

	GrandStand™ Compact Stand-On Mowers	GrandStand Full-Size Stand-On Mowers	Z Master® G3 Performance Zero-Turn Riders	Z Master G3 High-Performance Zero-Turn Riders
POWER SYSTEM				
Commercial Engine	18 hp Kawasaki®	20 hp Kawasaki 24 hp Kawasaki 25 hp Kawasaki	23 hp Kohler® Command 25 hp Kohler Command 27 hp Kohler Command Pro	24 hp Kawasaki 27 hp Kawasaki 29 hp Kawasaki 29 hp Kohler EFI 34 hp Kawasaki
Starter	Electric	Electric	Electric	Electric
Heavy-Duty Canister Air Cleaner	—	—	Optional on 23 and 25 hp Standard on 27 hp	Standard
Drive Tires	18" x 8.5" - 8" (36") 18" x 9.5" - 8" (40")	20" X 10" - 8"	23" x 9.5" - 12" (48", 52") 24" x 12" - 12" (60")	23" x 9.5" - 12" (48", 52") 24" x 12" - 12" (60", 72")
Tread Pattern	Turf Master®	Turf Master	Turf Master	Multi Trac®
Caster Tires	11" x 4" - 5" Flat-Free Semi-Pneumatic	11" X 4" - 5" Flat-Free Semi-Pneumatic	13" X 5" - 6" (48") 13" X 6.5" - 6" (52", 60") Flat-Free Semi-Pneumatic	13" X 5" - 6" (48") 13" X 6.5" - 6" (52", 60", 72") Flat-Free Semi-Pneumatic
Fuel/Capacity	Gas/7.8 gal	Gas/7.8 gal (48", 52") Gas/12 gal (60")	Gas/12 gal	Gas/12 gal
Digital Hour Meter	Standard	Standard	Standard	Standard
Fuel Gauge	Standard	Standard	Standard	Standard
Hydraulic Drive System	Independent Pumps & Wheel Motors	Independent Pumps & Wheel Motors	Unitized Pumps & Wheel Motors	Unitized Pumps & Wheel Motors
Pump	10cc/rev	10cc/rev	12cc/rev (shock valves on 60")	12cc/rev (48", 52") 16cc/rev (60", 72")
Wheel Motor	12 cir	12 cir	14.6 cir	14.6 cir (48", 52") 17.1 cir (60", 72")
Maximum Forward Speed	8 mph	8 mph	10 mph	10 mph (12cc); 11.5 mph (16cc)
Clutch	Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
MOWING DECKS				
Available Deck Widths	36" 40"	48" 52" 60"	48" 52" 60"	48" 52" 60" 72"
Cutting Deck	TURBO FORCE®	TURBO FORCE	TURBO FORCE	TURBO FORCE
Bull-nose Bumper	Standard	Standard	Standard	Standard
Adjustable Discharge Baffle	Standard	Standard, tools-free	Standard	Standard, tools-free
Rubber Discharge Chute	Standard	Standard	Standard	Standard
Deck Lift Design	Compression Spring	Extension Spring	Extension Spring	Extension Spring
Spindle Housings	9 3/8" diameter cast iron	9 3/8" diameter cast iron	9 3/8" diameter cast iron	9 3/8" diameter cast iron
1" Heavy-Duty Spindle Shaft	Standard	Standard	Standard	Standard
Spindle Bearings (Greaseable)	Ball Bearings ¹	Ball Bearings	Ball Bearings	Tapered Roller Bearings
Cutting Height	1.0" - 5.0"	1.0" - 5.0"	1.0" - 5.5"	1.0" - 5.5"
Blades	1/4" heat-treated steel	1/4" heat-treated steel	1/4" heat-treated steel	1/4" heat-treated steel
Blade Tip Speed	18,500+ ft/min	18,500+ ft/min	18,500+ ft/min	18,500+ ft/min
Belt Construction	Aramid Fiber V-Belt	Aramid Fiber V-Belt	Aramid Fiber V-Belt	Aramid Fiber V-Belt
Anti-Scalp Rollers	—	—	3 standard, 1 optional (48")	3 standard, 1 optional (48")
Anti-Scalp Rollers	—	—	3 standard, 2 optional (52")	3 standard, 2 optional (52")
Anti-Scalp Rollers	—	4 standard (60")	4 standard, 2 optional (60")	4 standard, 2 optional (60") 6 standard (72")
Carrier Frame Construction	3" X 1.5" X 12 gauge	3" X 1.5" X 12 gauge	3" X 1.5" X 12 gauge	3" X 1.5" X 12 gauge
FEATURES				
Steering Controls	Twin Lever w/ Variable Speed Control	Twin Lever w/ Variable Speed Control	1-5/8" diameter grips adjustable, dampened	1-5/8" diameter grips adjustable, dampened
Operator Seat	Foldable Operator Platform w/ Operator Platform Suspension	Foldable Operator Platform w/ Operator Platform Suspension	Two-Tone Bolstered w/ 3-D Isolation	Two-Tone Bolstered w/ 3-D Isolation
Arm Rests	—	—	Standard	Standard
Seat Suspension System	—	—	Optional	Optional
Folding ROPS	—	—	Standard	Standard
Storage Compartment	—	—	Standard	Standard
Foot Pedal Deck Lift	—	—	Standard	Standard
Z Stand	—	—	Optional	Optional
Floor Pan	—	—	Pierced, extruded tread No-tools deck access	Pierced, extruded tread No-tools deck access

¹ 36" and 40" GrandStand spindles contain maintenance-free sealed bearings.

