

**TORO.**

## CONCRETE, MASONRY & COMPACTION EQUIPMENT





# CONCRETE MIXERS

## PERFORMANCE, QUALITY AND VALUE.



Toro's broad line of concrete mixers offers a model for every application, from the portable electric models, like the CM-250E, to the CM-1258Y, a heavy-duty 12 cu. ft. diesel model. Toro concrete mixers offer standard features that equate to deluxe performance. From top to bottom, quality and value are built into every component.

- Towable mixers feature a convenient hand wheel to provide greater operator control and the ability to lock the drum in any position for easy mixing and storing.
- Oversized steel paddles mean fast, complete mixing and long-lasting durability. And – heavy-duty elements such as the roller bearings, cowl components, and the one-piece cast iron ring gear ensure maximum strength and longevity.
- A reinforced front post that adds strength to the wider axle design for more comfortable towing.



### CONCRETE MIXERS SPECIFICATIONS

	CM-250E (68001 & 68003)	CM-658H (68004)	CM-958H & CM-958H END DUMP (68006, 68009) & (68007, 68008)	CM-1258Y-SD (68011)
Batch Capacity* - Bags	1/4	1/2 - 1	1 - 1 1/2	1 1/2 - 2
Batch Capacity - Volume	2 cu. ft. (.056 m <sup>3</sup> )	6 cu. ft. (.17 m <sup>3</sup> )	9 cu. ft. (.25 m <sup>3</sup> )	12 cu. ft. (.34 m <sup>3</sup> )
Total Drum Volume	3.5 cu. ft. (.1 m <sup>3</sup> )	9.0 cu. ft. (.25 m <sup>3</sup> )	15.1 cu. ft. (.43 m <sup>3</sup> )	19.8 cu. ft. (.56 m <sup>3</sup> )
Engine	3/4 HP Electric 120V	Honda® GX240	Honda GX240	Yanmar® L100V Diesel
Drum Options	Plastic	Steel Side Dump	Steel or Plastic, Side Dump or End Dump)	Steel Side Dump
Drive	Direct Drive	Belt Drive	Belt Drive	Chain Drive
Wheels, Bearings & Axle	Wheel barrow or Wheel barrow - pedestal combination available	4.8 x 12 (20" diameter) high speed tires, tapered roller bearings, 46" wide axle)	B78 x 13 (25" diameter) high speed tires, tapered roller bearings, 56" Axle/Cantilever Springs	B78 x 13 (25" diameter) high speed tires, tapered roller bearings, 56" Axle/Cantilever Springs
Dimensions (L x W x H)	50" x 24.5" x 52" (127 x 62 x 132 cm)	84" x 56" x 65" (213 x 142 x 132 cm)	Side Dump: 84" x 56" x 65" (213 x 142 x 165 cm) End dump: 85" x 85" x 71" (216 x 216 x 180 cm)	95" x 56" x 70" (241 x 142 x 178 cm)
Weight	96 lbs. (44 kg)	690 lbs. (313 kg)	800-875 lbs. (363-397 kg)	897 lbs. (407 kg)
Accessories**	N/A	Side dump mixers: Stamped ball, forged ball, and pintle hitch options. Trailer Light Kit. End dump mixers: 1" pin hitch, stamped ball, and pintle hitch options.		

\*Batch capacity varies based on ration of material used.

\*\*Towable mixers for Canada are sold with trailer lights installed as standard.

# SUPERIOR MIXING PERFORMANCE.

Toro mortar mixers are built for light, medium, and heavy-duty jobs with durable construction, an easy-to-clean design, and easy maintenance. These quality mixers are available in 6, 8, and 12 cubic foot drum sizes and are built for superior mixing performance.

- Patented, exclusive features, like quadruple bearings and seals which feature a lifetime warranty, ensure your mixer runs trouble-free for years.
- A design built for easy operation with a drum latch that can be operated with a knee while the operator's hands are busy dumping and a heavy-duty lift away guard that automatically opens as the mix is discharged.

