

2017 STEINER PRODUCT CATALOG

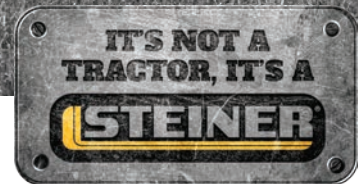
**IT'S NOT A
TRACTOR, IT'S A**

STEINER®

ONE STEINER **INFINITE POSSIBILITIES**



In the early 1970s the first Steiner® tractor was handcrafted with the same features that make it a legend today – four-wheel drive, an articulated frame and proven, heavy-duty components for durability.



Steiner tractors are known for their uncompromising performance and versatility. With a wide range of attachments, owning a Steiner gives you unlimited four-season capabilities to take on the toughest jobs. Whether you're maintaining a farm, commercial or residential property, municipal grounds, schools, universities or golf courses, Steiner tractors deliver regardless of conditions and terrain.

While the 440 and 235 tractors are proven performers, Steiner introduces the new 450 tractor in 2017. The new Steiner 450 tractor is the most refined, powerful and versatile machine of its kind, ever. Hydraulically controlled weight transfer and traction boost allows you to easily and quickly adjust its balance for unprecedented stability on slopes, even with heavy attachments. Plus, with dual hydraulic pumps, you don't have to worry about losing power while attachments are in motion. Unique with unmatched performance, the new Steiner 450 tractor performs where other tractors can't.

Steiner 440 tractors continue to get the job done with excellent stability, maneuverability and traction. With over two-dozen available attachments, an oscillating and articulating frame, and ground-gripping four-wheel drive, the 440 is a workhorse for any task. The Steiner 235 front-wheel-drive tractor also delivers excellent traction, agility and the power you need to get the job done right and fast.

With this kind of power, stability and versatility, Steiner tractors give you the ability to do more with less — whatever, wherever, whenever.



COMMERCIAL / MUNICIPAL / SCHOOLS

Landscape contractors trust Steiner to help stretch their equipment budgets and expand their service offerings. Municipalities working under tight budgets get more done for less with Steiner tractors:

- Hassle-free mowing with side and rear discharge / mulching and rough cut mower decks
- Easily aerate lawns and till gardens and baseball infields
- Quickly clean sidewalks, driveways, and parking lots with sweepers, blowers, snow blowers and snow blades



SNOW

You won't find Steiner tractors hibernating in winter; they're working hard to improve your productivity year-round. With Steiner's full line of snow attachments, you can easily conquer any size storm:

- Blow heavy snow with our powerful snow blowers
- Sweep light snow away with our rotary sweepers
- Push piles aside with our power angle blades
- Carry snow away from parking and paved areas with our slip scoop
- Stay warm with our tractor cab (optional)



FARM / HOME

Owning a Steiner means more value for your money because of all you can accomplish with one machine. You name it and your Steiner tractor can do it:

- Mow tall fields
- Clean out stalls
- Mow lawns
- Clean up snow
- Till your garden
- Grind stumps
- Haul debris
- Blow away leaves / debris



GOLF

Steiner tractors have been at home on golf courses for over 30 years. Trusted for slope mowing, superintendents use Steiner tractors to mow roughs and green and tee surrounds. Steiner is also the go-to tractor for:

- Trenching
- Blowing off aeration cores
- Sweeping cart paths
- Moving dirt and sand
- Aerating
- Moving debris
- Stump grinding
- Mowing roughs and surrounds
- Snow removal

450

GO WHERE OTHERS WON'T.
DO WHAT OTHERS CAN'T.



450 TRACTOR

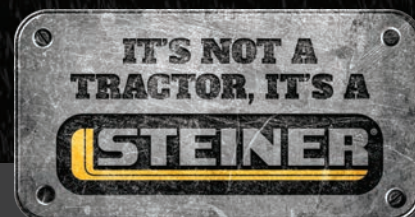
Calling the new Steiner® 450 a tractor is kind of like saying Mt. Everest is just a big hill. And speaking of hills, you'll feel like the king of them all with the 450's exceptional stability, hydraulic weight transfer, traction boost and dual hydraulic pumps. Throw in the industry-leading sight lines, handling and power, and you've got yourself a lot more than a tractor — you've got a Steiner.



450 MODEL NUMBERS:

75-75025 | 75-75032 | 75-75037

* Please reference the Product or Owner's Manual for Use Specifications. Slope ratings vary, based on tire and cab configurations.





With power, stability and weight transfer with traction boost, the Steiner® 450 gets work done in places where others can't go. Available dual-wheel sets provide added floatation, stability, and traction.



Improved hydraulics give the Steiner 450 more power to lift and transport heavy loads and makes the steering and foot controls easier and more comfortable to use.



From mowing grass to blowing leaves to throwing snow, the Steiner 450 is the year-round workhorse for every season.



9 inches of frame oscillation helps improve stability on side hills and keeps you more vertical in the seat for comfort and better control.

