

MINI SKID STEER



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Ульяновск (8422)24-23-59
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SK600 MINI SKID STEER



2 Industry-leading power to the attachment for improved strength and performance.

3 Efficient, low-maintenance Kubota® diesel engine provides outstanding power for all machine functions—24.8 hp (18.5 kW).

1 Advanced attachment latching system for more simple and secure connections.

4 Customer-driven control placement for optimized comfort and efficiency; the ergonomic operator's station has standard dual-lever ground drive controls, with an optional single-lever joystick available.

5 Two-way auxiliary control foot pedal enables you to maintain hydraulic flow to the attachment, freeing up your hands to control depth and ground speed.

6 Includes optimized hydraulics that deliver a smoother ride for enhanced operator comfort and productivity.

7 Best-in-class operator platform design gives more ground clearance than the competition and improves operator comfort and durability

8 Low-maintenance track tensioning allows easy track adjustment, giving your machine a longer lifespan and minimizing downtime.

9 Comes standard with 7-inch (180-mm) narrow tracks for 33.5-inch (850-mm) operational width for use in confined spaces.

10 600-lb (272-kg) rated operating capacity and an 76-inch (1.93-m) hinge-pin height enables productive loading and ability to handle tasks requiring more strength and power.



The Ditch Witch® SK600 is a construction-grade mini skid steer perfect for a variety of jobs like landscaping and irrigation. This compact machine is ideal for the most challenging jobs in hard-to-reach spots. From its narrow footprint to its class-leading power to the attachment, the SK600 is engineered to deliver more productivity and performance in a more compact package.

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SK600 ATTACHMENTS

The Ditch Witch® organization offers a full line of quick-change attachments compatible with the SK600 Mini Skid Steer. Visit the SK600 product page on ditchwitch.com to use our interactive attachment selector, or ask your Ditch Witch dealer about additional attachment options.

SK600 MINI SKID STEER SPECIFICATIONS

	U.S.	METRIC
DIMENSIONS (STD)		
Operating height, max std. bucket	103 in	2.63 m
Overall height of machine	54 in	1.39 m
Overall length of machine, std. bucket	105 in	2.67 m
Overall length of loader, no attachment	80 in	2.14 m
Hinge pin height, max	76 in	1.93 m
Wheelbase/track length	36 in	925 mm
Machine width	33.5 in	850 mm
Ground clearance, min		
Center	8.5 in	216 mm
Side	4 in	102 mm
Machine weight (no attachment, fluids full)	2,418 lb	1096 kg
Operating capacity		
35% of tipping capacity	600 lb	272 kg
Tipping capacity	1,725 lb	782 kg
Angle of departure	27°	
POWER		
Engine	Kubota® D902-E4B	
Fuel	Diesel	
Gross power rating (SAE J1995)	24.8 hp	18.5 kW
Emissions compliance	EPA Tier 4	EU Stage IIIA
Number of cylinders	3	
Displacement	54.8 in ³	0.898 L
Bore	2.83 in	72 mm
Stroke	2.9 in	73.6 mm
Rated speed	3,600 rpm	

	U.S.	METRIC
OPERATION		
Ground drive speed		
Forward/reverse	4.1 mph	6.6 km/h
Ground pressure* (ISO/CD 16754)		
7-in (180-mm) tracks	4.8 psi	0.33 bar
HYDRAULIC SYSTEM		
Auxiliary circuit		
Double gear pump		
Flow rate (pump #1)	6.0 gpm	22.7 l/min
Flow rate (pump #2)	6.0 gpm	22.7 l/min
Pressure	3,000 psi	207 bar
Dual hydrostatic ground drive pumps		
Flow rate	12.5 gpm	47.2 l/min
Pressure	3,625 psi	250 bar
FLUID CAPACITIES		
Fuel tank capacity	10.5 gal	40 L
Engine oil, w/filter	5 qt	4.7 L
Hydraulic reservoir capacity	9.2 gal	35 L
NOISE LEVEL		
Sound pressure (operator ear)	90 dBA	
Sound power	104 dBA	
BATTERY		
SAE reserve capacity rating	110 min	
SAE cold crank @ 0°F (-18°C)	800 amps	
Electrical system	12V	

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

SK750 MINI SKID STEER

1

Two-way auxiliary control foot pedal helps you maintain hydraulic flow to the attachment with the pedal, freeing your hands to control depth and ground speed.

