

MTA 12055 SERIES III



KEY FEATURES

- > 12,000 lbs. (5444 kg) maximum lift capacity
- > 55'5" (16.9 m) maximum lift height
- > 5,500 lbs. (3629 kg) lift capacity to 55'5" (16.9 m)
- > 120 hp (89 kW) Cummins diesel engine
- > High capacity combined with high lift and great forward reach
- > Simple F·N·R joystick operation
- > Front outriggers standard
- > Foam filled tires standard





MTA 12055 SERIES III



CONSTRUCTION telescopic handler

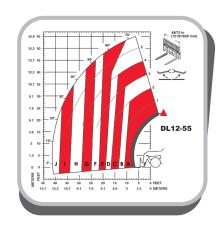
SPECIFICATIONS

•	PEC		
	CAPACITIES	Lift Capacity (kg)	12,000 lbs. (5444)
		Maximum Lift Height (m)	55'5" (16.9)
		Capacity at Maximum Lift Height (kg)	5,500 lbs. (2495)*
		Maximum Forward Reach (m)	40'9"" (12.2)
		Capacity at Max. Forward Reach (kg)	2,000 lbs. (908)*
		Max. Reach Below Grade (mm)	2'10" (864)
		Manufacturer	Cummins
	ш	Power (kW)	120 hp (89)
	NGINE	Aspiration	Turbocharged
	Ē	Model	QSF 3.8 Tier IV
		Rated Speed	2500 rpm
	COMPONENTS	Transmission	Dana 4-speed Powershift
		Maximum Travel Speed (km/hr)	22.8 mph (36.7)
		Selective Steering	4-wheel 2-wheel Crab
		Hydraulically Actuated Brakes	Internal Wet-Disc Brakes
		Parking Brake	SAHR on Front Axle
L		Axle Manufacturer	Dana
	ပ	Axle Manufacturer Pump Type	Dana Open-Center, Dual-Section
	AULIC		
	YDRAULIC SYSTEM	Pump Type	Open-Center, Dual-Section
	HYDRAULIC SYSTEM	Pump Type Pump Flow (L/min)	Open-Center, Dual-Section 43 gpm (162.8)
	HYDRAULIC SYSTEM	Pump Type Pump Flow (L/min) System Pressure (bar)	Open-Center, Dual-Section 43 gpm (162.8) 3,000 psi (207)
	NS HYDRAULIC SYSTEM	Pump Type Pump Flow (L/min) System Pressure (bar) Hydraulic Tank Capacity (L)	Open-Center, Dual-Section 43 gpm (162.8) 3,000 psi (207) 41 gal (155)
	ATIONS HYDRAULIC SYSTEM	Pump Type Pump Flow (L/min) System Pressure (bar) Hydraulic Tank Capacity (L) Approximate Weight (kg)	Open-Center, Dual-Section 43 gpm (162.8) 3,000 psi (207) 41 gal (155) 31,840 lbs. (14442)
	HYDRAULIC SYSTEM	Pump Type Pump Flow (L/min) System Pressure (bar) Hydraulic Tank Capacity (L) Approximate Weight (kg) Length – Less Forks (m)	Open-Center, Dual-Section 43 gpm (162.8) 3,000 psi (207) 41 gal (155) 31,840 lbs. (14442) 20'9" (6.4)
	SYSTEM SYSTEM	Pump Type Pump Flow (L/min) System Pressure (bar) Hydraulic Tank Capacity (L) Approximate Weight (kg) Length – Less Forks (m) Width (m)	Open-Center, Dual-Section 43 gpm (162.8) 3,000 psi (207) 41 gal (155) 31,840 lbs. (14442) 20'9" (6.4) 8'3" (2.5)
	AL SPECIFICATIONS SYSTEM	Pump Type Pump Flow (L/min) System Pressure (bar) Hydraulic Tank Capacity (L) Approximate Weight (kg) Length – Less Forks (m) Width (m) Ground Clearance (mm)	Open-Center, Dual-Section 43 gpm (162.8) 3,000 psi (207) 41 gal (155) 31,840 lbs. (14442) 20'9" (6.4) 8'3" (2.5) 16" (406)
	ENERAL SPECIFICATIONS SYSTEM	Pump Type Pump Flow (L/min) System Pressure (bar) Hydraulic Tank Capacity (L) Approximate Weight (kg) Length – Less Forks (m) Width (m) Ground Clearance (mm) Wheelbase (m)	Open-Center, Dual-Section 43 gpm (162.8) 3,000 psi (207) 41 gal (155) 31,840 lbs. (14442) 20'9" (6.4) 8'3" (2.5) 16" (406) 10'8" (3.3)
	GENERAL SPECIFICATIONS SYSTEM	Pump Type Pump Flow (L/min) System Pressure (bar) Hydraulic Tank Capacity (L) Approximate Weight (kg) Length – Less Forks (m) Width (m) Ground Clearance (mm) Wheelbase (m) Turning Radius (m)	Open-Center, Dual-Section 43 gpm (162.8) 3,000 psi (207) 41 gal (155) 31,840 lbs. (14442) 20'9" (6.4) 8'3" (2.5) 16" (406) 10'8" (3.3) 12'2" (3.7)
	GENERAL SPECIFICATIONS SYSTEM	Pump Type Pump Flow (L/min) System Pressure (bar) Hydraulic Tank Capacity (L) Approximate Weight (kg) Length – Less Forks (m) Width (m) Ground Clearance (mm) Wheelbase (m) Turning Radius (m) Overall Height (m)	Open-Center, Dual-Section 43 gpm (162.8) 3,000 psi (207) 41 gal (155) 31,840 lbs. (14442) 20'9" (6.4) 8'3" (2.5) 16" (406) 10'8" (3.3) 12'2" (3.7) 8'6" (2.6)
	GEN	Pump Type Pump Flow (L/min) System Pressure (bar) Hydraulic Tank Capacity (L) Approximate Weight (kg) Length – Less Forks (m) Width (m) Ground Clearance (mm) Wheelbase (m) Turning Radius (m) Overall Height (m) Frame Leveling	Open-Center, Dual-Section 43 gpm (162.8) 3,000 psi (207) 41 gal (155) 31,840 lbs. (14442) 20'9" (6.4) 8'3" (2.5) 16" (406) 10'8" (3.3) 12'2" (3.7) 8'6" (2.6) ±10°
	TIRE GENERAL SPECIFICATIONS SYSTEM SYSTEM	Pump Type Pump Flow (L/min) System Pressure (bar) Hydraulic Tank Capacity (L) Approximate Weight (kg) Length – Less Forks (m) Width (m) Ground Clearance (mm) Wheelbase (m) Turning Radius (m) Overall Height (m) Frame Leveling Fuel Capacity (L)	Open-Center, Dual-Section 43 gpm (162.8) 3,000 psi (207) 41 gal (155) 31,840 lbs. (14442) 20'9" (6.4) 8'3" (2.5) 16" (406) 10'8" (3.3) 12'2" (3.7) 8'6" (2.6) ±10°