► **LEGENDARY CLIMBING AND MANEUVERABILITY**

The 450's articulating frame provides a tight turning radius of 43.5 inches for agile maneuverability in tight areas. The frame oscillates to keep you balanced and in control when side-mowing slopes. With a low center of gravity and 4-wheel drive, you get unmatched traction and stability for scaling slopes and berms.

► **EXCLUSIVE HYDRAULIC WEIGHT TRANSFER AND TRACTION BOOST SYSTEM**

The new, integrated hydraulic weight transfer and traction boost system provides additional traction and control when needed. It provides consistent weight transfer through the full range of lift arm travel with no secondary springs to adjust, and it is fully adjustable on demand.

► **A CHOICE OF POWERFUL ENGINES**

Choose from three reliable engines: a Kubota® 25-horsepower, liquid-cooled diesel; a Kubota® 32-horsepower, liquid-cooled gasoline; or a 37-horsepower Vanguard EFI™ gasoline engine.

► **IMPROVED HYDRAULICS**

A new stacked gear pump design dramatically increases durability and hydraulic performance and efficiency, with increased oil cooler capacity and reduced drive system pressure. Provides 1,750 PSI of steering and lift pressure for more hydraulic power to handle the toughest chores.

► **TOUGH AND POWERFUL TRANSAXLES**

Durable Peerless® 2600 dual-range transaxles are tough and powerful enough to handle the most rigorous tasks and terrain. You get plenty of torque for productive ground speeds up to 9.5 MPH in high gear and 6 MPH in low gear.

► **COMFORTABLE RIDE, EASY CONTROL**

The 450 features a large operator platform and conveniently located controls for easy operation. Improved hydraulic performance provides smooth, predictable steering and reduced foot-pedal force for easy, hands-free speed control. Ride in comfort with the new adjustable, high-back deluxe seat with armrests.

► **QUICK-HITCH™ SYSTEM**

Steiner's convenient and easy-to-use two-point Quick-Hitch™ System, with 50% stronger lift arms, makes switching attachments virtually effortless. In a few minutes and without tools required, you're on to the next task.

► **ATTACHMENT DRIVES**

An auxiliary hydraulic system with hydraulic quick-couplers helps you finish chores with our optional hydraulic attachments. A front-mounted Warner® 250 Series Commercial MagStop PTO clutch drives belt-driven attachments with power to spare.

► **USE ANYWHERE, ANYTIME**

Bright, efficient LED headlights and taillights provide plenty of light when needed. A 7-gallon, durable, roto-molded fuel tank keeps you going longer without stopping to refuel.

► **MORE STANDARD FEATURES**

A folding rollover protective structure; heavy-duty front and rear skid plates; an integral-frame rear weight bar; a heavy-duty rear-mounted 2-inch receiver hitch; and a 12-volt electrical outlet are all standard on the 450.

440

FOUR SEASONS, **ONE TRACTOR.**



440 TRACTOR

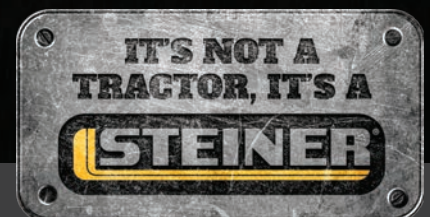
Built for heavy-duty versatility and reliability, the Steiner® 440 4-wheel drive tractor includes advanced, user-friendly features to help get the job done easily and efficiently.



440 MODEL NUMBERS:

75-72010 | 75-72011 | 75-72012 | 75-72013

* Please reference the Product or Owner's Manual for Use Specifications. Slope ratings vary, based on tire and cab configurations.





Maximize performance on the toughest jobs with a higher-power engine and hydraulic system, as well as increased strength in the front and rear axles.



Loosening soil for garden planting and lawn seeding has never been easier with the 440 and the 48-inch tiller attachment.



With its wide stance and low center of gravity, the 4WD 440 grips the terrain when tackling dense grassy weeds or overgrown brush and bramble with the newly designed rough cut mower.



A full compliment of snow removal attachments make the powerful 440 tractor hard to beat when clearing winter's fury from residential or commercial properties.

► **ARTICULATED STABILITY AND PERFORMANCE**

The 440's articulating and oscillating frame, low center of gravity and 4-wheel drive provide unmatched traction, maneuverability and power. Tackle steep and contoured terrain with easy confidence and security.

► **POWERFUL ENGINE CHOICES**

Choose between four of the industry's most powerful and reliable engines: a Kohler® 34-or 40-horsepower gasoline, air-cooled; a Kubota® 25-horsepower diesel; and a Kubota® 32-horsepower gasoline, liquid-cooled. The 440 provides more power with a 40-AMP alternator and 525-CCA battery.

► **SUPERIOR HYDRAULICS**

With two pumps, the 440 offers 60% more oil capacity and delivers 1500 PSI of lift pressure, so you have more available hydraulic power for steering and work.

► **STRONG FRONT AND REAR TRANSAXLES**

Newly redesigned transaxles are built to handle even the most rigorous tasks and terrain. Dual-range transaxles deliver 10 MPH in high and 5.25 MPH in low.

