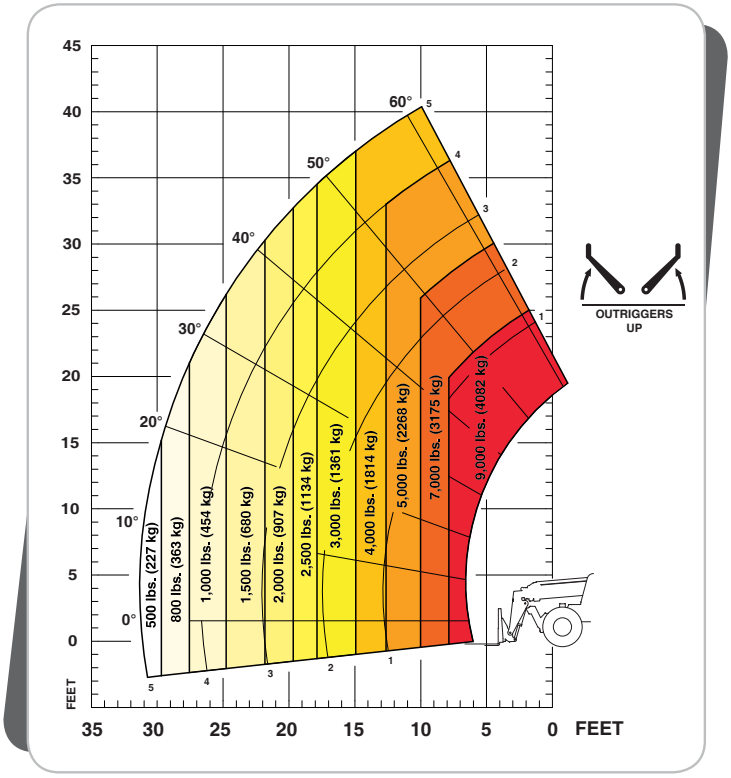
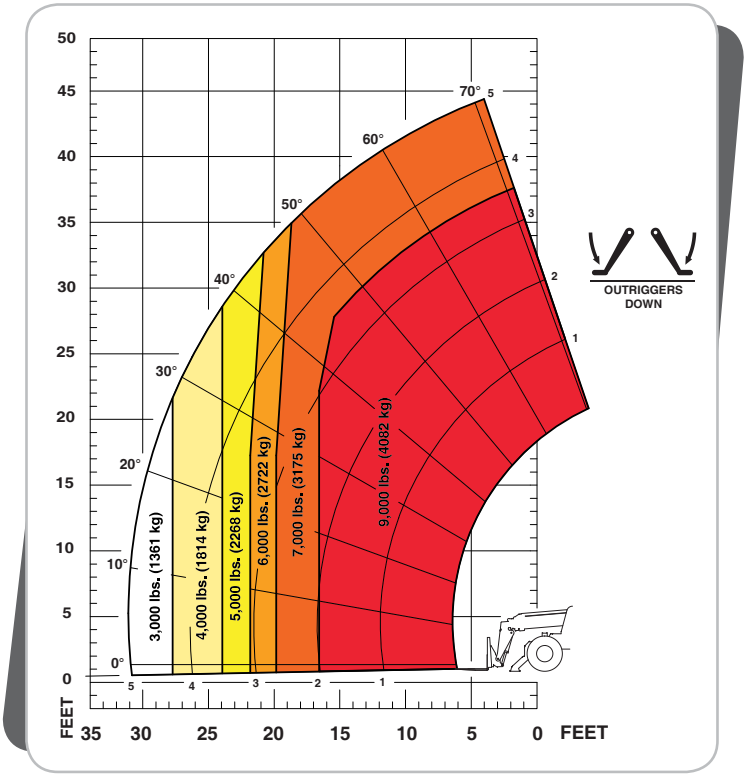
LOAD CHARTS