## MORTAR MIXERS



### MORTAR MIXERS SPECIFICATIONS

	MM-12511H-S (68024)
Batch Capacity* - Bags	3 - 4
Batch Capacity* - Volume	12 cu. ft. (.34 m³)
Total Drum Volume	14.8 cu. ft. (.42 m³)
Engine	Honda GX340
Drum Options	Steel
Drive & Clutch	Totally enclosed gear drive & clutch
Wheels, Bearings & Axle	B78 x 13 (25" (64 cm) diameter) High-Speed tires, Tapered Roller Bearings, 46" (117 cm) Axle Extendible, Safety Chain
Dimensions (L x W x H)	81" x 50" x 59" (205 x 142 x 152 cm)
Weight	1,120 lbs. (508 kg)
Accessories**	Three choices of tow pole hitches (stamped ball, forged ball, and pintle). Trailer light kit.

\*Batch capacity varies based on ration of material used.  
\*\*Towable mixers for Canada are sold with trailer lights installed as standard.



# ULTRAMIX™ MORTAR MIXERS



MMX-650E-S



MMX-655H-S



MMX-850E-S



MMX-858H-S



## THE ULTIMATE MIXING PERFORMANCE.

Toro's all-new UltraMix lineup is the ultimate in mixing performance. Together, the symmetrical drum design and patented paddle configuration provide more paddle and drum contact with the mortar for a faster, more blended mix. Models are built for light, medium and heavy-duty jobs available in 6 and 8 cubic foot batch capacity mixers. Available in steel and polyethylene drums.

- Symmetrical drum design eliminates dead zone and increases mortar and drum contact for a more thorough, faster mix.
- Reinforced paddle rubber has two layers of fabric woven for added strength to reduce tearing and extend paddle life for maximum durability.
- Patented paddle design is extremely efficient and increases paddle to mortar contact for smoother mix.
- Patented, exclusive features, like quadruple bearings and seals which feature a lifetime warranty, ensure your mixer runs trouble-free for years.
- The engine cab features an open design to allow the operator easy access to start the engine without the need to lift the hood. The cowl venting design provides better air flow to cool the engine during use.



### ULTRAMIX MORTAR MIXERS SPECIFICATIONS

	MMX-650E-S (60212)	MMX-655H-S & MMX-658H-S (60213, 60216)	MMX-658K-P (60217)	MMX-850E-S (60218, 60219)	MMX-858H-S (68220)	MMX-858K-P (60221)
Batch Capacity* - Volume	6 cu. ft. (.17 m <sup>3</sup> )	6 cu. ft. (.17 m <sup>3</sup> )	6 cu. ft. (.17 m <sup>3</sup> )	8 cu. ft. (.23 m <sup>3</sup> )	8 cu. ft. (.23 m <sup>3</sup> )	8 cu. ft. (.23 m <sup>3</sup> )
Total Drum Volume	7.1 cu. ft. (.20 m <sup>3</sup> )	7.1 cu. ft. (.20 m <sup>3</sup> )	6.7 cu. ft. (.19 m <sup>3</sup> )	9 cu. ft. (.25 m <sup>3</sup> )	9 cu. ft. (.25 m <sup>3</sup> )	8.6 cu. ft. (.25 m <sup>3</sup> )
Engine	1.5 HP Electric 120V-230V	Honda® GX 160 or Honda GX240	Kohler® 9.5HP (gross)	1.5 or 2.0 HP Electric 115V-230V	Honda GX240	Kohler® 9.5HP (gross)
Drum Options	0.12" (3 mm) Thick High-Strength Steel	0.12" (3 mm) Thick High-Strength Steel	0.5" Polyethylene	0.12" (3 mm) Thick High-Strength Steel	0.12" (3 mm) Thick High-Strength Steel	0.5" Polyethylene
Drive & Clutches	Double Belt drive, front post hand clutch			Double Belt drive, front post hand clutch		
Wheels, Bearings & Axle	4.80 x 12 (20" (51 cm) diameter) High-Speed tires, Tapered Roller Bearings, 46" (117 cm) Axle Extendible, Safety Chain			B78 x 13 (25" (64 cm) diameter) High-Speed tires, Tapered Roller Bearings, 46" (117 cm) Axle Extendible, Safety Chain		
Dimensions (L x W x H)	59" x 34" x 54" (150 x 86 x 137 cm)	59" x 34" x 54" (150 x 86 x 137 cm)	59" x 34" x 54" (150 x 86 x 137 cm)	66" x 34" x 54" (168 x 86 x 137 cm)	66" x 34" x 54" (168 x 86 x 137 cm)	66" x 34" x 54" (168 x 86 x 137 cm)
Weight	634 lbs (287 kg)	599 lbs (271 kg), 621 lbs (282 kg)	552 lbs (250 kg)	649 lbs (294 kg), 658 lbs (298 kg)	636 lbs (288 kg)	560 lbs (254 kg)
Accessories**	Three choices of tow pole hitches (stamped ball, forged ball, and pintle). Trailer light kit.					

