Maximum digging depth*	7 ft. 9 in. (2 350 mm)	8 ft. 8 in. (2 645 mm)	8 ft. 2 in. (2 500 mm)
Operating weight – lb. (kg)**	3,910 (1 775)	5,520 (2 505)	6,306 (2 860)
Bucket digging force – lbf. (kN)	3,490 (15.5)	4,470 (21.1)	4,520 (20.1)

SPECIFICATIONS	CX37C	CX57C	CX60C
Gross hp (kW)	24.4 (18.2) @ 2200 RPM	66.9 (49.9) @ 2400 RPM	64.7 (48.3) @ 2200 RPM
Maximum digging depth*	11 ft. 3 in. (3 440 mm)	13 ft. 4 in. (4 060 mm)	13 ft. 1 in. (3 990 mm)
Operating weight – lb. (kg)**	8,350 (3 790)	12,320 (5 590)	13,430 (6 090)
Bucket digging force – lbf. (kN)	6,900 (30.7)	9,550 (42.4)	9,190 (40.9)

*Increased digging depth can be achieved with the long arm configuration.

**Operating weight will vary depending on configuration.



SHORT-RADIUS EXCAVATORS

SPECIFICATIONS	CX75C SR	CX145D SR	CX245D SR
Net hp (kW)	53.6 (40.0) @ 2000 RPM	102 (76.4) @ 2000 RPM	160 (119.3) @ 1800 RPM
Maximum digging depth	13 ft. 7 in. (4 130 mm)	18 ft. 1 in. (5 510 mm)	21 ft. 10 in. (6 650 mm)
Operating weight – lb. (kg)	17,400 (7 900)	32,100 (14 600)	56,900 (25 800)
Bucket digging force – lbf. (kN)	12,800 (56.9)	21,400 (95.0)	34,600 (154.0)

LONG-REACH EXCAVATORS

SPECIFICATIONS	CX210D LR	CX250D LR	CX350D LR
Net hp (kW)	160 (119.3) @ 1800 RPM	177 (132.1) @ 2000 RPM	268 (200) @ 1900 RPM
Maximum digging depth	39 ft. 5 in. (12 010 mm)	47 ft. 10 in. (14 560 mm)	47 ft. 3 in. (14 090 mm)
Operating weight – lb. (kg)	51,900 (23 500)	63,500 (28 800)	88,200 (40 000)
Bucket digging force – lbf. (kN)	14,600 (65.0)	17,300 (77.0)	24,500 (109.0)

FULL-SIZE WHEEL LOADERS

SPECIFICATIONS	521G	621G*	721G*	821G
Net peak hp (kW)	131 (98)	162 (121)	179 (133)	213 (159)
Operating weight – lb. (kg)	24,203 (10 978)	28,254 (12 816)	32,633 (14 802)	40,057 (18 170)
Full turn tipping load – lb. (kg)**	16,159 (7 330)	18,749 (8 504)	20,212 (9 168)	24,515 (11 120)
Bucket breakout force – lbf. (kg)	20,934 (9 495)	24,031 (10 900)	30,485 (13 828)	35,288 (16 007)
Bucket Size: GP with Bolt-on-Edge – yd³. (m³)	2.1 (1.6)	3.0 (2.3)	3.5 (2.7)	4.25 (3.2)
Max material density – SAE lb/yd³. (kg/m³)**	3,847 (2 283)	3,125 (1 854)	2,887 (1 713)	2,884 (1 711)

SPECIFICATIONS	921G	1021G	1121G
Net peak hp (kW)	242 (180)	304 (227)	329 (245)
Operating weight – lb. (kg)	45,070 (20 443)	56,365 (25 567)	61,650 (27 964)
Full turn tipping load – lb. (kg)**	28,529 (12 940)	35,717 (16 201)	38,454 (17 443)
Bucket breakout force – lbf. (kg)	37,688 (17 095)	45,056 (20 437)	49,934 (22 650)
Bucket Size: GP with Bolt-on-Edge – yd³. (m³)	4.75 (3.6)	5.5 (4.2)	6.25 (4.8)
Max. material density – SAE lb/yd³. (kg/m³)**	3,003 (1 782)	3,247 (1 927)	3,076 (1 825)

*Alternative machine configurations available (e.g., Extended Reach).

**ISO 14397-1 Deflected Tires.



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COMPACT WHEEL LOADERS

SPECIFICATIONS	21F	21F XT	121F	121F XT	221F	321F
Net hp (kW)	55 (41)	55 (41)	60 (45)	60 (45)	70 (52)	70 (52)
Operating weight – lb. (kg)	10,194 (4 624)	10,979 (4 980)	11,949 (5 420)	11,398 (5 170)	12,547 (5 691)	13,633 (6 184)
Bucket breakout force – lbf. (kg)	8,301 (3 765)	6,753 (3 063)	8,971 (4 069)	6,559 (2 975)	10,959 (4 971)	10,076 (4 570)
Ref. bucket capacity, heaped – yd³. (m³)	0.92 (0.7)	0.92 (0.7)	1.05 (0.80)	1.05 (0.80)	1.2 (0.9)	1.3 (1.0)
Max. material density – ISO lb/yd³. (kg/m³)	3,272 (1 941)	3,853 (2 286)	3,722 (2 208)	3,625 (2 151)	3,404 (2 020)	3,261 (1 935)

Data is based upon the use of a general purpose bucket with Bolt on Edge.