► **EASY TO USE ANYWHERE, ANYTIME**

The forward/reverse foot control provides hands-free speed control, 200-watt headlights provide 80% more illumination, and an 8-gallon fuel tank reduces the number of stops for refills. *Optional hand-operated speed control available.

► **COMFORTABLE RIDE, EASY STEERING**

With a large, vertically adjustable operator platform, conveniently located controls, standard radial seat springs, armrests, and more, working hard won't feel like it. *Optional suspension seat kit control available.

► **MORE STANDARD FEATURES**

A folding rollover protective structure, an integral-frame rear weight bar, and dual-range transaxles are just a few of the features that come standard on the 440.

► **QUICK-HITCH™ SYSTEM**

Steiner's proven two-point Quick-Hitch™ System makes switching attachments virtually effortless. No tools are required and, in just a few minutes, you can be on to your next task.

► **AUXILIARY HYDRAULICS**

Standard auxiliary hydraulic system helps you handle additional chores with our optional attachments.

235

CAPABLE, VERSATILE & EASY TO USE



235 TRACTOR

Known for its power and versatility, the Steiner® 235 front-wheel drive tractor delivers a hard-working punch.

235 MODEL NUMBER: 75-70282

**IT'S NOT A
TRACTOR, IT'S A**

STEINER



With full-float action, Steiner's optional side- and rear-discharge mowing decks mow smoothly over contours for a quality cut and less scalping. Our standard rear roller leaves your lawn with a fairway-finished look.



Equipped with the SB454 snow blower, the 235 removes snow quickly and easily. At 54 inches wide, it is stable and has excellent traction for clearing hilly walkways and paved areas.



Loosen soil down to a 6-inch depth for gardens and lawn seeding with our productive 48-inch wide tiller.



Sweep sand, grass clippings, and snow from paved areas with our two available rotary sweepers. Hydraulic controls let you angle the sweepers for efficient left- or right-side operation.

► **TRACTION-MAX™ WEIGHT TRANSFER SYSTEM**

Weight is transferred hydraulically to the front axle for added traction and stabilization when mowing hillsides. The weight transfer system also provides additional stability when using heavier attachments.

► **HYDROSTATIC FRONT-WHEEL DRIVE**

A powerful hydrostatic transmission with front-wheel drive and a low center of gravity gives the 235 plenty of grip and stability on slopes and in slippery conditions.

► **DIFFERENTIAL LOCK**

When needed, link the front drive wheels together with the differential lock for extra traction on slopes and ice-covered pavement.

► **COMPACT AGILITY AND EASY SPEED CONTROL**

At 56 inches wide and 82 inches long, the 235 has a forward/reverse foot control for easy maneuvering in and out of tight spots. High speed is infinitely variable up to 10 MPH, and low speed is variable up to 5 MPH.

► **POWER AND DURABILITY**

A powerful, liquid-cooled, 3-cylinder, 24.8 gross horsepower Kubota® diesel engine provides all the power you need to run attachments and handle tough, challenging conditions. A large-capacity Warner® 175 ft lb power take-off clutch stands up to the punishment of everyday use. A rollover protective structure comes standard on the 235.

► **OPTIONAL FRONT-MOUNTED ATTACHMENTS**

Choose from a variety of available front-mounted attachments for mowing, grounds maintenance, and snow removal. Optional accessories include cabs, sunshades, and more. All are easy to attach and service, and provide good visibility of the task at hand.

► **QUICK-HITCH™ SYSTEM**

Go from mowing to blowing or from sweeping to plowing snow with Steiner's standard two-point Quick-Hitch™ System. Let's you easily switch attachments in minutes, without tools.

► **AUXILIARY HYDRAULICS**

Standard auxiliary hydraulic system helps you handle additional chores with our optional attachments.

GET MORE DONE WITH

STEINER SITE PREPARATION & TURF MAINTENANCE ATTACHMENTS

There's not much you can't do with a Steiner® tractor and our broad range of site preparation and turf maintenance attachments. Mow lawns, cut tall weeds, till soil, aerate turf, and more.



Deck flips up for easy access to blades and underside.

ROUGH CUT MOWER

Tackles overgrown brush and bramble up to 1 1/2" in diameter. This newly designed mowing deck incorporates the latest in rough-cutting technology to remove thick, woody growth as well as dense grassy weeds. (450, 440)

MODEL 75-71300

Overall width: 73" (deck 76" with skids)
Cutting width: 72"
Cutting height: 3 3/4" to 6"
Drive shaft to PTO belt
Spindles: Cast iron, sealed ball bearings
Blades: 3 blades, 24"

Discharge: Rear
Skid shoes: 2 (2 optional caster wheels)
Weight: 430 lb
Available options: Caster wheel kit
Counter rotating blade kit



FLEX DECK FINISH CUT MOWER

Mow uneven turf and undulating terrain without scalping, and give level playing fields a smooth, professional cut with the Steiner flex deck attachment. Great around bunkers, tee boxes and pond banks, near fences and under trees. (450, 440)

MODEL 75-71305

Overall width: 82" (70" with trim side deck raised)
(94" with chute down)
Overall cutting width: 80"
Decks: 4 hinged, 20 degrees articulation
Trim side deck: 20" offset, hydraulic lift
Cutting height: 1 1/2" to 5"

Spindles: Cast iron, sealed ball bearings
Blades: 4 high-lift blades, 21"
Wheels: 5 front, 2 rear, 9 x 3.5 no flat, semi-pneumatic
Discharge: Side
Weight: 680 lb



Deck flips up for easy access to blades and underside.

