



GENERAL	1	Manufacturer	Manufacturer Name		
	2	Model	Engine / Transmission		
	3	Capacity	Rated capacity	lb. (kg)	
	4	Load Center	Distance	in. (mm)	
	5	Power Type	Gasoline, LPG, CNG, Diesel		
	6	Operator Type	Pedestrian, Stand-on, Seated Rider		
	7	Step Height		in. (mm)	
	8	Tire Type	Cushion, Solid, Pneumatic, etc.		
	9	Wheels	Number - Front / Rear		
DIMENSIONS	10	Lift Height with Two Stage Mast	Lift Height (Top of Fork)	in. (mm)	
	11		Standard Free Lift w/ LBR (Top of Fork)	in. (mm)	
	12		Opt. Free Lift w/ LBR (Top of Fork)	in. (mm)	
	13		Standard Carriage Width	in. (mm)	
	14	Forks	Thickness/Width/Length	in. (mm)	
	15	Fork Spread	Outside Dimensions	in. (mm)	
	16	Tilt of Mast	Forward/Backward	degrees	
	17		Length To Face of Forks	in. (mm)	
	18		Overall Width Standard/Wide	in. (mm)	
	19	Dimensions	Height with Collapsed Mast	in. (mm)	
	20		Height with Extended Mast with LBR	in. (mm)	
	21		Height of Std. Overhead Guard/Opt. Overhead Guard	in. (mm)	
	22	Turning Radius	Outside	in. (mm)	
	23	Load Length	Front Overhang	in. (mm)	
	24	Aisle Width	Right Angle Stack (Add Length of Load)	in. (mm)	
	25	Equal Aisle	42" W x 48" L Load	in. (mm)	
PERFORMANCE	26	Stability	Comply with ANSI?	Yes	
	27		Travel Speed - With load / No Load	mph (km/h)	
	28		With Techntronix 200X	mph (km/h)	
	29	Speeds	Lift Speed - W/ 2 Stg. LFL load/ No Load	ft./min (mm/s)	
	30		Lift Speed - W/ Opt. 2 Stg. FFL load/ No Load	ft./min (mm/s)	
	31		Lift Speed - W/ Opt. 3 Stg. FFL load/ No Load	ft./min (mm/s)	
	32		Lowering Speed - With load/ No Load	ft./min (mm/s)	
	33		Lowering Speed - W/ Opt. 2 Stg. FFL load/ No Load	ft./min (mm/s)	
	34		Lowering Speed - W/ Opt. 3 Stg. FFL load/ No Load	ft./min (mm/s)	
	35	Drawer Pull	With Load/No Load @ 1mph	lb.	
	36		With Techntronix 200X	lb.	
	37		With Load/No Load @ 3 mph	lb.	
	38		With Techntronix 200X	lb.	
	39	Gradeability	With Load/No Load @ 1 mph	%	
	40		With Techntronix 200X	%	
	41		With Load/No Load @ 3 mph	%	
42		With Techntronix 200X	%		
WT.	43	Steering	Manual Power		
	44	Unloaded Weight w/ Rated Load	Standard Truck	lb. (kg.)	
	45		Standard Truck	lb. (kg.)	
	46	Axle Loads	No Load - Front/Rear	lb. (kg.)	
	47	w/ Rated Load	With Load - Front/Rear	lb. (kg.)	