*with outriggers down

LOAD CHART

Load chart based on a 24" (610 mm) load center per ANSI/ITSDF B56.6



OUTRIGGERS UP

- ▲ 12,000 lbs. (5444 kg)
- A 10,000 lbs. (4536 kg)
- **B** 8,000 lbs. (3629 kg)
- **C** 6,000 lbs. (2722 kg)
- D 5,000 lbs. (2268 kg)
- **E** 4,000 lbs. (1814 kg)
- = 4,000 lbs. (1014 kg)
- **F** 3,000 lbs. (1361 kg)
- **G** 2,000 lbs. (907 kg)
- **H** 1,000 lbs. (454 kg)
- 500 lbs. (227 kg)
- **J** 250 lbs. (113 kg)



OUTRIGGERS DOWN

- ▲ 12,000 lbs. (5444 kg)
- A 10,000 lbs. (4536 kg)
- **B** 8,000 lbs. (3629 kg)
- C 6,000 lbs. (2722 kg)
- **D** 5,500 lbs. (2495 kg)
- **E** 5,000 lbs. (2268 kg)
- **F** 4,000 lbs. (1814 kg)
- **G** 3,000 lbs. (1361 kg)
- **H** 2,000 lbs. (907 kg)



MANITOU NORTH AMERICA, LLC

PO Box 179 • West Bend, WI 53095

Tel: 262-334-9461 • www.manitou.com