\*Batch capacity varies based on ration of material used.

\*\*Towable mixers for Canada are sold with trailer lights installed as standard.

Images shown above are model 60220, actual products will vary.

# TROWELS



## PROVEN PERFORMERS.

Loaded with features, the Toro power trowels are proven performers. With smooth operation and superior finishing, these trowels provide a professional, fast finish for concrete slabs, large and small.

- Patented Dyna-Clutch® safety feature standard on all models stops blade rotation without shutting off the engine to make it easier to adjust before engaging the blades for safety and control.
- Patented Pro-Pitch™ blade adjustment system (optional) provides quick, smooth pitch changes to finely tune your equipment for your job's needs.
- Assembled and balanced from the factory, so you're ready to run with no extra time needed for setup or handle installation.



PT-46

PT-36

PT-36 PP



PT-46-PP

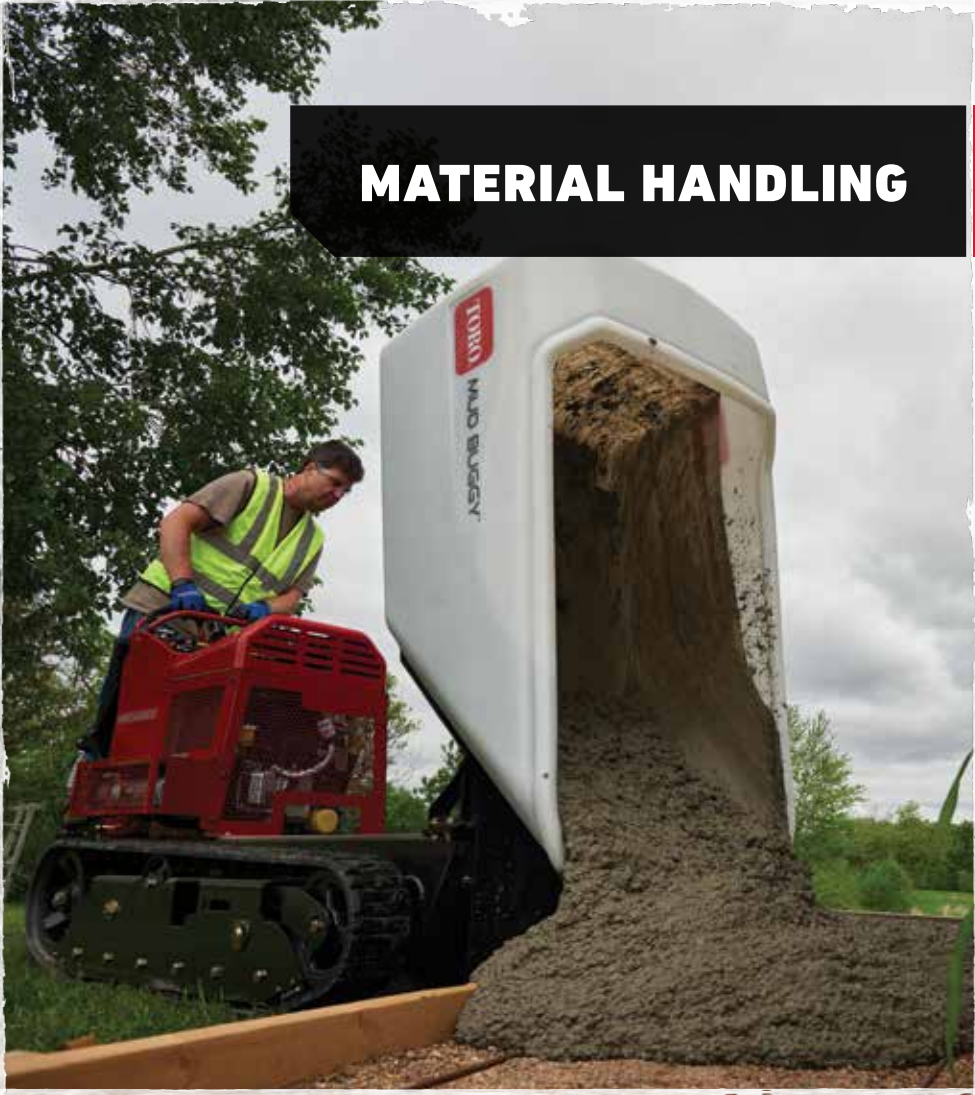
### TROWELS SPECIFICATIONS

	PT-36 & PT-36PP (68048 & 68049)	PT-46 & PT-46PP (68050 & 68051)
Engine	Honda® GX160	Honda GX240
Weight	225 lbs. (102 kg)	245 lbs. (111 kg)
Trowel Diameter	36" (91.5 cm)	46" (116 cm)
Blades	4 - combination	4 - combination
Combination Blade Size	8" x 14" (20.3 x 35.6 cm)	8" x 18" (20.3 x 45.7 cm)
RPMS	50 - 130 (0.8 - 2.1 Hz)	50 - 130 (0.8 - 2.1 Hz)
Safety Shutoff	Dyna-Clutch™ - Standard	Dyna-Clutch™ - Standard
Optional Feature	Pro-Pitch™ blade adjustment	Pro-Pitch™ blade adjustment
Standard Features Include:	Adjustable handle, locking T-handle throttle, rotating stabilizing ring, stationary guard, lifting eye, oil sight gauge, cushioned hand grips, shipped assembled.	



# VERSATILE AND PRODUCTIVITY.

- The popular Toro Mud Buggy™ and the innovative Toro Tracked Mud Buggy™ bring power, versatility and productivity to any jobsite. Use them to transport and pour wet concrete, haul materials, clean up job sites and much more. The compact size and maneuverability make it easy to dump material in tough to reach areas.