	Z Master Z580-D Diesel-Powered Zero-Turn Riders	Z Master Z590-D Diesel-Powered Zero-Turn Riders	Z Master Z400 Compact Zero-Turn Riders	Z Master Z500 Full-Size Zero-Turn Riders
POWER SYSTEM				
Commercial Engine	25 hp Kubota® Diesel	27 hp Daihatsu® Diesel	21 hp Kawasaki	27 hp Kohler
Starter	Electric	Electric	Electric	Electric
Heavy-Duty Canister Air Cleaner	Standard	Standard	Standard	Standard
Drive Tires	23" x 9.5" – 12" (52") 24" x 12" – 12" (60", 72")	26" x 12" – 12"	23" x 9.5" – 12"	23" x 9.5" – 12" (52") 24" x 12" – 12" (60", 72")
Tires	Turf Master	Multi Trac	Turf Master	Turf Master
Caster Tires	13" X 6.5" – 6" Flat-Free Semi-Pneumatic	13" X 6.5" – 6" Flat-Free Semi-Pneumatic	13" X 5" – 6" Pneumatic	13" X 6.5" – 6" Pneumatic
Fuel/Capacity	Diesel/12 gal	Diesel/12 gal	Gas/10 gal	Gas/12 gal
Digital Hour Meter	Standard	Standard	Standard	Standard
Hydraulic Drive System	Independent Pumps & Wheel Motors	Independent Pumps & Wheel Motors	Independent Pumps & Wheel Motors	Independent Pumps & Wheel Motors
Pump	16cc/rev w/system check relief and oil cooler	21cc/rev w/system check relief and oil cooler	10cc/rev	10cc/rev (52") 12cc/rev (60", 72")
Wheel Motor	18.9 cir motor	17.1 cir motor	15.1 cir motor	14.5 cir motor
Maximum Forward Speed	11.2 mph	12 mph	8.5 mph	8.5 mph (52") 10 mph (60", 72")
Clutch	Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
MOWING DECKS				
Available Deck Widths	52" 60" 72"	60" 72"	48" 52"	52" 60" 72"
Cutting Deck	TURBO FORCE	TURBO FORCE	TURBO FORCE	TURBO FORCE
Bull-nose Bumper	Standard	Standard	Standard	Standard
Adjustable Discharge Baffle	Standard, tools-free	Standard, tools-free	Standard	Standard
Rubber Discharge Chute	Standard	Standard	Standard	Standard
Deck Lift Design	Compression Spring	Compression Spring	Compression Spring	Compression Spring
Spindle Housings	9 3/8" diameter cast iron	9 3/8" diameter cast iron	9 3/8" diameter cast iron	9 3/8" diameter cast iron
1" Heavy-Duty Spindle Shaft	Standard	Standard	Standard	Standard
Spindle Bearings (Greaseable)	Tapered Roller Bearings	Tapered Roller Bearings	Ball Bearings	Ball Bearings
Cutting Height	1.5" – 5.0"	1.5" – 5.0"	1.5" – 4.5"	1.5" – 5.0"
Blades	1/4" heat-treated steel	1/4" heat-treated steel	1/4" heat-treated steel	1/4" heat-treated steel
Blade Tip Speed	18,500+ ft/min	18,500+ ft/min	18,500+ ft/min	18,500+ ft/min
Belt Construction	Aramid Fiber V-Belt	Aramid Fiber V-Belt	Aramid Fiber V-Belt	Aramid Fiber V-Belt
Anti-Scalp Rollers	5 standard (52") 6 standard (60", 72")	6 standard	3 standard, 1 optional (48") 3 standard, 2 optional (52")	3 standard, 2 optional (52") 4 standard, 2 optional (60") 6 Standard (72")
Frame Construction	2" x 2" x 3/16" steel	2" x 2" x 3/16" steel	2" x 2" x 3/16" steel	2" x 2" x 3/16" steel
FEATURES				
Steering Controls	1-5/8" diameter grips adjustable, dampened	1-5/8" diameter grips adjustable, dampened	1-5/8" diameter grips adjustable, dampened	1-5/8" diameter grips adjustable, dampened
Operator Seat	Two-Tone Bolstered	Deluxe Suspension	Two-Tone Bolstered	Two-Tone Bolstered
Arm Rests	Standard	Standard	Standard	Standard
Seat Suspension System	Optional	Standard	Optional	Optional
Folding ROPS	Standard	Standard	Standard	Standard
Storage Compartment	Standard	Standard	—	Standard
Foot Pedal Deck Lift	Standard	Standard	Standard	Standard
Z Stand	Optional	Standard	Optional	Optional
Floor Pan	Pierced, extruded tread No-tools deck access	Pierced, extruded tread No-tools deck access	Pierced, extruded tread No-tools deck access	Pierced, extruded tread No-tools deck access

The gross horsepower of these gasoline engines was laboratory rated by the engine manufacturer in accordance with SAE J1940. As configured to meet safety, emission and operating requirements, the actual engine horsepower on these mowers will be significantly lower.

490-8067 ©2010 The Toro Company. All Rights Reserved.

We reserve the right to improve our products and make changes in the specifications, designs and standard equipment without notice and without incurring obligation. Products depicted in this brochure are for demonstration purposes only. Actual products offered for sale may vary in design, features, required attachments and safety features. See your dealer for details on all warranties.

Safety begins with a thorough understanding of the equipment. Always make sure you and all operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals.