

The Gravelly System Pro Series

The Time Cutters



The Gravelly System Concept

The Gravelly Grounds Care System permits you to mow, collect grass, remove thatch, till, sweep, cultivate, plow, doze, haul and remove snow. The Gravelly System includes two- and four-wheel tractors, the Pro Series of out-front cutters and special purpose mowers, plus over 20 attachments specially constructed to give you professional results.

A New Dimension in Work Efficiency

The Gravelly Pro Series is a System of power units, out-front mowers, and optional attachments that feature maximum maneuverability, easy operation, low maintenance and long life. Pro Series is designed to give you efficient performance and a low cost per inch of cut. Stop by your Gravelly Dealer and arrange for a demonstration.

THE GRAVELY SYSTEM

Pro Master

Big jobs are small work for the Pro Master. These out-front mowers are designed for operating efficiency and to save you time on the really big jobs.

1. The all-gear transmission, coupled directly to the engine maximizes power efficiency.
2. Instant forward/reverse gear-shift makes for fast, trouble-free maneuverability.
3. The unit's low center of gravity and unique design transfers weight to the drive wheels. This allows the mower to follow ground contours, ride over curbs, and reduces possible

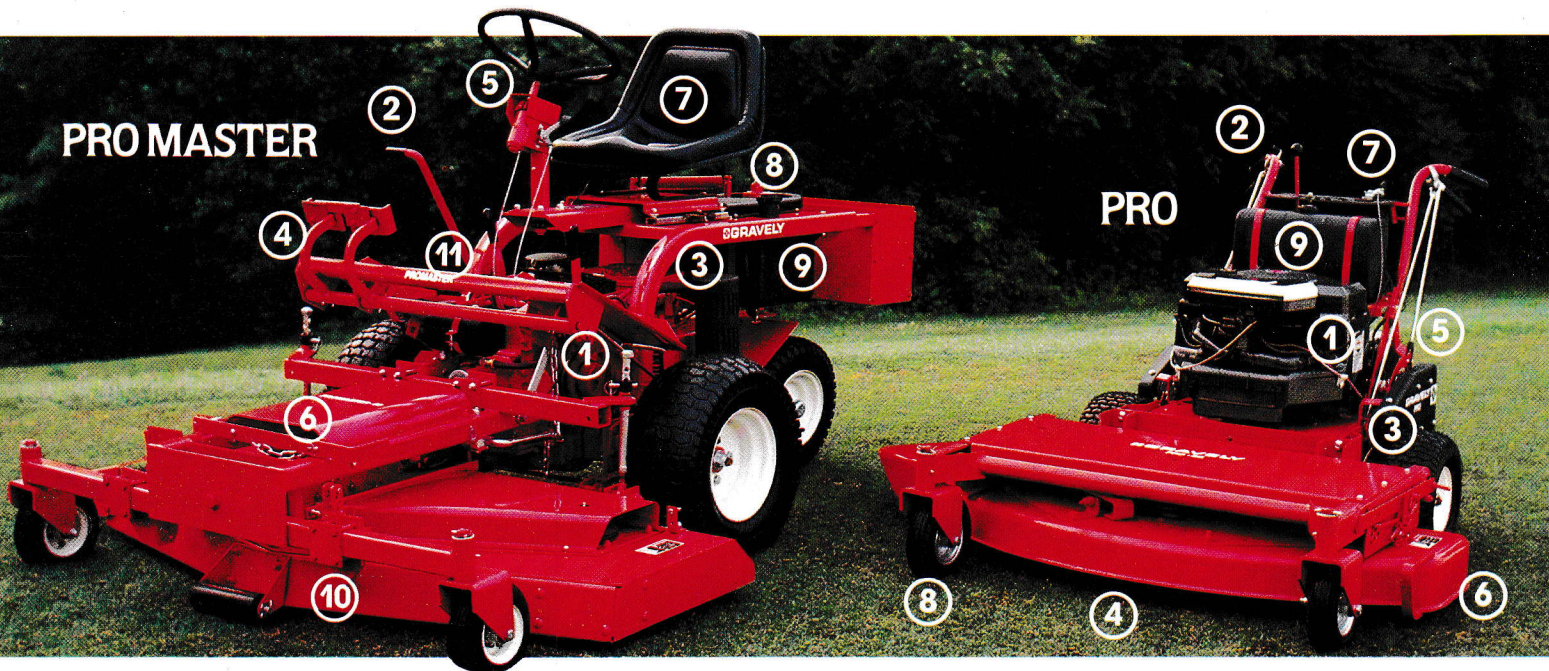
damage to the mower and caster wheels.