- Handlebar mounted forward and reverse speed controls are comfortably located and easy to use (68038)
  - Dual-action dump pedal means there is no need to remove hands from handlebars to discharge material (68038)
  - Foam-filled tires keep you running on tough terrain and decrease downtime (68038)
  - Patented quick-disconnect tires can be removed for easy doorway or fence access (68038)
  - Fully hydraulic dump system makes unloading smooth and effortless (68038, 68138)
  - 2,500 lbs carrying capacity withstands the performance demands of the rental market (68038, 68138)
  - Contoured tub design includes back splash to prevent concrete from spilling (68038, 68138)
  - Heavy-duty polyethylene tub is easy to clean (68038, 68138)
  - Kevlar® reinforced tracks lead to superior traction over slopes and various terrain (68138)
  - Differentiated traction controls improve the overall operator experience, enhances maneuverability and ensures easy positioning of the product (68138)
  - Unique, easy-to-use dump switch is designed to ensure dump control is always positioned near the operator's right thumb (68138)
  - Auto-Return dump feature allows the tub to return to full rest, so the operator can focus on the next load (68138)



## MATERIAL HANDLING



### MUD BUGGY SPECIFICATIONS

	MB-1600 MUD BUGGY (68038)	MB TX 2500 TRACKED MUD BUGGY (68138)
Capacity	16 cu. ft. (0.45 m³)	16 cu. ft. (0.45 m³)
Maximum Load Capacity	2,500 lbs. (1,133.9 kg) with double wheel 1,875 lbs. (850.4 kg) with single wheel	2,500 lbs. (1,133.9 kg)
Length	105.5" (267.9 cm)	105.5" (267.9 cm)
Width	46" (114.3 cm) with double wheel 33.75" (85.7 cm) with single wheel	35.5" (90.2 cm)
Height	45" (114.3 cm)	47.7" (121.2 cm))
Weight	1,370 lbs. (621.4 kg)	1,640 lbs (744 kg)
Engine	Honda® GX390	25hp Kohler® Confidant
Maximum Speed	7 mph (11.3 km/hr)	6 mph (9.7 km/hr) forward 3 mph (4.8 km/hr) reverse
Fuel Tank	7 Gallons (26.5 L)	10 Gallons (30.3 L)
Discharge Height	6.5" (116.8 cm)	12.75" (32.39 cm)
Tires/Tracks	Quick-Disconnect, Foam-Filled	Kevlar® Reinforced
Tub Material	Polyethylene	Polyethylene
Dumping System	Hydraulic	Hydraulic