2

Float section on the lift arm control valve enhances the productivity of attachments that follow the contour of the ground.

3

Ergonomic controls and 4.7-mph (7.6-km/h) ground drive speed enhance jobsite efficiency and productivity.

4

Auxiliary hydraulics with quick-connect attachment fittings, so you can perform multiple jobs on the same jobsite in less time.

5

800-lb (363-kg) rated operating capacity and an 81-inch (206-m) hinge-pin height for more productive loading.

6

Industry-leading power to the attachment provides unbeatable productivity; accepts more than 70 attachments for a wide range of utility, landscaping, plumbing, and other underground construction tasks.

7

Efficient, low-maintenance Kubota® diesel engine provides outstanding power for all machine functions.

8

Low-maintenance track-tensioning system features a grease cylinder for easy adjustment and track removal, for increased track life and reduced downtime.

9

Innovative high-drive track system has bolt-on sprockets and wide track rollers for greater stability, longer track life and easy maintenance.



The Ditch Witch® SK750 Mini Skid Steer is built to outperform on any jobsite. Featuring a high-drive track system and an enhanced operator's station, it delivers superior performance through increased ground clearance, more lift capacity, faster ground speed, longer track life, and more operator comfort. And with more horsepower to the attachment than the competition, the SK750 will help make you more productive and more profitable, job after job.

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SK750 ATTACHMENTS

The Ditch Witch® organization offers a full line of quick-change attachments compatible with the SK750 Mini Skid Steer. Visit the SK750 product page on ditchwitch.com to use our interactive attachment selector, or ask your Ditch Witch dealer about additional attachment options.

SK750 MINI SKID STEER SPECIFICATIONS

	U.S.	METRIC
DIMENSIONS (STD)		
Operating height, max. std. bucket	103 in	2.62 m
Overall length of machine, std. bucket	105 in	2.67 m
Overall length of loader, no attachment	86 in	2.19 m
Machine weight (no attachment, fluids full)	2,890 lb	1314 kg
Hinge pin height, max	81 in	2.06 m
Wheelbase/track length	43 in	1.09 m
Track width		
Max	42 in	1.06 m
Min	36 in	0.91 m
Ground clearance		
Center	8.9 in	226 mm
Side	3.7 in	94 mm
Tipping capacity	2,285 lb	1039 kg
Rated operating capacity		
35% of tipping capacity	800 lb	363 kg
Angle of departure	27°	
POWER		
Engine	Kubota® D1105	
Fuel	Diesel	
Number of cylinders	3	
Displacement	68.5 in³	1.12 L
Bore	3.07 in	78 mm
Stroke	3.09 in	78.4 mm
Rated speed	3,000 rpm	
Gross power rating	24.8 hp	18.5 kW
Emissions compliance	EPA Tier 4	

	U.S.	METRIC
OPERATION		
Ground drive speed		
Forward/reverse	4.7 mph	7.6 km/h
Ground pressure* (ISO/CD 16754)		
7-in (180-mm) tracks	4.8 psi	0.33 bar
9-in (230-mm) tracks	3.8 psi	0.26 bar
HYDRAULIC SYSTEM		
Auxiliary circuit		
Double gear pump		
Flow rate (Pump #1)	6.5 gpm	24 l/min
Flow rate (Pump #2)	5.5 gpm	21 l/min
Pressure	3,000 psi	207 bar
Ground drive		
Dual hydrostatic pumps		
Flow rate	13.9 gpm	52 l/min
Pressure	3,500 psi	241 bar
FLUID CAPACITIES		
Fuel tank capacity	10.5 gal	40 L
Engine oil, w/filter	4.2 qt	4 L
Hydraulic reservoir capacity	9.2 gal	35 L
BATTERY		
SAE reserve capacity rating	110 min	
SAE cold crank @ 0°F (-18°C)	800 amps	
Electrical system	12V	

* Includes machine weight, 175 lb (80 kg) bucket, and 165 lb (75 kg) operator.