4. Individual wheel brakes permit zero degree inside turning radius.*
5. All-gear and roller chain steering with a comfortable, soft-touch steering wheel makes for easy control. The specially positioned high back seat allows an unobstructed view of the mower and the area to be mowed.
6. The mower is shaft and gear driven for effective operation.
7. An interlock system prevents engine starts with the mower or transmission engaged. A seat switch shuts off the engine when the operator leaves the seat.

8. The maintenance free battery gives fast, easy starts.
9. Big 5.1 gallon (19.3 l) gas tank means fewer fuel stops.
10. Out-front cutting produces a smooth, quality cut with excellent trimming capabilities.
11. Optional winch or hydraulic lift available on Pro Master-60.*

Time-Saving Options. A 16-bushel Vac system grass catcher is available that dumps from the seat and is easily attached or removed. Another popular option for the Pro Master-50 is an easy on/off Power Brush for hard surface maintenance such as brushing away snow, clearing debris, or grass clippings.

*Available on certain models.



Pro The Pro out-front, special purpose mowers feature maneuverability, versatility, and a low cost per inch of cut. The Pros are built of heavy-gauge steel, equipped with rugged Peerless transmissions, and powered by reliable commercial engines.

1. Five-speed, all-gear transmission provides a speed range for different mowing conditions.
2. Instant forward/reverse makes problem areas easier to mow.

3. Double-idler wheel drive prevents downhill freewheeling.
4. Wide wheel spacing gives more stability on hills.
5. An interlock system prevents engine from being started with either mower or transmission engaged. Reverse control must be continuously engaged for operation.
6. Deck height is easily adjustable in 1/4" (0.64 cm) increments.
7. Electric PTO clutch eliminates

mower belt declutching and prevents rapid belt wear.*

8. Large caster wheels increase maneuverability.
9. Big 3-gallon (11.4 l) gas tank means long running time between fuel stops.

Optional Extras. An available caster wheel sulky reduces operator fatigue. Large capacity grass catchers can be ordered for use with these mowers.

*11 hp models equipped with manual clutch.



Pro Master with 60" (152 cm) Mower, 19 hp Kohler engine.



Optional Power Brush for cleanup and snow removal.



Pro Master rides easily over curbs.



Loaded weight box increases stability and steering traction.



Pro with 50" (127 cm) Mower.



Pro with 50" (127 cm) Mower and optional metal, dump grass catcher.



Pro with 40" (102 cm) Mower and optional wire basket grass catcher.



Pro Master demonstrates zero inside turning radius.



Optional grass catcher dumps from seat.



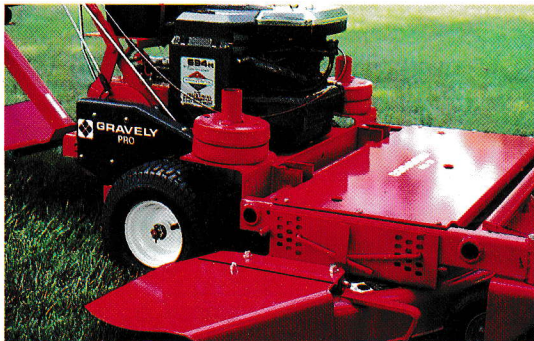
Unique hinged frame provides added traction on hills.



