



NEWS RELEASE

Taking Tractors To The Max

Steiner 430 Max...The Maximum In Tractor Versatility

A Steiner tractor can do nearly anything you need it to. Start with the features that established its reputation for excellence over 33 years ago: full-time 4-wheel drive, articulated frame, hydrostatic transmission, and power steering. Choose from air and liquid-cooled engines ranging in output from 21 to 33 hp. Mix in comfort features like an ergonomically designed deluxe seat. Add over 20 [Quick-Hitch](#) attachments, from mowers and blades to scoops and blowers and you'll quickly realize that nothing works like a Steiner.

Commercial Grounds Care engineers developed the Steiner 430 Max 4-wheel drive articulating tractor to be a brilliant performer on yards, grounds and estates. But routine maintenance tasks are only the beginning of a Steiner's many time and effort saving capabilities. There is a long and growing list of attachments that can take the place of more than two dozen single purpose machines. The Steiner 430 Max tractor can be set up to utilize a wide selection of attachments and accessories.

Do more with these optional Steiner attachments:

Aerator
Auger
Blades (various)
Blowers (various)
Box Rake

Chipper/Shredder
Mower Decks (various)
Loaders (various)
Scoops (various)
Stump Cutter

Sweepers (Rotary & Lawn)
Tiller
Trencher



Steiner's Quick-Hitch™ System

Steiner's Quick-Hitch System allows you to easily switch to any attachment in five minutes or less. Making the transition from one attachment to another is as easy as 1, 2, 3. Your Steiner can become nearly any kind of maintenance machine you can imagine. Sweep, grade, scoop, till, rake, aerate and more. Like the Steiner Max 430, you'll find all of its attachments easy to use, hard working and with the Quick-Hitch System...easy to change.

Steiner 430 Max Tractor Features:

Engine Options: 21 hp Liquid-Cooled Kubota, Diesel
25 hp Liquid-Cooled Kubota, Gas
33 hp Air-Cooled V-Twin Generac, Gas

- 4-wheel drive
- Articulated frame
- Hydrostatic hand control forward/reverse
- [Quick-Hitch™](#) System
- Air & liquid-cooled engine options
- Illuminated sealed instrument panel
- Auxiliary hydraulic quick couplers





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Specs:

Battery: 12 volt, group 26
Brakes: Dry disc type
Speeds: Forward 0-8.5 mph, high
 0-4.4 mph low
 Reverse 0-5.3 mph high
 0-2.8 mph low
Starting: Electric, 12 volt, key switch
Steering: Hydraulic Power Steering
Tank Capacity: 6 gallons, US

Tires: Turf type, 20 x 10.00-8
 Turfmate Traction
 Bar type, 21 x 11.00-8, Rawhide
Transaxles: Peerless 2500, dual-speed
Transmission: Sauer/DanFoss Hydrostatic



Dimensions:

Overall Width: 44"
Overall Length: 64"
Overall Height: 46"
Wheelbase: 38"
Turn Radius: 46"
Unit Weight: 1,000 lbs. Air-Cooled
 1,100 lbs. Liquid Cooled

Steiner Attachments:

Aerator, Core

Independent 3/4" core tine assemblies are designed for ease of turning while operating. Weight box carries additional weight if extra penetration is needed.

Overall width:	45-1/2"
Working width:	40-1/4"
Overall height:	28-1/2"
Overall length:	30"
Main shaft bearings:	Greasable 1-1/4"
Tines:	6 per wheel, 3/4" core tines
Aerating width (actual):	39"
(effective):	45-1/2"
Aerating depth:	Up to 3-1/2"
Aerating pattern:	6-1/2" x 7" (3.6 holes sq./ft.)
Aerating wheels:	7, steel with bushings/pressurized lubrication fitting
Weight:	390 lbs. with 4 weights





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Auger, Vertical

The vertical auger features replaceable tips and cutting edges, a reversible control valve, and an auger that is driven by an independent hydraulic circuit. It is self-leveling so that straight holes can be made even on hillsides.