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

SK755 MINI SKID STEER



1 Two-way auxiliary control foot pedal helps you maintain hydraulic flow to the attachment with the pedal, freeing your hands to control depth and ground speed.

2 Float section on the lift arm control valve enhances the productivity of attachments that follow the contour of the ground.

3 Ergonomic controls and 4.7-mph (7.6-km/h) ground drive speed enhance jobsite efficiency and productivity.

4 Auxiliary hydraulics with quick-connect attachment fittings, so you can perform multiple jobs on the same jobsite in less time.

5 800-lb (363-kg) rated operating capacity and an 81-inch (206-m) hinge-pin height for more productive loading.

9 Innovative high-drive track system has bolt-on sprockets and wide track rollers for greater stability, longer track life and easy maintenance.

8 Low-maintenance track-tensioning system features a grease cylinder for easy adjustment and track removal, for increased track life and reduced downtime.

7 Efficient, low-maintenance Kubota® diesel engine provides outstanding power for all machine functions.

6 Industry-leading power to the attachment provides unbeatable productivity; accepts more than 70 attachments for a wide range of utility, landscaping, plumbing, and other underground construction tasks.



The Ditch Witch® SK755 Mini Skid Steer is built to outperform on any jobsite. Featuring a high-drive track system and an enhanced operator's station, it delivers superior performance through increased ground clearance, more lift capacity, faster ground speed, longer track life, and more operator comfort. And with more horsepower to the attachment than the competition, the SK755 will help make you more productive and more profitable, job after job.

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SK755 ATTACHMENTS

The Ditch Witch® organization offers a full line of quick-change attachments compatible with the SK755 Mini Skid Steer. Visit the SK755 product page on ditchwitch.com to use our interactive attachment selector, or ask your Ditch Witch dealer about additional attachment options.

SK755 MINI SKID STEER SPECIFICATIONS

	U.S.	METRIC
DIMENSIONS (STD)		
Operating height, max. std. bucket	103 in	2.62 m
Overall length of machine, std. bucket	105 in	2.67 m
Overall length of loader, no attachment	86 in	2.19 m
Machine weight (no attachment, fluids full)	2,890 lb	1314 kg
Hinge pin height, max	81 in	2.06 m
Wheelbase/track length	43 in	1.09 m
Track width		
Max	42 in	1.06 m
Min	36 in	0.91 m
Ground clearance		
Center	8.9 in	226 mm
Side	3.7 in	94 mm
Tipping capacity	2,285 lb	1039 kg
Rated operating capacity		
35% of tipping capacity	800 lb	363 kg
Angle of departure	27°	
POWER		
Engine	Kubota® D1105-T	
Fuel	Diesel	
Number of cylinders	3	
Displacement	68.5 in ³	1.12 L
Bore	3.07 in	78 mm
Stroke	3.09 in	78.4 mm
Rated speed	3,000 rpm	
Gross power rating	32.8 hp	24.5 kW
Emissions compliance	EPA Tier 4i	EU Stage IIIA