SIDE-DISCHARGE ROTARY MOWERS

Three-blade, side-discharge rotary mowers feature tapered roller-bearing spindle assemblies. Full-floating decks reduce scalping. Single-lever height adjustment. High-velocity blade speeds and channeled rubber discharge chute provide even clipping distribution. Deck flips up more than 90 degrees for easy access to blades and underside. (450, 440, 235)

MODEL MD448

Overall width with discharge chute: 61"
Cutting width: 47"
Cutting height: 1" to 4 1/2"
Spindle drive: Single "V" belt
Spindles: Tapered roller assemblies
Blades: 3 blades, 16 1/4"
Discharge: Side
Wheels: 10 x 3.5 semi-pneumatic
Weight: 330 lb
Drive shaft to PTO belt

MODEL MD460

Overall width with discharge chute: 74"
Cutting width: 59 3/8"
Cutting height: 1" to 4 1/2"
Spindle drive: Single "V" belt
Spindles: Tapered roller assemblies
Blades: 3 blades, 20 1/2"
Discharge: Side
Wheels: 10 x 3.5 semi-pneumatic
Weight: 360 lb
Drive shaft to PTO belt

MODEL MD472

Overall width with discharge chute: 86"
Cutting width: 72"
Cutting height: 1" to 4"
Spindle drive: Single "V" belt
Spindles: Tapered roller assemblies
Blades: 3 blades, 24 3/4"
Discharge: Side
Wheels: 10 x 3.5 semi-pneumatic
Weight: 470 lb
Drive shaft to PTO belt



REAR-DISCHARGE / MULCHING ROTARY DECK

Go from rear-discharge to mulching deck by simply installing the separate blade and baffle option. Deck flips up more than 90 degrees for easy access to blades and underside. (450, 440, 235)

MODEL MX460

Overall width: 60 3/4"
Cutting width: 60"
Cutting height: 1 1/2" to 4"
Spindle drive: Single "V" belt
Drive shaft to PTO belt
Spindles: Tapered roller assemblies
Wheels: 10.25 x 3.25 semi-pneumatic
Blades: 3 blades, 20 3/4"
Weight: Rear discharge: 430 lb; Mulching option: 450 lb



TREE FARM MOWER

Take down grasses and weeds between rows with ease. The out-front design provides great visibility for two-sided trimming. (450 and 440 without fenders)

MODEL MC400

Overall width: 45 1/2"
Cutting width: 44"
Overall length: 79" including wheel shields
Cutting height: 2" to 5"
Spindle drive: Gearbox and 2 V-belts
Spindles: 1" ball bearings
Blades: 2 blades, 22 1/2"
Discharge: Rear
Weight: 272 lb
Drive shaft to PTO belt



CORE AERATOR

Aerate turf for better health with our easy-to-use core aerator. Independent 3/4-inch tine assemblies provide a 6 1/2-inch by 7-inch coring pattern. To aerate deeper, simply add more weight to the weight box. (450, 440, 235)

MODEL AR240

Overall width: 45 1/2"
Working width: 40 1/4"
Overall height: 28 1/2"
Overall length: 30"
Main shaft bearings: Greasable 1 1/2"
Tines: 6 per wheel, 3/4" core tines
Aerating wheels: 7 steel with bushings/ pressurized lubrication fitting
Aerating width: 42" actual; 48" effective
Aerating depth: Up to 3 1/2"
Aerating pattern: 6 1/2" x 7" (3.6 holes sq/ft)
Weight: 390 lb with 4 weights





SOIL TILLER

Till soil for planting beds to a depth of up to 6 inches. The 48-inch swath helps get the job done quickly. The durable chain-drive rotor is made with a solid 1 1/2-inch steel shaft and holds 24 cutting tines. (450, 440, 235)

MODEL TL348

Working width: 48"
Working depth: 6" maximum
Overall height: 26"
Overall width: 51"
Overall length: 38"

Tines: 24 replaceable, hardened
Drive: Chain drive from gearbox
Operation: Tractor in reverse motion
Bearings: Greaseable
Weight: 290 lb



TRENCHER

This tough trencher follows the trenching line with minimum effort. An easy-to-see depth indicator gauge makes it easy to adjust the depth of cut. (450, 440)

MODEL TH300

Overall width: 37"
Overall length: 5' 4"
Overall height: 34"
Auger diameter: 12"
Chain speed: 550 ft/minute