Overall width:	38"
Overall height:	72-3/4"
Overall length:	81"
Depth of hole:	42" (for both 9" & 12" Augers)
Auger torque:	600 ft/lbs.
Auger rpm (no load):	115 rpm
Relief setting:	2500 psi
Oil capacity:	27 quarts
Weight:	445 lbs.
(without auger but with oil, mounting shaft & clamps)	
Auger weight:	9" - 39 lbs.
	12" - 53 lbs.

Blade, Power Angle

Move dirt or snow with rugged 48", 60", and 72" blades. Features hydraulic power angle and safety trip protection. Reversible cutting edge adds longer life. Blade comes complete with adjustable skid shoes. The optional scarifier wear edge teeth can loosen hard or packed material for removal or grading.

Angled width -	
#BD248:	36"
#BD260:	48"
#BD272:	60"
Weight -	
#BD248:	160 lbs.
#BD260 & BD272:	185 lbs.
Overall height:	9"
Overall length:	32"
Blade height	19"
(from cutting edge)	
Hydraulic angling:	30° left and right
Skid shoe:	Adjustable
Forward tilt:	Spring-loaded
Reversible cutting edge:	3" hardened
Ground clearance:	14" on Model 430 Max
Scarifier teeth:	3/8" x 4" through hardened steel
Scarifier pitch:	2" saw tooth edge
Optional caster wheel kit replaces skid shoes	
Optional 3/4" x 4" heavy-duty cutting edge	





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Blade, V

The V-blade is designed for easy snow removal. Electro-hydraulic independent blade wing angling allows easy conversion from V-blade to inverted scoop or straight blade while in motion.

Overall width:	69-1/4"
Cutting width -	
Straight:	58"
Scoop:	49"
V-blade:	53"
Overall height:	21"
Overall length:	31"
Blade height:	21"
(from cutting edge)	
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 lbs.



Blower, Power

150 mph blowing power; has an 8-blade blower fan and directional discharge chute. Also features an anti-scalp roller.

Overall width:	33"
Overall height:	18-1/2"
Overall length:	26"
Skid shoe:	Fixed
Fan:	8-blade, welded
Fan diameter:	14"
Fan width:	6"
Fan speed:	Same as engine rpm
Air flow:	3000 cfm at max rpm
Ground clearance (in raised position)	6"
Weight:	95 lbs.



Blower, Snow

Moves large volumes of snow from sidewalks, driveways and small parking lots. Features 14" auger fed and hydraulically controlled chute with fingertip control. Height of heavy-duty wear bar adjusts with skid shoes. Belt-driven.



Overall width:	49-1/2"
Overall height:	51"
Overall length:	43"
Opening size:	25" high x 48" wide
Auger:	14" diameter open center
Blower:	20" diameter 3 blade
Width of cut:	48" to 53-1/2"
Auger speed:	175 rpm
Blower speed:	800 rpm
Chute:	9" diameter, 190° rotation
Height of cut:	Adjustable skid shoes, 0" to 1-1/4"
Weight:	425 lbs.



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Blower, Turbine Power

The turbine power blower has a nozzle that rotates 360 degrees continuous by hydraulic motor. It features an axial flow turbine design and amazing quiet operation. A kickstand allows for easy hook-up to the Quick-Hitch™ system.

Overall width:	27"
Overall height:	33"
Overall length:	67"
Airflow:	8000 cfm
Wind speed:	114 mph
Wind speed: (deflected to front)	78 mph
Weight:	235 lbs.
Weight on caster:	195 lbs.



Box Rake, Power

The power box rake features removable box sides, vanadium carbide teeth and sealed oil bath drive chains. It has hydraulic power angle and adjustable gauge wheels. The power box rake will grade, level, rake, remove stones and debris, pulverize and prepare seed beds. It follows the contour of the land for even, uniform surface preparation.

Overall width:	57"
Overall height:	26"
Overall length:	58"
Working width:	48"
Pivot angle:	15°
(either direction for windrowing debris)	
Weight:	505 lbs.

Cab

Cabs provide a comfortable atmosphere to work in all year long. The windows remove for air flow in summer.