	U.S.	METRIC
OPERATION		
Ground drive speed		
Forward/reverse	4.7 mph	7.6 km/h
Ground pressure* (ISO/CD 16754)		
7-in (180-mm) tracks	4.8 psi	0.33 bar
9-in (230-mm) tracks	3.8 psi	0.26 bar
HYDRAULIC SYSTEM		
Auxiliary circuit		
Double gear pump		
Flow rate (Pump #1)	8.5 gpm	30 l/min
Flow rate (Pump #2)	5.5 gpm	21 l/min
Pressure	3,000 psi	207 bar
Ground drive		
Dual hydrostatic pumps		
Flow rate	13.9 gpm	52 l/min
Pressure	3,500 psi	241 bar
FLUID CAPACITIES		
Fuel tank capacity	10.5 gal	40 L
Engine oil, w/filter	4.2 qt	4 L
Hydraulic reservoir capacity	9.2 gal	35 L
BATTERY		
SAE reserve capacity rating	110 min	
SAE cold crank @ 0°F (-18°C)	800 amps	
Electrical system	12V	

* Includes machine weight, 175 lb (80 kg) bucket, and 165 lb (75 kg) operator.

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

SK850 MINI SKID STEER



1 74-in² (188-cm²) platform is larger and higher than the competition's.

2 Ergonomic operator's station has been updated with new, customer-requested features for optimized comfort and efficiency.

3 Standard auto-throttle—incorporated into the new LCD display—reduces engine throttle when there is no load on the engine, for greater efficiency.

4 860-lb (390-kg) or 1,062-lb (482-kg) rated operating capacity and an industry-best 83-inch (2.1-m) hinge-pin height for more productive loading.

5 Tier 4 Yanmar® diesel engine with 37 hp (27.6 kW) provides outstanding power for all machine functions.

6 Industry-leading power to the attachment provides unbeatable productivity.

7 The SK850 comes standard with your choice of 42-inch (1.06-m) or 36-inch (.91-m) tracks.

8 High-drive track system has bolt-on sprockets that can be interchanged—an exclusive feature—to provide longer-lasting performance.

9 Auxiliary control foot pedal helps you maintain hydraulic flow to the attachment, freeing your hands to control depth and ground speed.



When you know your equipment is built to outperform the competition, you can be sure you're getting the job done with maximum efficiency. The Ditch Witch® SK850 Mini Skid Steer is a powerful, construction-grade workhorse that features industry-best power to the attachment, a stand-on platform that's larger and higher than the competition's and an ergonomic operator's station that puts you in total control. The 37-hp (27.6-kW), Tier 4 SK850 is the most comfortable, most productive, most durable mini skid steer in its class.

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SK850 ATTACHMENTS

The Ditch Witch® organization offers a full line of quick-change attachments compatible with the SK850 Mini Skid Steer. Visit the SK850 product page on ditchwitch.com to use our interactive attachment selector, or ask your Ditch Witch dealer about additional attachment options.

SK850 MINI SKID STEER SPECIFICATIONS

	U.S.	METRIC
DIMENSIONS (STD)		
Operating height, max std. bucket	105 in	2.67 m
Overall length of machine, std. bucket	105 in	2.67 m
Overall length of loader, no attachment	86 in	2.19 m
Machine weight (no attachment, fluids full)	3,100 lb	1406 kg
Hinge pin height, max	83 in	2.10 m
Wheelbase/track length	43 in	1.09 m
Track width		
Max	42 in	1.06 m
Min	36 in	0.91 m
SK850 ground clearance, min		
Center	8.9 in	226 mm
Side	3.7 in	94 mm
SK850 Plus ground clearance, min		
Center	7.4 in	188 mm
Side	3.7 in	94 mm
SK850 tipping capacity	2,465 lb	1118 kg
SK850 Plus tipping capacity	3,035 lb	1377 kg
SK850 rated operating capacity		
35% of tipping capacity	860 lb	390 kg
SK850 Plus rated operating capacity		
35% of tipping capacity	1,062 lb	482 kg
Angle of departure	27°	

POWER

Engine	Yanmar® 3TNV88C	
Fuel	Diesel	
Gross power rating	37 hp	27.6 kW
Emissions compliance	EPA Tier 4	EU Stage IIIA
Number of cylinders	3	
Displacement	100.1 in ³	1.64 L
Bore	3.46 in	88 mm
Stroke	3.54 in	90 mm
Rated speed	3,000 rpm	