Pro with 60" (152 cm) Mower, 18 hp Briggs & Stratton engine, optional riding sulky.



Pro with 40" (102 cm) Mower, wide-spaced wheels provide hillside stability.



Weight kit delivers more traction.

Specifications

Pro Master Power Units

ENGINE: Kohler K341, four-cycle, single-cylinder, 16 hp @ 3600 RPM, (governed @ 3300 RPM), 35.90 cu in (588.2 cc) displacement, cast iron, air-cooled, L-head, automatic compression release.

Air Cleaner: Dry paper element with Pre-Cleaner.

Fuel System: Automotive-type, diaphragm fuel pump.

Fuel Capacity: 5.1 U.S. gal (19.3 l).

Starting System: Gear drive 12-volt electric, key ignition with safety interlock.

Lubrication: Splash.

Oil Capacity: (Engine) 2 qt (1.9 l), (Transmission) 6.5 qt (6.15 l).

Transmission: All-gear planetary transaxle with fully enclosed PTO.

Attachment PTO: All-gear drive.

Lift: Manual.

Speeds: 4-speed: Four forward and four reverse or 2-speed: Two forward and two reverse.

Speed Range: (4-speed) MPH/(KMPH) Forward: 1st - 1.7 mph (2.7 km), **2nd** - 2.2 mph (3.5 km), **3rd** - 3.4 mph (5.5 km), **4th** - 4.5 mph (7.2 km).

Reverse: 1st - 1.5 mph (2.4 km), **2nd** - 2.0 mph (3.4 km), **3rd** - 3.0 mph (4.8 km), **4th** - 4.0 mph (6.4 km).

Speed Range: (2-speed) MPH/(KMPH) Forward: 1st - 2.2 mph (3.5 km), **2nd** - 4.5 mph (7.2 km). **Reverse: 1st** - 2.0 mph (3.4 km), **2nd** - 4.0 mph (6.4 km).

Tires: Lawn & Garden Tread. Front - 20x10x10. Rear - 16x4.80x8.

Weight: 990 lb (449 kg including mower). (Approximate)

Dimensions: 88" L (223 cm) x 62" W (157 cm at mower) x 50" H (127 cm), 44.6" (113 cm) wide at wheels.

ENGINE: Kohler KT-19, four-cycle, twin-cylinder, 19 hp @ 3600 RPM, (governed @ 3300 RPM), 46.98 cu in (769.8 cc) displacement, removable cast iron cylinder barrels, air-cooled, L-head, automatic compression release.

ENGINE: Kohler KT-17, four-cycle, twin cylinder, 17 hp @ 3600 RPM, (governed @ 3300 RPM), 42.18 cu in (691.3 cc) displacement, removable cast iron cylinder barrels, air-cooled, L-head, automatic compression release.

Air Cleaner: Dry paper element with Pre-Cleaner.

Fuel System: Automotive-type, diaphragm fuel pump.

Fuel Capacity: 5.1 U.S. gal (19.3 l).

Starting System: Gear drive 12-volt, 15 amp electric key ignition with safety interlock.

Lubrication: Full pressure positive lubrication of main and connecting rod bearings with fixed displacement automotive-type pump.

Oil Capacity: (Engine) 1.50 qt (1.4 l), (Transmission) 6 qt (5.7 l).

Transmission: Sliding spur gear with external forward/reverse friction clutches.

Attachment PTO: All-gear drive.

Lift: Optional hand operated winch or hydraulic.

Speeds: 4-speed: Four forward and four reverse.

Speed Range: MPH/(KMPH) Forward: 1st - 2.2 mph (3.5 km), **2nd** - 3.3 mph (5.3 km), **3rd** - 5.0 mph (8.0 km), **4th** - 7.7 mph (11.3 km).