## REVERSIBLE PLATES





Superior performance and easy service define Toro's compaction line. Designed to deliver maximum impact force without excessive weight, they're built to last with precision components for maximum durability.

REVERSIBLE PLATES / FORWARD PLATES / RAMMERS

## SUPERIOR COMPACTION. POWERFUL. HARD-HITTING.

Toro's exclusive line of reversible plates offers superior compaction in any direction. These hardhitting, powerful compaction machines are designed for projects where maneuverability and high compaction is important.

- With a variety of models, these units are ideal for compacting sand, asphalt, gravel, and mixed soils in a variety of job site applications.
- Easy-to-reach, centrally located operating controls including forward and reverse handle and engine throttle.
- In confined spaces such as narrow trenches or along foundations, walls, and abutments, these plates are highly maneuverable to keep you productive.
- With three gas and two diesel models ranging in force from 4,900 to 14,000 lbs. (2,222.6 to 6,350.3 kg), our line-up has a reversible plate for any job size.

RP-1200



RP-500



RP-700



RP-1200D



RP-1400D



### REVERSIBLE PLATES SPECIFICATIONS

	<b>RP-500</b> (68071)	<b>RP-700</b> (68072)	<b>RP-1200</b> (68073)	<b>RP-1200D</b> (68074)	<b>RP-1400D</b> (68075)
Weight	264 lbs. (120 kg)	463 lbs. (210 kg)	727 lbs. (330 kg)	771 lbs. (350 kg)	1,014 lbs. (460 kg)
Base (L x W)	15.75" x 25" (40 x 63.5 cm)	20" x 30" (51 x 76 cm)	24" x 34" (61 x 86 cm)	24" x 34" (61 x 86 cm)	30" x 35" (76 x 89 cm)
Engine	Honda® GX160	Honda GX200	Honda GX270	Hatz® 1B 30 Diesel	Hatz 1B 50 Diesel with Electric Start
Centrifugal Force	4,946 lbs. (2,243 kg)	7,194 lbs. (3,263 kg)	11,691 lbs. (5,302 kg)	11,691 lbs. (5,302 kg)	14,164 lbs. (6,425 kg)
Vibration Frequency	6,000 VPM (100 Hz)	5,400 VPM (90 Hz)	4,500 VPM (75 Hz)	4,500 VPM (75 Hz)	4,200 VPM (70 Hz)
Maximum Speed - Forward (Reverse)	78 ft./min (24 m/min)	72 ft./min (22 m/min)	72 ft./min (22 m/min)	72 ft./min (22 m/min)	65 ft./min (20 m/min)
Maximum Depth of Compaction	13.5" (35 cm)	17.5" (45 cm)	23.5" (60 cm)	23.5" (60 cm)	31.5" (80 cm)
Maximum Climbing Ability	30%	30%	30%	30%	30%

## FORWARD PLATES



## LONG-LASTING DESIGN. EASY TO OPERATE.

Toro's line of forward plates offer easy operation, long lasting design and part quality, and great travel speed and compaction for operating on dirt, sand, gravel, and paving stones.

- Patented one-piece, carbon-steel base plate houses the heavyduty eccentric bearings in an oversized oil reservoir for cooler running and longer life.
- Travel up to 100 feet per minute to cover more ground.
- Eccentric housing is integral part of the base plate to provide minimal loss of vibration and deliver superior compaction.
- Polyethylene, removable water tank and patented sprinkler system are standard.