	U.S.	METRIC
OPERATION		
Ground drive speed		
Forward/reverse	4.7 mph	7.6 km/h
Ground pressure* (ISO/CD 16754)		
7-in (180-mm) tracks	5.5 psi	0.38 bar
9-in (230-mm) tracks	4.5 psi	0.31 bar
HYDRAULIC SYSTEM		
Auxiliary circuit		
Double gear pump		
Flow rate (Pump #1)	8.8 gpm	33 l/min
Flow rate (Pump #2)	5.1 gpm	20 l/min
Pressure	3,625 psi	250 bar
Dual hydrostatic ground drive pumps		
Flow rate	15 gpm	56.8 l/min
Pressure	3,625 psi	250 bar
FLUID CAPACITIES		
Fuel tank capacity	10.5 gal	40 L
Engine oil, w/filter	5 qt	4.7 L
Hydraulic reservoir capacity	9.2 gal	35 L
BATTERY		
SAE reserve capacity rating	110 min	
SAE cold crank @ 0°F (-18°C)	800 amps	
Electrical system	12V	

* Includes machine weight, 175-lb (80-kg) bucket and 165-lb (75-kg) operator.

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

SK1050 MINI SKID STEER

1 1,062-lb (482-kg) rated operating capacity and an industry-best 83-inch (2.1-m) hinge-pin height for more productive loading.

2 Ergonomic operator's station comes standard with dual-lever ground drive controls, allowing the operator to control each track independently for improved mobility; also available with optional single-lever joystick control.

3 Standard auto-throttle—incorporated into the new LCD display—reduces engine throttle when there is no load on the engine, for greater efficiency.

4 74-in² (188-cm²) best-in-class, spring-supported platform is integrated directly in to the machine for outstanding comfort and durability.

9 Industry-leading power to the attachment provides unbeatable productivity.

8 Tier 4 Yanmar® diesel engine with 37 hp (27.6 kW) provides outstanding power for all machine functions.

7 The SK1050 comes standard with 42-inch (107-cm) tracks.

6 High-drive track system has bolt-on sprockets that can be interchanged—an exclusive feature—to provide longer-lasting performance.

5 Auxiliary control foot pedal helps you maintain hydraulic flow to the attachment, freeing your hands to control depth and ground speed.



Ideally suited for a variety of demanding jobsites, the Ditch Witch® SK1050 mini skid steer improves versatility and productivity by directing more hydraulic power to the attachment. The durable, construction-grade design eases operator maintenance for improved ROI, and outperforms all other working machines in its class. Designed specifically for the hardworking operator in mind, the best-in-class, spring-loaded operator platform improves comfort for long hours on the job.

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SK1050 ATTACHMENTS

The Ditch Witch® organization offers a full line of quick-change attachments compatible with the SK1050 Mini Skid Steer. Visit the SK1050 product page on ditchwitch.com to use our interactive attachment selector, or ask your Ditch Witch dealer about additional attachment options.