DOZERS

SPECIFICATIONS	650M	750M	850M	1150M
Net hp (kW) @ 2000 RPM	68 (50.6)*	92 (69)	112 (84)	127 (95)
Operating weight – lb. (kg)	16,405 (7 441)	20,679 (9 380)	23,250 (10 547)	32,637 (14 804)
Drawbar pull – lbf. (kN)	39,086 (173.9)	41,010 (182.4)	41,010 (182.4)	48,000 (213.5)
Blade width – in. (mm)	109 (2 769)	110 (2 796)	124 (3 150)	132 (3 353)

SPECIFICATIONS	1650M	2050M
Net hp (kW) @ 2000 RPM	150 (112)	214 (160)
Operating weight – lb. (kg)	39,557 (17 940)	45,414 (20 599)
Drawbar pull – lbf. (kN)	61,200 (272.2)	81,000 (360)
Blade width – in. (mm)	156 (3 962)	134 (3 404)

*Measured at 2200 RPM.



MOTOR GRADERS

SPECIFICATIONS	836C	836C AWD	856C	856C AWD
Net hp (kW) @ 2200 RPM	137/154 (102/115)	137/154 (102/115)	173/190 (129/142)	173/190 (129/142)
Operating weight – lb. (kg)	26,466 (12 005)	27,128 (12 305)	33,966 (15 407)	34,848 (15 807)
Blade Width – ft. in. (mm)	11 ft. 0 in. (3 355 mm)	11 ft. 0 in. (3 355 mm)	12 ft. 0 in. (3 658 mm)	12 ft. 0 in. (3 658 mm)
Turning radius – ft. in. (mm)	21 ft. 8 in. (6 600 mm)	22 ft. 4 in. (6 800 mm)	23 ft. 11 in. (7 300 mm)	23 ft. 11 in. (7 300 mm)



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COMPACTION

SOIL COMPACTION	SV207E	SV211E	SV213E
Gross hp (kW)	75 (55.4)	134 (100)	134 (100)
Operating weight – lb. (kg)	15,400 (6 990)	25,630 (11 625)	27,730 (12 580)
Centrifugal force – lbf. (kN)	29,450 - 35,070 (131 - 156)	34,845 - 64,070 (155 - 285)	34,845 - 64,070 (155 - 285)
Drum width – in. (mm)	66.1 (1 680)	83.9 (2 130)	83.9 (2 130)

ASPHALT COMPACTION	DV23E	DV23CE	DV26E	DV26CE
Gross hp (kW)	33.5 (25)	33.5 (25)	33.5 (25)	33.5 (25)
Operating weight – lb. (kg)	4,960 (2 250)	4,600 (2 085)	5,490 (2 490)	5,180 (2 350)
Frequency – VPM (Hz)	3,480 - 3,960 (58 - 66)	3,480 - 3,960 (58 - 66)	3,480 - 3,960 (58 - 66)	3,480 - 3,960 (58 - 66)
Drum width – in. (mm)	39.4 (1 000)	39.4 (1 000)	47.2 (1 200)	47.2 (1 200)

ASPHALT COMPACTION	DV36E	DV45E	DV45CE
Gross hp (kW)	43.9 (32.8)	43.9 (32.8)	43.9 (32.8)
Operating weight – lb. (kg)	8,290 (3 760)	10,252 (4 650)	9,535 (4 325)
Frequency – VPM (Hz)	2,460 - 3,300 (41 - 55)	2,460 - 3,300 (41 - 55)	2,460 - 3,300 (41 - 55)
Drum width – in. (mm)	51.2 (1 300)	54.3 (1 380)	54.3 (1 380)



ASPHALT COMPACTION	DV209D	DV209CD	DV210D	DV210CD
Gross hp (kW)	100 (74.4)	100 (74.4)	100 (74.4)	100 (74.4)
Operating weight – lb. (kg)	21,080 (9 560)	20,750 (9 410)	22,930 (10 400)	22,440 (10 180)
Frequency – VPM (Hz)	2,520 - 4,020 (42 - 67)*	2,520 - 4,020 (42 - 67)*	2,520 - 4,020 (42 - 67)*	2,520 - 4,020 (42 - 67)*
Drum width – in. (mm)	66 (1 680)	66 (1 680)	66 (1 680)	66 (1 680)

*Frequency range includes standard and high frequency options.

PNEUMATIC COMPACTION	PT240D
Gross hp (kW)	100 (74.4)
Operating weight – lb. (kg)	21,380 (9 700)
Max. operating weight – lb. (kg)	52,910 (24 000)
Drum width – in. (mm)	78.2 (1 986)



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