Reverse: 1st - 1.0 mph (1.6 km), **2nd** - 1.5 mph (2.4 km), **3rd** - 2.2 mph (3.5 km), **4th** - 3.3 mph (5.3 km).

Tires: Lawn & Garden Tread. Front: 20x10x10. Rear: 16x4.80x8.

Weight: 1300 lb (590 kg including mower).

Dimensions: 89" L (226 cm) x 71.5" W (181.6 cm at mower) x 53" H (135 cm), 48" (122 cm) wide at wheels.

MOWER DECK & FRAME

	50" (127 cm)	60" (152 cm)
Cutting Hts:	1" (2.5 cm) to 4½" (11.4 cm) in ½" (1.3 cm) increments.	1" (2.5 cm) to 4½" (11.4 cm) in ½" (1.3 cm) increments.
Gauge:	12 Ga.	10 Ga.
Blades:	Three: 17" (43 cm) long; 0.2" (0.5 cm) thick high-lift.	Three: 20.5" (52.6 cm) long; 0.2" (0.5 cm) thick high-lift.
Spindle Assemblies:	1" (2.5 cm) diameter shaft on tapered roller bearings in cast iron spindle housing.	1" (2.5 cm) diameter shaft on tapered roller bearings in cast iron spindle housing.
Discharge:	Right side.	Right side.
Drive:	50" (127 cm) mower drive for 17 hp & 19 hp Kohler power unit: Universal joint shaft, die cast aluminum alloy. Right angle bevel gearbox (1:1 ratio) and single A-section V-belt to spindles. 50" (127 cm) mower drive for 16 hp Kohler power unit: Universal joint shaft, die cast aluminum alloy. Right angle gearbox with tapered roller bearings and single V-belt to spindles.	Universal joint shaft, right angle, cast iron bevel gearbox (1:1 ratio) and "B" & "A" section belt.
Dimensions:	Width: 62" (157 cm). Width of Cut: 50" (127 cm). Overall Height: 16" (40 cm). Overall Length: 38.5" (98 cm). Overall Weight: 263 lb (119 kg).	Width: 71.5" (182 cm). Width of Cut: 60" (152 cm). Overall Height: 13" (33 cm). Overall Length: 30.3" (77 cm). (without anti-scalp rollers). Overall Weight: 470 lb (213.19 kg).

Pro Power Units

ENGINE: 11 hp Briggs & Stratton, 11 hp @ 3600 RPM (governed @ 3300 RPM), 24.36 cu in (400 cc) displacement, I/C, 4-cycle, vertical crankshaft.

Air Cleaner: Dual stage, dry element.

Fuel System: Gravity feed.

Fuel Capacity: 12 qt (11.4 l).

Lubrication: Splash system.

Oil Capacity: Engine: 3 pt (1.4 l) SAE 30, 10W-30 or 10W-40. Transmission: 12 oz (0.35 l) Molybdenum Disulfide E.P. Lithium Grease.

Starting System: Manual recoil.

Transmission: Peerless, 5 speeds forward, 1 reverse.

Speed Range: MPH/(KMPH) Forward: 1st - 1.14 mph (1.8 km), **2nd** - 1.77 mph (2.8 km), **3rd** - 2.66 mph (4.3 km), **4th** - 3.38 mph (5.4 km), **5th** - 4.00 mph (6.4 km). **Reverse:** 1.33 mph (2.1 km).

PTO Attachment: Split-sheave, belt-activated clutch.

ENGINE: 11 hp Honda GV400, 11 hp @ 3600 RPM (governed @ 3300 RPM), 24.80 cu in (406 cc) displacement, 4-stroke, single-cylinder, air cooled.

Air Cleaner: Dual stage, dry element.

Fuel System: Gravity feed.

Fuel Capacity: 12 qt (11.4 l).

Lubrication System: Trochoid oil pump.

Oil Capacity: Engine: 3 pt (1.4 l) SAE 30, 10W-30 or 10W-40. Transmission: 12 oz (0.35 l) Molybdenum Disulfide E.P. Lithium Grease.