SK1050 MINI SKID STEER SPECIFICATIONS

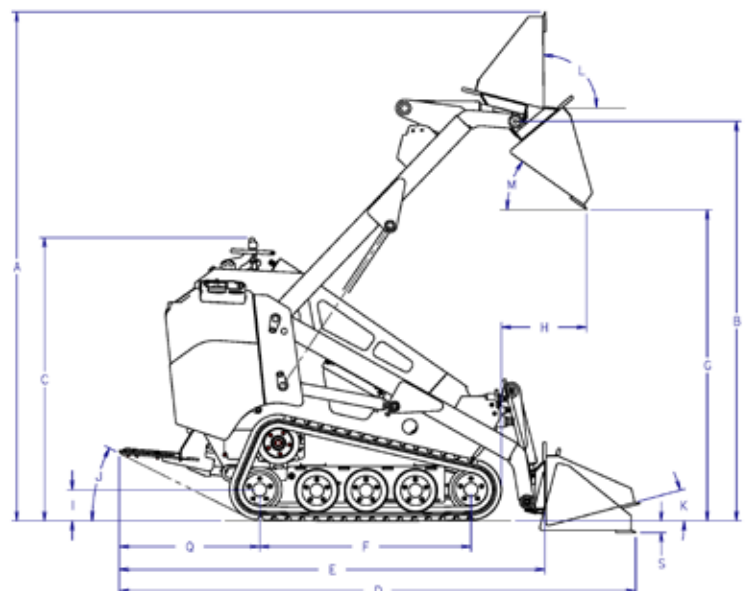
	U.S.	METRIC
DIMENSIONS (STD)		
Operating height, max std. bucket (A)	105 in	2.67 m
Overall length of machine, std. bucket	105 in	2.67 m
Overall length of loader, no attachment (E)	86 in	2.19 m
Overall machine height (C)	57 in	1.45 m
Machine weight (no attachment, fluids full)	3,435 lb	1558 kg
Operating capacity		
35% tipping capacity	1,062 lb	482 kg
Tipping capacity	3,035 lb	1377 kg
Hinge pin height, max (B)	83 in	2.10 m
Wheelbase/track length (F)	43 in	1.09 m
Track width (O)		
Max	42 in	1.06 m
Min	36 in	0.91 m
Ground clearance, min (I)		
Center	7.4 in	188 mm
Side	3.7 in	94 mm
Angle of departure (J)	27°	

POWER		
Engine	Yanmar® 3TNV88C	
Fuel	Diesel	
Gross power rating	37 hp	27.6 kW
Emissions compliance	EPA Tier 4	EU Stage IIIA
Number of cylinders	3	
Displacement	100.1 in ³	1.64 L
Bore	3.46 in	88 mm
Stroke	3.54 in	90 mm
Rated speed	3,000 rpm	

OPERATION		
Ground drive speed		
Forward/reverse	4.7 mph	7.6 km/h
Ground pressure (ISO/CD 16754)		
9-in (230-mm) tracks	4.9 psi	0.34 bar

	U.S.	METRIC
HYDRAULIC SYSTEM		
Auxiliary circuit		
Double gear pump		
Flow rate (pump #1)	8.8 gpm	33 l/min
Flow rate (pump #2)	5.1 gpm	20 l/min
Pressure	3,625 psi	250 bar
Dual hydrostatic ground drive pumps		
Flow rate	15 gpm	56.8 l/min
Pressure	3,625 psi	250 bar
FLUID CAPACITIES		
Fuel tank capacity	10.5 gal	40 L
Engine oil, w/filter	5 qt	4.7 L
Hydraulic reservoir capacity	9.2 gal	35 L
BATTERY		
SAE reserve capacity rating	110 min	
SAE cold crank @ 0°F (-18°C)	800 amps	
Electrical system	12V	

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.



ZAHN® R300 POWER UTILITY



- 1 Ground speed of up to twice that of any walk-behind trencher and faster than any mini skid steer on the market.
- 2 Soft-touch, color-coded, ergonomic controls are easy to grip, easy to learn and provide smooth, easy operation.
- 3 Standard cruise control, which locks in operating speeds, reduces operator fatigue and increases productivity.
- 4 Fully hydraulic, articulated steering provides unmatched maneuverability, enabling you to easily trench a curve.
- 5 9-gallon (34.06-L) fuel tank enables you to work hours without having to refuel.
- 6 Roomy, ride-on platform absorbs shock, reduces fatigue and keeps you out of dirt, mud and debris.
- 7 Convenient cargo tray for storing water bottle, work gloves, cell phone, or assorted tools.
- 8 Unique InterChange™ connection enables the front end to perform like a dedicated unit.
- 9 Compact size, so it can get in, out and around tight jobsites with ease.
- 10 Traction-assist feature provides extra drawbar on demand, so you can push more, pull more and traverse soft ground with minimal tire slippage.
- 11 High-flotation tires distribute weight evenly to minimize impact on lawns and other delicate turf; optional tracks increase stability and performance.
- 12 Robust, 30-hp (22.4-kW) Kohler® engine maximizes front-end productivity.