Weight:	180 lbs.
Overall height:	69"
Heater core BTU:	33,000
Air flow:	225 CFM
Windows:	Safety laminated glass
Windshield wipers:	Electric 12 V
Mounting:	Frame and ROPS roll bar





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Chipper/Shredder

The Steiner chipper/shredder is designed to grind, shred and chip a variety of materials into a usable processed material.

Overall width:	35-5/8"
Overall height:	44-1/2"
Overall length:	53-1/4"
Chipper knives:	4 hardened knives
Maximum material -	
size for chipper:	4" diameter
size for shredder:	1-1/2" diameter
Weight:	430 lbs.



Loader

This 48" wide bucket has transport lift of 200 lbs. A weight bar with six weights is required for operating the loader on the Model 430 Max tractor. Loader has self-contained hydraulic pump and oil reservoir powered by tractor's front PTO pulley.



Lift height:	73"
Maximum lift capacity:	365 lbs.
Recommended lift capacity:	200 lbs. in transport
Reach -	
Raised:	30"
Lowered:	27"
Bucket volume:	6 cu. ft. (approx.)
Bucket width:	48"
Weight:	702 lbs.

Mowers, Rotary & Mulching Rear Discharge w/Flip-up Deck

Becomes a mulching or rear discharge mower with separate blade and baffle options. Flip-up deck (90° of lift) can be safely serviced and cleaned while still attached to the tractor.

Model MX460 -

Overall width:	60-3/4"
Cutting width:	60"
Cutting height:	1-1/2" to 4"
Spindle drive:	Single "V" belt
Spindles:	Tapered roller assemblies
Wheels:	10.25 x 3.25 semi-pneumatic
Blades:	3 blades, 20-3/4"
Weight -	
Rear discharge:	380 lbs.
Mulching option:	400 lbs.
Drive shaft to PTO belt	





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Mower, Rotary Side Discharge with Flip-up Deck

Full-floating, 3-blade rotary mowers feature tapered roller bearing spindle assemblies. Cutting height is easily changed with single lever adjustment and is controlled by the front caster wheels and full-length rear roller. High-capacity discharge chutes provide even distribution of clippings. Flip-up deck can be safely serviced and cleaned while still attached to the tractor. Handles enable deck to be lifted vertically over 90° so blades are fully exposed.

Model MD448 -

Overall width w/ chute:	60-1/2"
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 lbs.
Drive shaft to PTO belt	



Model MD460 -

Overall width w/ chute:	73"
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 lbs.
Drive shaft to PTO belt	

Model MD472 -

Overall width w/ chute:	85"
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 lbs.
Drive shaft to PTO belt	



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Mower, Rough Cut

This mower cuts through tall, dense growth and 1" woody stems. Chains at the front opening and counter-rotating discs move material freely to the rear discharge.

Overall width:	70"
Caster wheels:	13 x 5.00-6
Mower drive:	PTO belt
Spindles:	Cast iron housings, ball bearings
Cutting width:	66", offset 16" to right
Cutting height:	3" - 5-1/2"
Blades:	Replaceable breakaway
Discharge:	Rear
Weight:	550 lbs



Mower, Tree Farm

Out-front deck provides good visibility for two-sided trimming. Single front caster wheel controls the cutting height of the two rotary blades.

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
Discharge:	Rear
Weight:	272 lbs.
Drive shaft to PTO belt	

Scoop, Slip

A quick and easy way to move loose materials or excavate small areas. Use it for virtually anything that would normally require a wheelbarrow. The optional scarifier wear edge breaks up hard material in preparation for removal or grading.

Overall width:	53-1/4"
Overall height:	16"
Overall length:	33"
Width of bucket:	48"
Bucket capacity:	4.5 cubic ft.
Dumping:	Hydraulic
Ground clearance: (transport)	12-1/2"
Ground clearance: (dumped)	7-1/4"
Scarifier teeth:	6-1" wide
Weight:	150 lbs.





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Stump Cutter

Tough 16" diameter cutter head is driven by a PTO belt with a right-angle gearbox. Hardened cutters are located to allow movement from side to side, or from top of the stump.