	48		Number - Front/Rear		
	49	Tire Size	Front		
	50		Rear		
	51	Wheelbase	Distance	in. (mm)	
	52	Tread	Center of Tires - Front	in. (mm)	
	53	Ground Clearance	No Load at Lowest Point	in. (mm)	
	54		No Load at Center of Wheelbase	in. (mm)	
	55	Drakes	Service - Method of Control		
	56		Parking - Method of Operation		
	TRANS. & POWER UNIT	57	Battery	Type	Maintenance Free
		58		Volts/Cold Cranking Amps	12 / 475
59		ICE Engine	Manufacturer/Model	GM Mazda Mazda	
60			Permanent Output @ 2600 rpm	hp (kw)	
61			Torque @ 2600 rpm	lbf ft (kg/m)	
62			Number of Cylinders/Displacement/Liters	Cyl./C/Liters	
63		Transmission	With ICE Drive	Type	
64			Speeds Fwd / Rev		
65			Speeds Fwd / Rev w/ Techntronix 200X		
66		Noise Level	LEQ	db(A)	
67		Hydraulic Tank	Capacity	gal. (litre)	
68		Fuel Tank	Capacity (for gas trucks only)	gal. (litre)	
69		Relief Pressure	Auxiliary pressure for attachments	PSI (Mpa)	

Yale		Yale		Yale	
GM 2.4L Techntronix 200 & Techntronix 200X		Mazda 2.2L Techntronix 100		Mazda 2.0L Standard Electronic	
Productivity		Value		Base	
4000 (1815)		4000 (1815)		4000 (1815)	
24 (610)		24 (610)		24 (610)	
LPG	Gas	LPG	LPG	LPG	LPG
Seated Rider		Seated Rider		Seated Rider	
13.8 (350)		13.8 (350)		13.8 (350)	
Cushion / Cushion		Cushion / Cushion		Cushion / Cushion	
2 / 2		2 / 2		2 / 2	
129 (3292)		129 (3292)		129 (3292)	
5 (140)		5 (140)		5 (140)	
35.8 (910)		35.8 (910)		35.8 (910)	
38.5 (980)		38.5 (980)		38.5 (980)	
1.6x3.9x42 (40x100x1067)		1.6x3.9x42 (40x100x1067)		1.6x3.9x42 (40x100x1067)	
35.4 (899)		35.4 (899)		35.4 (899)	
5 x 8		5 x 8		5 x 8	
87.6 (2226)		87.6 (2226)		87.6 (2226)	
42.1 (1070) / 48.9 (1242)		42.1 (1070) / 48.9 (1242)		42.1 (1070) / 48.9 (1242)	
85 (2135)		85 (2135)		85 (2135)	
178 (4515)		178 (4515)		178 (4515)	
84 (2128) / 82 (2061)		84 (2128) / 82 (2061)		84 (2128) / 82 (2061)	
76.7 (1950)		76.7 (1950)		76.7 (1950)	
14.9 (378)		14.9 (378)		14.9 (378)	
91.6 (2328)		91.6 (2328)		91.6 (2328)	
74.0 (1880)		74.0 (1880)		74.0 (1880)	
Yes		Yes		Yes	
10.7 / 10.5 (17.2 / 16.9)		10.6 / 10.3 (17 / 16.6)		10.6 / 10.3 (17 / 16.6)	
11.3 / 11.2 (18.3 / 18.0)		N/A		N/A	
119 / 119 (.60 / .60)		110 / 110 (0.56 / 0.56)		106 / 110 (0.54 / 0.56)	
106 / 106 (.54 / .54)		99 / 99 (0.50 / 0.50)		95 / 99 (0.48 / 0.50)	
113 / 113 (.57 / .57)		105 / 105 (0.53 / 0.53)		101 / 105 (0.51 / 0.53)	
99 / 86 (.50 / .44)		100 / 88 (0.51 / 0.45)		100 / 88 (0.51 / 0.45)	
86 / 60 (.44 / .30)		85 / 62 (0.43 / 0.31)		85 / 62 (0.43 / 0.31)	
97 / 81 (.49 / .41)		94 / 75 (0.48 / 0.38)		94 / 75 (0.48 / 0.38)	
4627 / 2155		4130 / 2155		3989 / 2155	
4900 / 2155		N/A		N/A	
3100 / 2155		2800 / 2155		2700 / 2155	
3500 / 2155		3200 / 2155		N/A	
41.5 / 29.3		36.4 / 29.3		35.0 / 29.3	
44.3 / 29.3		N/A		N/A	
28 / 28		24 / 24		23.0 / 23.0	
32.0 / 29.3		26.9 / 26.9		N/A	