The Ditch Witch® Zahn® R300 is the best compact trencher ever made—and also the best backhoe, tool carrier and vibratory plow. With an ordinary machine with attachments, you expect to give up a little performance. But the Zahn R300 is nowhere near ordinary. With its unique InterChange™ connection, the front end becomes the machine and performs like a dedicated unit. With the Zahn R300 you get more power, more speed and, best of all, more productivity.

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ZAHN® TRENCHER SPECIFICATIONS CONTINUED

	4-WHEEL DRIVE		HEADSHAFT AUGER		INDEPENDENT AUGER	
HEADSHAFT SPEEDS @ 3,600 RPM ENGINE	U.S.	METRIC	U.S.	METRIC	U.S.	METRIC
Low speed/high torque	186 rpm		186 rpm		186 rpm	
Medium speed/medium torque	244 rpm		244 rpm		244 rpm	
High speed/low torque	282 rpm		282 rpm		282 rpm	
POWER TRAIN						
Digging chain drive	Hydraulic direct drive		Hydraulic direct drive		Hydraulic direct drive	
Digging chain	33,000 lb or 35,000 lb		33,000 lb or 35,000 lb		33,000 lb or 35,000 lb	
Spoils handling drive	Hydraulic, independent		Hydraulic, independent		Hydraulic, independent	
Chain drive sprocket	Forged and tempered		Forged and tempered		Forged and tempered	
OPERATION						
Digging chain speed						
Min	230 ft/min	70.1 m/min	290 ft/min	88.4 m/min	230 ft/min	70.1 m/min
Max	290 ft/min	88.4 m/min	364 ft/min	111 m/min	364 ft/min	111 m/min
Trench cleaner type, mechanical						
Min	4 in	102 mm	4 in	102 mm	4 in	102 mm
Max	12 in	305 mm	8 in	203 mm	8 in	203 mm
Spoils handling	Single open end auger		Single open end auger		Single open end auger	
Auger size	6.18-in OD x 2-in ID x 17.25-in long		18-in OD x 2-in ID x 8.7-in long		6.18-in OD x 2-in ID x 17.25-in long	
TIRES/PRESSURE						
Urethane-filled trail wheel	N/A	N/A	16 x 6.5-8, ply, bar lug		16 x 6.5-8, ply, bar lug	
Tire assembly mass	N/A	N/A	18 lb	8.16 kg	18 lb	8.16 kg

ZAHN R300 POWER UTILITY SPECIFICATIONS

	U.S.	METRIC
DIMENSIONS		
Mobile length	70 in	1.78 m
Wheelbase	34.2 in	869 mm
Tractor back to rear axle	26.8 in	681 mm
Rear axle to attachment mounting	19.2 in	488 mm
Attachment mounting to front axle	15 in	381 mm
Mobile height	53.5 in	1.36 m
Ground clearance	5.3 in	135 mm
Platform height	10.7 in	272 mm
Width	36 in	914 mm
Angle of departure	25°	
Weight w/tires	1,290 lb	585 kg
Weight w/tracks	1,629 lb	738 kg
Mass	1,290 lb	585 kg
Vehicle clearance circle (SAE) wall to wall		
Right turn, 18 x 9.5-8 tires	11.3 ft	3.44 m
Left turn, 18 x 9.5-8 tires	10.5 ft	3.2 m
Right turn, tracks	15.8 ft	4.80 m
Left turn, tracks	16.7 ft	5.08 m
OPERATION		
Ground drive speed, forward/reverse		
Low	3.5 mph	5.6 km/h
High	5 mph	8 km/h
HYDRAULIC SYSTEM		
Auxiliary: gear pump		
Flow rate	12 gpm	46 l/min
Pressure	3,000 psi	207 bar
Ground drive: hydrostat		
Flow rate	19.3 gpm	73 l/min
Pressure	3,500 psi	241 bar
Ground pressure		
18x9.5-8 tires	10 psi	.7 bar
20x10-8 tires	9 psi	.6 bar
Tracks, averaged	3.11 psi	.21 bar