Drive shaft diameter: 1-1/2"
Cutting depth: 28"
Cutting width: 5-1/2" standard; 4-3/4" optional
Weight: 395 lb



SLIP SCOOP

Use the slip scoop for virtually any job that normally requires a wheelbarrow, easily moving, lifting, and hauling wet or dry materials. Also ideal for excavating small areas. (450, 440, 235)

MODELS SS244, SS248

Overall width: SS244 - 48"; SS248 - 52"
Overall height: 16"
Overall length: 33"
Width of bucket: SS244 - 44"; SS248 - 48"

Bucket capacity: SS244 - 3 1/4 cu. ft.; SS248 - 3 1/2 cu. ft.
Dumping: Hydraulic
Scarifier teeth: 6 - 1" wide (optional)
Weight: SS244 - 135 lb; SS248 - 170 lb



STUMP CUTTER

The durable 16-inch diameter cutter head is powered by a PTO belt driven off a right-angle gearbox for reliable performance. Hardened cutters grind both side-to-side and from the top down. (450, 440)

MODEL SC101

Overall width: 34 1/2"
Overall height: 18"
Overall length: 37"
Cutterhead: 24 hardened cutters

Cutter head diameter: 16"
Cutter head width: 3 1/4"
Cutter head speed: 1600 rpm
Cutting depth below ground level: 5"

Maximum recommended cutting height above ground level: 5"
Weight: 250 lb



POWER BLOWER

Clear debris from paved or grassy areas easily with this powerful, eight-blade blower fan, providing a windblast up to 150 MPH. (450, 440, 235)

MODEL PB100

Overall width: 33"	Fan diameter: 14"
Overall height: 18"	Fan width: 6"
Overall length: 24"	Fan speed: 4300 rpm @ 3600 rpm engine speed
Skid shoe: Fixed	Air flow: 3000 cfm at max rpm
Fan: 8-blade, welded	Weight: 95 lb



TURBINE BLOWER

The powerful axial-flow turbine-design blower runs quietly and produces wind speeds up to 114 MPH. The nozzle rotates hydraulically 360 degrees to blow debris in the safest, most efficient direction. A blower-mounted kickstand comes with the Quick-Hitch™ System to make attaching quick and easy. (450, 440, 235)

MODEL PB200

Overall width: 27"	Wind speed (deflected to front): 78 mph
Overall height: 33"	Sound level (while seated in operator seat): 91 dBA
Overall length: 67"	Weight: 235 lb
Airflow: 8000 cfm	Weight on caster: 195 lb
Wind speed: 114 mph	



ROTARY SWEEPERS

Efficiently remove dirt from sidewalks, driveways, and paved areas. Hydraulic controls angle the broom left and right to sweep the dirt where you want it. (450, 440, 235)

MODELS	RS350	RS454
Overall width:	61"	62"
Overall height:	18"	18"
Overall length:	44"	44"
Broom width:	54"	54"
Broom diameter:	16"	24"
Working width:	54"	54"
Hydraulic angling (left & right):	30°	30°
Speed of broom:	0-300 rpm	0-265 rpm
Gearbox:	Beveled gears	Beveled gears
Weight:	170 lb	475 lb
Broom rotation:	Forward and reverse	Forward and reverse



LAWN SWEEPER

Clean sweep your lawn of cuttings or fallen leaves. Packing action gets much more into the unit before you need to unload. Rear weight bar is recommended. (450, 440)

MODEL LS340

Overall width: 62"	Brush: 3-paddle staggered
Overall height: 52"	Depth wheels: Semi-pneumatic
Overall length: 82"	Hitch: Right, left or center pull
Width of pickup: 40"	Carrying capacity: 24 cu ft
	Weight: 530 lb



PUT SNOW IN ITS PLACE WITH **STEINER SNOW REMOVAL ATTACHMENTS**

Steiner® tractors have more than enough power to clear the heaviest snow from sidewalks, driveways, and lots. Steiner offers a variety of snow removal attachments that give you the power to blow it, sweep it, push it aside, or carry it away.



PROFESSIONAL SNOW BLOWER

Our new 48" Steiner SB648 professional snow blower is built to last and is our most efficient snow blower attachment yet. It clears the heaviest snow, in the toughest of conditions and faster than previous models. (450, 440)

MODEL SB648

Overall width	48" *	Auger speed	140 rpm
Overall length	44"	Blower speed	700 rpm
Opening size	27" high x 48" wide	Chute	Approximately 9" diameter, 243° rotation
Auger	16" diameter open center	Height of cut	Adjustable skid shoes, 0" to 3/4"
Blower	18" diameter 4 blade 7" depth	Weight	450 lb.
Width of cut	48" * 52" with optional extension wings	Optional accessories	Electric chute deflector, drift cutters, extension wings



SNOW BLOWERS

Snow blowers feature heavy-duty 10- and 12-gauge steel side panels and housings with double-layered 3/16-inch base, and a no-maintenance gearbox. Roller bearings and brass bushings support a high-RPM auger and 1100-RPM impeller. (450, 440, 235)