Power		Power		Power	
7837 (3555)		7837 (3555)		7837 (3555)	
11837 (5369)		11837 (5369)		11837 (5369)	
3567 / 4270 (1618 / 1937)		3567 / 4270 (1618 / 1937)		3567 / 4270 (1618 / 1937)	
10321/1516 (4682 / 688)		10321 / 1516 (4682 / 688)		10321 / 1516 (4682 / 688)	
2 / 2		2 / 2		2 / 2	
21x7x15		21x7x15		21x7x15	
16x5x10.5		16x5x10.5		16x5x10.5	
56.3 (1430)		56.3 (1430)		56.3 (1430)	
35.1 (892)		35.1 (892)		35.1 (892)	
3.6 (91)		3.6 (91)		3.6 (91)	
4.9 (125)		4.9 (125)		4.9 (125)	
Foot / Hydraulic		Foot / Hydraulic		Foot / Hydraulic	
Hand / Mechanical		Hand / Mechanical		Hand / Mechanical	
Maintenance Free		Maintenance Free		Maintenance Free	
12 / 475		12 / 475		12 / 475	
GM		Mazda		Mazda	
61.0 (45.5)		51.0 (38.0)		46.5 (34.7)	
123 (17.0)		103 (14.2)		82 (11.3)	
4 / 146.5 / 2.4		4 / 134.3 / 2.2		4 / 122 / 2.0	
Electronically Controlled Powershift		Electronically Controlled Powershift		Electronically Controlled Powershift	
1 / 1		1 / 1		1 / 1	
2 / 1		N/A		N/A	
78		78		78	
8.0 (30.1)		8.0 (30.1)		8.0 (30.1)	
N/A		10.6 (40)		N/A	
2250 (15.5)		2250 (15.5)		2250 (15.5)	

Yale		Yale		Yale	
GM 2.4L Techntronix 100/200 & Techntronix 200X		Mazda 2.2L Techntronix 100		Mazda 2.0L Standard Electronic	
Productivity		Value		Base	
5000 (2268)		5000 (2268)		5000 (2268)	
24 (610)		24 (610)		24 (610)	
LPG	Gas	LPG	LPG	LPG	LPG
Seated Rider		Seated Rider		Seated Rider	
13.8 (350)		13.8 (350)		13.8 (350)	
Cushion/Cushion		Cushion/Cushion		Cushion/Cushion	
2X/2		2X/2		2X/2	
129 (3292)		129 (3292)		129 (3292)	
5 (140)		5 (140)		5 (140)	
35.8 (910)		35.8 (910)		35.8 (910)	
38.5 (980)		38.5 (980)		38.5 (980)	
1.6x3.9x42 (40x100x1067)		1.6x3.9x42 (40x100x1067)		1.6x3.9x42 (40x100x1067)	
35.4 (899)		35.4 (899)		35.4 (899)	
5 X 8		5 X 8		5 X 8	
89.8 (2280)		89.8 (2280)		89.8 (2280)	
42.1 (1070) / 48.9 (1242)		42.1 (1070) / 48.9 (1242)		42.1 (1070) / 48.9 (1242)	
85 (2135)		85 (2135)		85 (2135)	
178 (4515)		178 (4515)		178 (4515)	
84 (2128) / 82 (2061)		84 (2128) / 82 (2061)		84 (2128) / 82 (2061)	
78.7 (2000)		78.7 (2000)		78.7 (2000)	
14.9 (378)		14.9 (378)		14.9 (378)	
93.6 (2378)		93.6 (2378)		93.6 (2378)	
74.9 (1902)		74.9 (1902)		74.9 (1902)	
Yes		Yes		Yes	
10.7 / 10.5 (17.2 / 16.9)		10.6 / 10.3 (17 / 16.6)		10.6 / 10.3 (17 / 16.6)	
11.3 / 11.2 (18.3 / 18.0)		N/A		N/A	
119 / 119 (.60 / .60)		110 / 110 (.56 / .56)		92 / 110 (.47 / .56)	
106 / 106 (.54 / .54)		99 / 99 (.50 / .50)		82 / 99 (.42 / .50)	
113 / 113 (.57 / .57)		105 / 105 (.53 / .53)		87 / 105 (.44 / .53)	
99 / 86 (.50 / .44)		102 / 88 (.52 / .45)		102 / 88 (.52 / .45)	
87 / 60 (.44 / .30)		88 / 62 (.45 / .31)		88 / 62 (.45 / .31)	
93 / 81 (.47 / .41)		95 / 75 (.48 / .38)		95 / 75 (.48 / .38)	
4590 / 1983		4093 / 1983		3263 / 1983	
4900 / 1983		N/A		N/A	
3200 / 1983		2600 / 1983		2500 / 1983	
3600 / 1983		3400 / 1983		N/A	