Starting System: Manual recoil.

Transmission: Peerless 5 speeds forward, 1 reverse.

Speed Range: MPH/(KMPH) Forward: 1st - 1.14 mph (1.8 km), **2nd** - 1.77 mph (2.8 km), **3rd** - 2.66 mph (4.3 km), **4th** - 3.38 mph (5.4 km), **5th** - 4.00 mph (6.4 km). **Reverse:** 1.33 mph (2.1 km).

PTO Attachment: Split-sheave, belt-activated clutch.

ENGINE: 16 hp Briggs & Stratton, 16 hp @ 3600 RPM (governed @ 3300 RPM), 40.00 cu in (656 cc) displacement, I/C, 4-cycle, twin-cylinder, vertical crankshaft.

Air Cleaner: Dual stage, dry element, and oiled foam.

Fuel System: Fuel pump.

Fuel Capacity: 12 qt (11.4 l).

Lubrication: Splash system.

Oil Capacity: Engine: 3 pt (1.4 l) SAE 30, 10W-30 or 10W-40. Transmission: 12 oz (0.35 l) Molybdenum Disulfide E.P. Lithium Grease.

Starting System: Electric with alternator dual tri-circuit charging system.

Transmission: Peerless 5 speeds forward, 1 reverse.

Speed Range: MPH/(KMPH) Forward: 1st - 1.14 mph (1.8 km), **2nd** - 1.77 mph (2.8 km), **3rd** - 2.66 mph (4.3 km), **4th** - 3.38 mph (5.4 km), **5th** - 4.00 mph (6.4 km). **Reverse:** 1.33 mph (2.1 km).

PTO Attachment: Electric.

ENGINE: 18 hp Briggs & Stratton, 18 hp @ 3600 RPM (governed @ 3300 RPM), 42.33 cu in (694 cc) displacement, I/C, 4-cycle, twin-cylinder, vertical crankshaft.

Air Cleaner: Dual stage, dry element, and oiled foam.

Fuel System: Fuel pump.

Fuel Capacity: 12 qt (11.4 l).

Lubrication: Splash system.

Oil Capacity: Engine: 3 pt (1.4 l) SAE 30, 10W-30 or 10W-40. Transmission: 12 oz (0.35 l) Molybdenum Disulfide E.P. Lithium Grease.

Starting System: Electric with alternator dual tri-circuit charging system.

Transmission: Peerless 5 speeds forward, 1 reverse.

Speed Range: MPH/(KMPH) Forward: 1st - 1.14 mph (1.8 km), **2nd** - 1.77 mph (2.8 km), **3rd** - 2.66 mph (4.3 km), **4th** - 3.38 mph (5.4 km), **5th** - 4.00 mph (6.4 km). **Reverse:** 1.33 mph (2.1 km).

PTO Attachment: Electric.

MOWER DECK & FRAME

	40" (102 cm)	50" (127 cm)
Cutting Hts.	1" (2.5 cm) to 4" (10 cm) in ¼" (0.64 cm) increments.	1" (2.5 cm) to 4" (10 cm) in ¼" (0.64 cm) increments.
Gauge:	10 Ga.	12 Ga.
Blades:	Two: 20.5" (52 cm) long.	Three: 17.0" (43 cm) long.
Spindle Assemblies:	Tapered roller bearings.	Tapered roller bearings.
Discharge:	Rear left side.	Right side.
Drive:	"A" section belt.	"A" section belt.
Dimensions:	Width: 42.0" (107 cm) Width of Cut: 40" (102 cm) Overall Height: (Frame) 12" (30.5 cm)	Width: 62" (157 cm) Width of Cut: 50" (127 cm) Overall Height: (Frame) 12" (30.5 cm)

Recommended Applications Chart for Gravely Pro Series

Pro Master/50" (127 cm) Mower

POWER UNIT

16 hp Kohler, 4-cycle, electric start

RECOMMENDED FOR:

MAINTAINED FESCUE & BLUEGRASS LAWNS, LIGHT TO HEAVY GRASS & WEEDS, FLORIDA & GULF STATE GRASSES, WHEN GRASS CATCHING IS REQUIRED.