MODELS SB448, SB454

SB448: 48", two-stage snow blower for 450 and 440 tractors

SB454: 54", two-stage snow thrower for 450, 440 and 235 tractors

Opening size: 25" | Serrated Auger: 15"

Impeller: 4 blades, 14" with brass bushing on impeller fan shaft

Chute: Solid steel hydraulic chute with 237-degree rotation standard and optional electric chute deflection

Skid shoes: 2" adjustable heavy-duty skid shoes, 1/4" inch high carbon steel

Side panels: 10-gauge steel

Housing (Auger and Impeller): 12-gauge steel

Base: Double layered 3/16" steel base

Scraper bar: 2" reversible made of 3/16" high carbon steel

Hydraulic Chute Rotation: Hydraulic hose and quick-connect couplers standard

Ship Weight: SB448 - 270 lb; SB454 - 306 lb



ROTARY SWEEPERS

Efficiently remove light snow from sidewalks, driveways, and paved areas. Hydraulic controls angle the broom left and right to sweep the snow where you want it.

(450, 440, 235)

MODELS

	RS350	RS454
Overall width:	61"	62"
Overall height:	18"	18"
Overall length:	44"	44"
Broom width:	54"	54"
Broom diameter:	16"	24"
Working width:	54"	54"
Hydraulic angling (left & right):	30°	30°
Speed of broom:	0-300 rpm	0-265 rpm
Gearbox:	Beveled gears	Beveled gears
Weight:	170 lb	475 lb
Broom rotation:	Forward and reverse	Forward and reverse



SLIP SCOOPS

Slip scoops are a year-round, versatile attachment and ideal for any job that requires lifting and hauling of wet or dry materials. (450, 440, 235)

MODELS SS244, SS248

Overall width: SS244 - 48"; SS248 - 52"

Overall height: 16"

Overall length: 33"

Width of bucket: SS244 - 44"; SS248 - 48"

Bucket capacity: SS244 - 3 1/4 cu. ft.; SS248 - 3 1/2 cu. ft.

Dumping: Hydraulic

Scarifier teeth: 6-1" wide (optional)

Weight: SS244 - 135 lb; SS248 - 170 lb



POWER ANGLE BLADES

Available in three sturdy widths to push snow away. Angle the blade hydraulically 30 degrees left or right for efficient snow placement.

Spring-loaded, forward-tilt safety trip protects blade. (450, 440, 235)

MODELS BD248, BD260, BD272

Blade width: BD248 - 48"; BD260 - 60"; BD272 - 72"

30° Angled width: BD248 - 36"; BD260 - 48"; BD272 - 60"

Overall height: 9" | Overall length: 32"

Blade height from cutting edge: 19"

Hydraulic angling: 30° left and right

Skid shoe: Adjustable | Forward tilt: Spring-loaded

Reversible cutting edge: 3" hardened

Scarifier teeth: 3/8" x 4" through hardened steel

Scarifier pitch: 2" sawtooth edge

Weight BD248, BD260, and BD272: 170 lb/195 lb/213 lb

Optional caster wheel kit replaces skid shoes

Optional 3/4" x 4" heavy-duty cutting edge

Optional 1" x 5" heavy-duty poly cutting edge



ADJUSTABLE V-BLADE

Quickly change from a V-blade to straight blade to scoop configuration on the move with the electro-hydraulic controls, and move snow the quickest, most efficient way for the conditions. (450, 440, 235)

MODEL BD358

Overall width: 69 1/4"

Cutting width: straight/angled: 58"; scoop: 49"; V-blade: 53"

Overall height: 21"

Overall length: 31"

Blade height from cutting edge: 21"

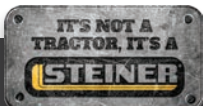
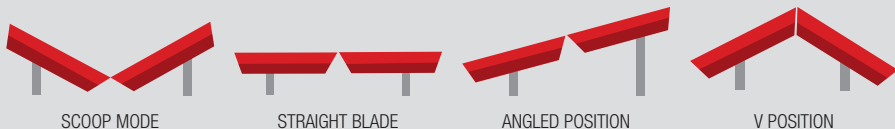
Angling: 30° left and right, front and back

Skid shoes: Adjustable

Forward tilt: Spring-loaded

Cutting edge, 2 position: 3/8" x 4" hardened

Weight: 248 lb



YOU'RE COVERED ALL YEAR LONG WITH **STEINER TRACTOR CABS**

Steiner's all-season, enclosed tractor cabs help protect you from the elements and keep you comfortable in any weather conditions.



450 / 440 TRACTOR CAB

Tempered glass windows shield you from wind, snow, dust, and rain. Windows can be vented or removed for conditions requiring more airflow.