MT1440



Machine on Tires with Forks

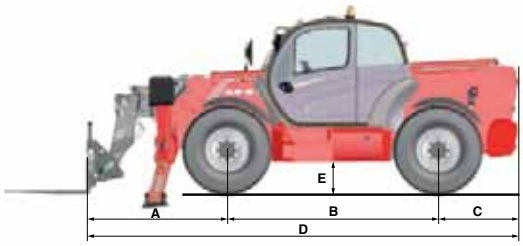


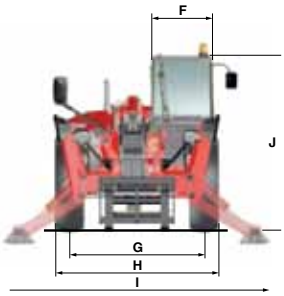
Machine on Stabilizers with Forks

MT SERIES PREMIERE TELESCOPIC HANDLER SPECIFICATIONS

		MT 1440	MT 1840	MT 1840 A	MT 1840 H
CAPACITIES	Lift Capacity (kg)	9,000 lbs. (4082)	9,000 lbs. (4082)	9,000 lbs. (4082)	9,000 lbs. (4082)
	Max. Lift Height (m)	44'4" (13.53)	57'7" (17.55 m)	57'7" (17.55 m)	57'7" (17.55 m)
	Capacity at Max. Lift Height with Stabilizers (kg)	7,000 lbs. (3175)	5,000 lbs. (2268)	5,000 lbs. (2268)	5,000 lbs. (2268)
	Max. Forward Reach (m)	31'0" (9.46 m)	42'11" (13.08 m)	42'11" (13.08 m)	42'11" (13.08 m)
	Cap. at Max. Forward Reach with Stabilizers (kg)	3,000 lbs. (1361)	1,900 lbs. (862)	1,900 lbs. (862)	1,900 lbs. (862)
	Break-out Force with Bucket (daN)	16,636 lb/f (7,400)	17,760 lb/f (7,900)	17,760 lb/f (7,900)	17,760 lb/f (7,900)
ENGINE	Manufacturer	Perkins	Perkins	Perkins	Perkins
	Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged
	Power (kW) @ rpm	102 hp (75) @ 2500	102 hp (75) @ 2500	102 hp (75) @ 2500	102 hp (75) @ 2500
	Model	854E-E34TA Interim Tier IV	854E-E34TA Interim Tier IV	854E-E34TA Interim Tier IV	854E-E34TA Interim Tier IV
	Fuel Tank Capacity (L)	35.6 gal. (135)	35.6 gal. (135)	35.6 gal. (135)	35.6 gal. (135)
	Oil Capacity (L)	7.9 qts. (7.5)	7.9 qts. (7.5)	7.9 qts. (7.5)	7.9 qts. (7.5)
	Maximum Torque (Nm) @ 1400 rpm	310 ft.-lbs. (420)	310 ft.-lbs. (420)	310 ft.-lbs. (420)	310 ft.-lbs. (420)
COMPONENTS	Transmission	Powershuttle, 4 Wheel Drive	Powershuttle, 4 Wheel Drive	Powershuttle, 4 Wheel Drive	Hydrostatic, 4 Wheel Drive
	Max Travel Speed (km/hr)	16 mph (25.7)	16.8 mph (27.1)	16.8 mph (27.1)	10 mph (16)
	Selective Steering	2-Wheel, 4-Wheel, Crab	2-Wheel, 4-Wheel, Crab	2-Wheel, 4-Wheel, Crab	2-Wheel, 4-Wheel, Crab
	Service Brake	Multiple disc brakes, hydraulic front and rear axles	Multiple disc brakes, hydraulic front and rear axles	Multiple disc brakes, hydraulic front and rear axles	Multiple disc brakes, hydraulic front and rear axles
	Parking Brake	Automatic & Manual	Automatic & Manual	Automatic & Manual	Automatic & Manual
HYDRAULIC SYSTEM	Pump Type	Dual Gear	Dual Gear	Dual Gear	Dual Gear
	Total Capacity (L/min)	45 gpm (170)	45 gpm (170)	45 gpm (170)	45 gpm (170)
	System Pressure (bar)	3916 psi (270)	3916 psi (270)	3916 psi (270)	3916 psi (270)
GENERAL SPECIFICATIONS	A. Front Wheel Center to Carriage (m)	6'2" (1.90)	6'8" (2.04)	6'8" (2.04)	6'8" (2.04)
	B. Wheelbase (m)	10'0" (3.07)	10'0" (3.07)	10'0" (3.07)	10'0" (3.07)
	C. Rear Wheel Center to Rear Face (m)	3'9" (1.16)	3'9" (1.16)	3'9" (1.16)	3'9" (1.16)
	D. Length - Without Forks (m)	20'2" (6.13)	20'7" (6.27)	20'7" (6.27)	20'7" (6.27)
	E. Ground Clearance (mm)	14.4" (367)	16.5" (420)	16.5" (420)	16.5" (420)
	F. Overall Width of Cab (m)	35" (0.89)	35" (0.89)	35" (0.89)	35" (0.89)
	H. Overall Width (to Outside of Tires) (m)	7'9" (2.37)	7'11" (2.42)	7'11" (2.42)	7'11" (2.42)
	I. Overall Width (Stabilizers Lowered) (m)	12'6" (3.79)	12'6" (3.79)	12'6" (3.79)	12'6" (3.79)
	J. Overall Height (m)	8'1" (2.45)	8'3" (2.51)	8'3" (2.51)	8'3" (2.51)
	Approximate Weight (kg)	23,931 lbs. (10,855)	25,794 lbs. (11,700)	27,337 lbs. (12,400)	24,912 lbs. (11,300)
	Outside Turning Radius (m)	13'1" (3.99)	13'2" (4.01)	13'2" (4.01)	13'2" (4.01)
	Standard Tires	400/80-24	440/80-24	440/80-24	440/80-24
	Drawbar Pull (daN)	24,055 lb/f (10,700)	23,155 lb/f (10,300)	23,155 lb/f (10,300)	16,411 lb/f (7,300)

DIMENSIONS REFERENCE DIAGRAMS





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Tel: 262-334-9461 • Fax: 262-338-7517 • www.manitou.com

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