Pro Master/50" (127 cm) or 60" (152 cm) Mower

POWER UNIT

17 hp Kohler, 4-cycle, electric start

RECOMMENDED FOR:

MAINTAINED FESCUE & BLUEGRASS LAWNS, LIGHT TO MEDIUM GRASS & WEEDS, WHEN GRASS CATCHING IS REQUIRED.

19 hp Kohler, 4-cycle, electric start

MAINTAINED FESCUE & BLUEGRASS LAWNS, LIGHT TO HEAVY GRASS & WEEDS, FLORIDA & GULF STATE GRASSES, WHEN GRASS CATCHING IS REQUIRED.

Pro/40" (102 cm) Mower

POWER UNIT

11 hp Briggs & Stratton, 4-cycle, manual start

RECOMMENDED FOR:

MAINTAINED FESCUE & BLUEGRASS LAWNS, LIGHT TO MEDIUM GRASS & WEEDS, WHEN GRASS CATCHING IS REQUIRED.

11 hp Honda, 4-cycle, manual start

MAINTAINED FESCUE & BLUEGRASS LAWNS, LIGHT TO HEAVY GRASS & WEEDS, FLORIDA & GULF STATE GRASSES, WHEN GRASS CATCHING IS REQUIRED.

16 hp Briggs & Stratton, 4-cycle, electric start

MAINTAINED FESCUE & BLUEGRASS LAWNS, LIGHT TO HEAVY GRASS & WEEDS, FLORIDA & GULF STATE GRASSES, WHEN GRASS CATCHING IS REQUIRED.

18 hp Briggs & Stratton, 4-cycle, electric start

MAINTAINED FESCUE & BLUEGRASS LAWNS, LIGHT TO HEAVY GRASS & WEEDS, FLORIDA & GULF STATE GRASSES, WHEN GRASS CATCHING IS REQUIRED.

Pro/50" (127 cm) Mower

POWER UNIT

11 hp Briggs & Stratton, 4-cycle, manual start

RECOMMENDED FOR:

MAINTAINED FESCUE & BLUEGRASS LAWNS, LIGHT TO MEDIUM GRASS & WEEDS, WHEN GRASS CATCHING IS REQUIRED.

11 hp Honda, 4-cycle, manual start

MAINTAINED FESCUE & BLUEGRASS LAWNS, LIGHT TO HEAVY GRASS & WEEDS, WHEN GRASS CATCHING IS REQUIRED.

16 hp Briggs & Stratton, 4-cycle, electric start

MAINTAINED FESCUE & BLUEGRASS LAWNS, LIGHT TO HEAVY GRASS & WEEDS, FLORIDA & GULF STATE GRASSES, WHEN GRASS CATCHING IS REQUIRED.

18 hp Briggs & Stratton, 4-cycle, electric start

MAINTAINED FESCUE & BLUEGRASS LAWNS, LIGHT TO HEAVY GRASS & WEEDS, FLORIDA & GULF STATE GRASSES, WHEN GRASS CATCHING IS REQUIRED.

Gravely Pricer:

Gravely Time Cutter Model _____
 Mowers, Attachments, and Kits _____
 Optional Equipment _____
 Subtotal _____
 Less Trade-In _____
 Subtotal _____
 Plus Tax _____
 Total Cash Price _____
 Down Payment _____
 Payments _____ Per Month For _____ Months

DEALER

Gravely Limited Warranty

Gravely International, Inc. issues a Limited Warranty on all new Gravely equipment. Details are available on request.

To continue its program of quality and design improvement, the manufacturer reserves the right to change specifications, designs, and prices without notice and without incurring obligation.

THE GRAVELY SYSTEM

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