- Weight: 180 lb
- Overall height: 77" installed
- Windows: Tempered safety glass
- Windshield wipers: Electric 12 V
- Mounting: Frame and ROPS roll bar
- Warranty: One (1) year, limited

450 / 440 DELUXE CAB ACCESSORIES

- Water heater kit
- Safety beacon light kit
- Two-side exterior mirror kit
- Work light (2 lights: front or rear)
- Circulating fan
- Interior mirror

ALSO AVAILABLE 235 TRACTOR CAB



CUSTOMIZE YOUR STEINER



CANOPY

Protect yourself from the elements and operate comfortably with a canopy on your Steiner® tractor.



THREE-POINT HITCH

Designed for the 450 and 440, the three-point hitch is ideal for rear attachments requiring a Category 1 hook-up.



FRONT WEIGHT BAR KIT

Provide additional stability when towing or using the three-point hitch. Includes (4) 50-pound weights.

IT'S IMPORTANT TO PICK THE RIGHT **TRACTOR TIRES**

Tires are like work boots for your tractor, which means you need to choose the right set for the job at hand. Consult with your dealer to learn more about which tires are appropriate for your Steiner tractor.



DUAL WHEELS

All Steiner tire choices are available in optional dual sets for added flotation, stability, and traction.



TURF TIRES

These tires are designed for use in fine turf areas, reducing marking and turf damage.



BAR TIRES

For turf that can handle a more aggressive tread, these general tires offer improved hillside traction.



FIELD TRAC TIRES

Excellent for all-terrain use, these tires are highly aggressive when more traction is needed for working in and around hills, mud, dirt, and snow.



SPECIFICATIONS



450 TRACTOR SPECIFICATIONS

DIMENSIONS Overall width: 44.5", 50.5" with 3" wheel extensions, 66.5" with dual wheels | Overall length: 77" with ROPS up
Overall height: 73.5" with ROPS up; 55" with ROPS folded | Wheelbase: 43.5" | Minimum ground clearance: 4.75"
Frame oscillation: 9" | Turning radius: 43.5"
Weight: Kubota® D902: 1665 lb, Kubota® WG972: 1660 lb, Vanguard M61 EFI: 1575 lb

ENGINES Kubota® D902 Diesel, Liquid-Cooled, 898 cc
Kubota® WG972 Gas, Liquid-Cooled, 962 cc
Vanguard™ M61 EFI Gas, Air-Cooled, 993 cc

HYDRAULICS Implement pump: Turolla Group 2 Series fixed displacement, stacked configuration
Flow capacity (gpm): 6 gpm @ 3600 RPM
Lift, steering, auxiliary pressure: 1750 PSI | Hydraulic oil capacity: 5.25 US Gallons

TRANSMISSION Hydrostatic drive pump: Eaton® Model 70160, Variable displacement piston pump
Transaxles: (2) Peerless® 2600 dual range
Speeds: High range: 9.5 MPH forward, 7.0 MPH reverse
Low range: 6.0 MPH forward, 4.5 MPH reverse
Steering: Hydraulic power steering
Parking Brake: Single Mechanical Disk

ATTACHMENT DRIVE Front PTO clutch: Warner® CMS 250 Series electric clutch / brake
Hydraulic outlets: Quick couplers-front

SLOPE RATINGS* Continuous: 20° Max | Intermittent (10 minutes or less): 30° Max

FUEL SYSTEM 7 US Gallon tank capacity

TIRES Field Trac 22x12-10 | Bar 22x12-10 | Turf 22x11-10

HITCH Front: Steiner Quick-Hitch™ System
Back: Standard 2" receiver hitch, with optional category 1 three-point hitch

HIGH-BACK BUCKET SEAT Deluxe, high-back bucket seat with armrests and rear storage pouch | Adjustment: 6" fore and aft

ADDITIONAL FEATURES Lighting: Dual LED headlights and taillights | Storage compartment: Standard | Cup holder: Standard | Front and rear skid plates: Standard
PTO tension adjustment: Manual | 12 Volt outlet: Standard, 15 amp | Adjustable rear pedal positions | Optional hand lever speed control
Rollover Protective Structure (ROPS): Standard, folds down