FP-4000



FP-2200



FP-3000

### FORWARD PLATES SPECIFICATIONS

	FP-2200 (68025)	FP-3000 (68026)	FP-4000 (68027)
Engine	Honda® GX120	Honda GX160	Honda GX160
Plate Size (W x L)	13" x 21" (33 x 53 cm)	20" x 24" (51 x 61 cm)	20" x 24" (51 x 61 cm)
Eccentric Force	2,200 lbs. (9.8 kN)	3,000 lbs. (15.6 kN)	4,000 lbs. (17.8 kN)
Maximum Productivity	6,500 sq. ft./hr (604 sq. m/hr)	10,000 sq. ft./hr (929 sq. m/hr)	10,000 sq. ft./hr (929 sq. m/hr)
Maximum Lift	12" (30.5 cm)	12" (30.5 cm)	12" (30.5 cm)
Maximum Travel Speed	100 ft./min (30.5 m/min)	100 ft./min (30.5 m/min)	100 ft./min (30.5 m/min)
Vibration Frequency	6,100 VPM (102 Hz)	6,000 VPM (100 Hz)	5,200 VPM (87 Hz)
Weight	140 lbs. (64 kg)	205 lbs. (93 kg)	215 lbs. (98 kg)
Water System	Removable Water Tank Standard	Removable Water Tank Standard	Removable Water Tank Standard
Water Tank Capacity	7.5 qt (7.1 L)	13 qt (12.3 L)	13 qt (12.3 L)
Applications	Smaller jobs, trenches, granular soil, backfill, asphalt	Granular soil, backfill, asphalt	Mixed soil, granular soil, backfill, asphalt
Optional Accessories	Polyurethane paver mat kit	Polyurethane paver mat kit, wheel kit	Polyurethane paver mat kit, wheel kit



# SMOOTH RUNNING. EASY TO OPERATE.

With three sizes to cover light, medium, and heavy-duty applications, no matter what size job you need to tackle, there's a lightweight, smooth running and easy to operate Toro rammer to match your needs.

- Designed for ease of use with a low center of gravity, easy-to-reach ergonomic throttle control, padded handle, and superior rubber shock mountings for comfortable operation and reduced fatigue.
- Innovative air filtration system is specially designed with reusable high capacity filter elements to provide optimum air flow to the engine, reduce contamination and extend engine life.



## RAMMERS

### SPECIFICATIONS

	VR-2650 (68034)	VR-3100 (68035)	VR-3500 (68036)
Engine	Honda® GX100	Honda GX100	Honda GX120
Weight	132 lbs. (60 kg)	144 lbs. (65 kg)	154 lbs. (70 kg)
Dimensions (L x W x H)	30.6" x 13.5" x 42" (78 cm x 34 cm x 107 cm)	29.7" x 14.9" x 42" (75 cm x 38 cm x 107 cm)	33.8" x 16.4" x 44" (86 cm x 42 cm x 112 cm)
Shoe Size	10" x 13" (25 x 33 cm)	11" x 13" (28 x 33 cm)	11" x 13" (28 x 33 cm)
Fuel Capacity	3 qt (2.8 L)	3 qt (2.8 L)	3 qt (2.8 L)
Carburetor	Diaphragm	Diaphragm	Floating
Impact Force	2,650 lbs. (1,205 kg)	3,100 lbs. (1,409 kg)	3,500 lbs. (1,591 kg)
Maximum Blows/Min	727 (12 Hz)	690 (12 Hz)	655 lbs. (11Hz)
Maximum Productivity	3,500 sq. ft./hour (325 sq.m/hour)	3,575 sq. ft./hour (332 sq.m/hour)	3,575 sq. ft./hour (332 sq.m/hour)
Maxi. Forward Travel Speed	60 - 70 ft./min (18.3 - 21.3 m/min)	60 - 70 ft./min (18.3 - 21.3 m/min)	60 - 70 ft./min (18.3 - 21.3 m/min)
Maximum Lift	22" - 25" (56 - 64 cm)	22" - 25" (56 - 64 cm)	22" - 25" (56 - 64 cm)
Maximum Amplitude	2.5" (6.4 cm)	Up to 3" (7.6 cm)	Up to 4" (10.2 cm)



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