34.2 / 23.5		30.1 / 23.5		29.0 / 23.5	
36.8 / 23.5		N/A		N/A	
23.0 / 23.0		20.0 / 20.0		18.0 / 18.0	
27.0 / 23.5		23.5 / 23.5		N/A	
Power		Power		Power	
8621 (3910)		8621 (3910)		8621 (3910)	
13621 (6178)		13621 (6178)		13621 (6178)	
3399 / 5222 (1542 / 2369)		3399 / 5222 (1542 / 2369)		3399 / 5222 (1542 / 2369)	
11841 / 1780 (5371 / 807)		11841 / 1780 (5371 / 807)		11841 / 1780 (5371 / 807)	
2 / 2		2 / 2		2 / 2	
21x8x15		21x8x15		21x8x15	
16x6x10.5		16x6x10.5		16x6x10.5	
56.3 (1430)		56.3 (1430)		56.3 (1430)	
35.6 (905)		35.6 (905)		35.6 (905)	
3.6 (91)		3.6 (91)		3.6 (91)	
4.9 (125)		4.9 (125)		4.9 (125)	
Foot / Hydraulic		Foot / Hydraulic		Foot / Hydraulic	
Hand / Mechanical		Hand / Mechanical		Hand / Mechanical	
Maintenance Free		Maintenance Free		Maintenance Free	
12 / 475		12 / 475		12 / 475	
GM		Mazda		Mazda	
61.0 (45.5)		51.0 (38.0)		46.5 (34.7)	
123 (17.0)		103 (14.2)		82 (11.3)	
4 / 146.5 / 2.4		4 / 134.3 / 2.2		4 / 122 / 2.0	
Electronically Controlled Powershift		Electronically Controlled Powershift		Electronically Controlled Powershift	
1 / 1		1 / 1		1 / 1	
2 / 1		N/A		N/A	
78		78		78	
8.0 (30.1)		8.0 (30.1)		8.0 (30.1)	
N/A		10.6 (40)		N/A	
2250 (15.5)		2250 (15.5)		2250 (15.5)	

Yale		Yale		Yale	
GM 2.4L Techntronix 100/200 & Techntronix 200X		Mazda 2.2L Techntronix 100		Mazda 2.0L Standard Electronic	
Productivity		Value		Base	
5500 (2495)		5500 (2495)		5500 (2495)	
24 (610)		24 (610)		24 (610)	
LPG	Gas	LPG	LPG	LPG	LPG
Seated Rider		Seated Rider		Seated Rider	
13.8 (350)		13.8 (350)		13.8 (350)	
Cushion / Cushion		Cushion / Cushion		Cushion / Cushion	
2 / 2		2 / 2		2 / 2	
129 (3292)		129 (3292)		129 (3292)	
5 (140)		5 (140)		5 (140)	
35.8 (910)		35.8 (910)		35.8 (910)	
38.5 (980)		38.5 (980)		38.5 (980)	
1.6x3.9x42 (40x100x1067)		1.6x3.9x42 (40x100x1067)		1.6x3.9x42 (40x100x1067)	
35.4 (899)		35.4 (899)		35.4 (899)	
5 X 8		5 X 8		5 X 8	
87.1 (2213)		87.1 (2213)		87.1 (2213)	
43.6 (1108) / 48.9 (1242)		43.6 (1108) / 48.9 (1242)		43.6 (1108) / 48.9 (1242)	
85 (2135)		85 (2135)		85 (2135)	
178 (4515)		178 (4515)		178 (4515)	
84 (2128) / 82 (2061)		84 (2128) / 82 (2061)		84 (2128) / 82 (2061)	
76.2 (1937)		76.2 (1937)		76.2 (1937)	
14.9 (378)		14.9 (378)		14.9 (378)	
91.1 (2315)		91.1 (2315)		91.1 (2315)	
74.3 (1888)		74.3 (1888)		74.3 (1888)	
Yes		Yes		Yes	
10.7 / 10.5 (17.2 / 16.9)		10.6 / 10.3 (17 / 16.6)		10.6 / 10.3 (17 / 16.6)	
11.3 / 11.2 (18.3 / 18.0)		N/A		N/A	
119 / 119 (.60 / .60)		110 / 110 (.56 / .56)		104 / 110 (.53 / .56)	
106 / 106 (.54 / .54)		99 / 99 (.50 / .50)		93 / 110 (.47 / .56)	
113 / 113 (.57 / .57)		105 / 105 (.53 / .53)		89 / 102 (.45 / .52)	
99 / 86 (.50 / .44)		102 / 88 (.52 / .45)		102 / 88 (.52 / .45)	
87 / 60 (.44 / .30)		88 / 62 (.45 / .31)		88 / 62 (.45 / .31)	
93 / 81 (.47 / .41)		9			