440 TRACTOR SPECIFICATIONS

DIMENSIONS	Overall width: 44.5", 50.5" with 3" wheel extensions, 66.5" with dual wheels Overall length: 86" with ROPS up Overall height: 73.25" with ROPS up; 50" with ROPS folded Wheelbase: 43.5" Minimum ground clearance: 4.75" Frame oscillation: 8" Turning radius: 44" Weight: With Kohler® engines: 1489 lb With Kubota® engines: 1517 lb
ENGINES	440-34KO: Kohler® Command Pro CH904, Air-Cooled, 999 cc 440-40KO: Kohler® Command Pro CH1000, Air-Cooled, 999 cc 440-25KDL: Kubota® D902, Diesel LC, 898 cc 440-32KGL: Kubota® WG972, Gas LC, 962 cc
HYDRAULICS	Pump: Eaton® Series 26 Total capacity (gpm): 6 gpm @ 3600 RPM Lift pressure: 1500 PSI Hydraulic oil capacity: 5 US Gallons
TRANSMISSION	Drive train: Eaton® Model 70160, Variable displacement piston pump Transaxles: Peerless® 2600 dual range Speeds: 0-10.5 MPH forward, High; 0-5.25 MPH reverse, Low Steering: Hydraulic power steering Brakes: Dual disc and front and rear axles
ATTACHMENT DRIVE	Front PTO clutch: Electric Warner® Mag Stop 225 ft. lb w/ midpole brake Hydraulic outlets: Quick couplers-front
SLOPE RATINGS*	Continuous: 20° Max Intermittent (10 minutes or less): 30° Max
FUEL SYSTEM	8 US Gallon tank capacity
TIRES	Field Trac 22x12-10 Bar 22x12-10 Turf 22x11-10
HITCH	Front: Steiner Quick-Hitch™ System, with standard front release control or optional release from seated position Back: Standard 2" receiver hitch, with optional category 1 three-point hitch
HIGH-BACK BUCKET SEAT	Armrests: Standard Suspension: Radial bearing suspension, optional mechanical suspension Adjustment: 7" fore and aft
ADDITIONAL FEATURES	Lighting: 200 watt halogen quartz headlights (4-50 each), rear marker running lights Storage Compartment: Standard Cup holder: Standard PTO tension adjustment: Manual 12 Volt outlet: Optional Adjustable rear plate positions Optional hand lever speed control Rollover Protective Structure (ROPS): Standard, folds down

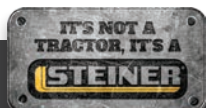


235 TRACTOR SPECIFICATIONS

DIMENSIONS	Overall width: 56" Overall length: 82" Overall height: 45" Wheelbase: 50" Inside turning radius: 14" (measured at the front wheel) Weight: 1420 lb
ENGINE	235D: Kubota® D1105-E3B 3-cylinder, liquid-cooled diesel 68.63" displacement, 3000 RPM, 24.8 gross horsepower
TIRES	Drive: 24x11-2, bar, 6-ply Rear: 18x8.50-8, turf, 4-ply
DRIVE TRAIN	Transmission: Sauer Danfoss Series 15 U-Type hydrostatic piston pump motor Transaxle: 2-speed Peerless® 2600 Series with differential lock Ground speed: 0-10 MPH forward, High; 0-5 MPH reverse, Low Brakes: Individual wheel drum turning brakes
TRACTION BOOST	Hydraulic Traction-Max™ adjustable weight transfer system with pressure gauge indicator
POWER TAKE-OFF	Warner® 175 ft lb electric clutch
CHARGING SYSTEM	40 AMP battery / Ignition: 12 V 620 CCA
SEAT	Extra-large deluxe contoured seat
LIGHTING	Dual headlights, dual taillights
STEERING	Hydraulic power steering
FUEL SYSTEM	6 US Gallon tank capacity
FUEL PUMP	Electric
ATTACHMENTS	No tools needed, Quick-Hitch™ System
ROLLOVER PROTECTIVE STRUCTURE (ROPS)	Standard



* Please reference the Product or Owner's Manual for Use Specifications. Slope ratings vary, based on tire and cab configurations.





STEINER

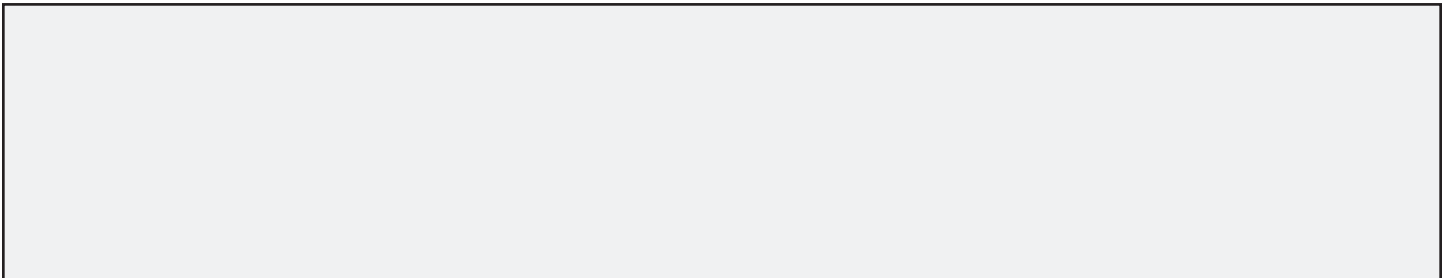
THE KIND OF TRACTOR YOU WOULD BUILD FOR YOURSELF

Your safety is important to us.

Before operating any power equipment, consult your operator's manual for safe operating and maintenance procedures.

All Steiner® products are covered by a 2-year limited warranty.

Please see your local dealer for full warranty details or consult the product manual.



Steiner | One BOB-CAT Lane | Johnson Creek, WI 53038

**For more information about Steiner products, visit your Steiner dealer today.
For the location of the dealer nearest you, call 1-866-469-1242 or visit steinerturf.com.**