Overall width:	34-1/2"
Overall height:	18"
Overall length:	37"
Cutter head:	24 hardened cutters
Cutter head diameter:	16"
Cutter head width:	3-1/4"
Cutter head speed:	1600 rpm
Maximum cutting depth:	5" below ground
Maximum recommended cutting height above ground level:	5"
Weight:	250 lbs.



Sweeper, Lawn

Clean sweep your lawn of cuttings or fallen leaves. Packing action gets much more into the unit before you need to unload.

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

Sweeper, Rotary

Ideal for clearing away leaves, debris, and light snow on pathways, parking lots, sidewalks and drives. Hydraulically controlled nylon broom angles for both left and right handed operation. Bevel gearbox driven, with caster wheel flotation control. The RS454 has reversible rotation.

Model:	RS350
Overall width:	61"
Overall height:	18"
Overall length:	44"
Broom width:	54"
Broom diameter:	16"
Working width:	54"
Hydraulic angling (left and right)	30°
Speed of broom:	300 rpm
Ground clearance: (raised position)	10" 11.5"
Gearbox:	Beveled gears
Weight:	170 lbs.

Model:	RS454
Overall width:	62"
Overall height:	18"
Overall length:	44"
Broom width:	54"
Broom diameter:	24"
Working width:	54"
Hydraulic angling (left and right)	30°
Speed of broom:	265 rpm
Ground clearance: (caster wheels)	adjustable height
Gearbox:	Beveled Gears
Weight:	475 lbs.





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Tiller

Loosen dirt for gardens or turf plantings. Provides 48" of working width and a tilling depth of up to 6" in loose soil. Rotor is chain driven and has a solid 1-1/2-inch steel shaft with 24 cutting tines.

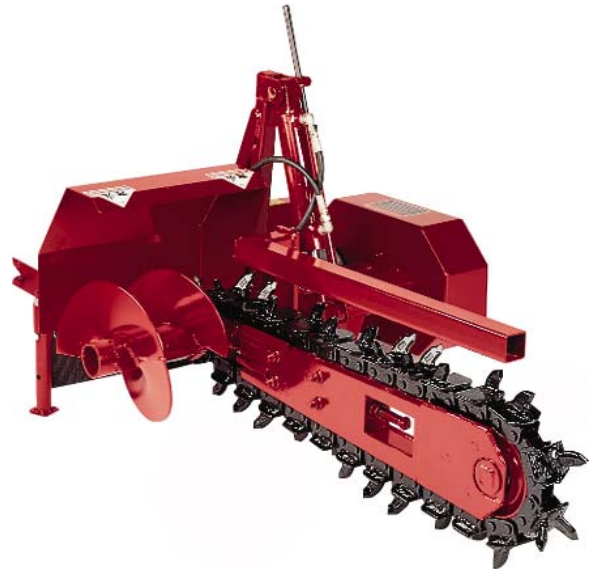
Working width:	48"
Working depth:	6" maximum
Overall height:	29"
Overall width:	54"
Overall length:	38"
Tines:	24 replaceable, hardened
Drive:	Chain drive from gearbox
Operation:	Tractor in reverse motion
Bearings:	Greaseable
Weight:	305 lbs.

Trencher

The trencher easily follows line of trench. Depth of cut is adjustable with the depth indicator gauge easily visible.

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:	4 3/4", standard
Weight:	360 lbs.

All Steiner products are made with pride in the U.S.A. and are warranted commercially for 2 years. To find out more about Steiner products, or to find the nearest Steiner dealer; contact Greg Heyer, Director of Sales, at 920-699-2000 or visit the Steiner website at www.steinerturf.com.



END -

Commercial Grounds Care, Inc. (CGC) manufactures and distributes Bob-Cat, Bunton, Ryan & Steiner brand mowers and turf care equipment. CGC operates a 160 employee manufacturing facility in Johnson Creek, WI and distributes their products through commercial dealerships nationwide.

To find out more about Commercial Grounds Care, Inc. and their family of products, or to find the nearest dealer; contact Greg Heyer, Director of Sales, at 920-699-2000 or visit the CGC website at www.cgcequip.com

For additional product information and images for BOB-CAT, Bunton, Classen, Little Wonder, Mantis, Ryan & Steiner brand products, please contact: **Linda Beattie**

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