	U.S.	METRIC
POWER		
Engine	Kohler® CH750S	
Fuel	Gasoline	
Cooling medium	Air	
Number of cylinders	2	
Displacement	45.6 in³	747 cm³
Bore	3.3 in	83 mm
Stroke	2.7 in	69 mm
Manufacturer's power rating	30 hp	22.4 kW
Rated speed	3,600 rpm	
POWER TRAIN		
Parking brake	Mechanical, hand operated	
Service brake	Ground drive speed/direction control brakes machine hydraulically when moved to neutral position	
FLUID CAPACITIES		
Fuel tank	9 gal	34.06 L
Engine oil, w/filter	2 qt	1.9 L
Hydraulic reservoir	7.7 gal	29.1 L
Total hydraulic system volume	8.5 gal	32.2 L
TIRES/PRESSURE		
18 x 9.5-8, 2 ply, bar lug	12 psi	82.7 kPa
Tire assembly mass	22 lb	9.98 kg
Urethane filled 18 x 9.5-8, 2 ply, bar lug	N/A	
Tire assembly mass	36 lb	16.33 kg
Urethane filled 20 x 10-8, ply, bar lug	N/A	
Tire assembly mass	49 lb	22.23 kg
18 x 8.5-8, 2 ply, turf	22 psi	151.7 kPa
Tire assembly mass	20 lb	9.07 kg
BATTERY		
SAE reserve capacity rating	32 min	
SAE cold crank rating @ 0°F (-18°C)	200 amps	

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

SK850 FOOTINGS MACHINE



1 Ergonomic operator's station updated with customer-requested features for better comfort and efficiency; advanced monochrome in-dash display shows engine diagnostics and contains standard gauges.

2 Standard auto-throttle—incorporated into new LCD display—reduces engine throttle when no load is on the engine, for greater efficiency.

3 Tier 4 Yanmar® diesel engine with 36.9 hp (27.5 kW) provides outstanding power for all machine functions.

4 Multi-position trencher—centerline to offset digging—allows you to trench right up next to the backer board.

5 Trencher mounts directly to the frame of the powerful SK850, creating the most productive footings machine on the market.

6 Heavy-duty, 50,000-lb chain creates a clean, consistent trench up to 16 inches (41 cm) wide or up to 36 inches (91 cm) deep.

9 74-sq-inch (188-cm²) platform is larger and provides more ground clearance than the competition's, increasing operator comfort and stability.

8 Auxiliary control foot pedal helps you maintain hydraulic flow to the trencher, freeing your hands to control depth and ground speed.

7 With 43 inches (109 cm) of track on ground, machine has the stability to effectively cross-trench.



The Ditch Witch® SK850 Footings Machine combines the most productive and durable mini skid steer in its horsepower class with the most efficient footings trencher available. Now you have the ideal machine for creating footings for residential or commercial properties. Tight jobsites are no problem for this compact, powerful and ultra-durable machine, which creates cleaner, more consistent footings than an excavator can, and in less time.

WE'RE IN THIS TOGETHER.



SK850 FOOTINGS MACHINE SPECIFICATIONS

	U.S.	METRIC
DIMENSIONS*		
Trench depth, max	36 in	914 mm
Angle of approach	30°	
Angle of departure	27°	
Trench width, min to max	6-16 in	152-406 mm
Boom travel, up/down	60°	
Centerline trench to outside edge of unit, left	4-20 in	101-508 mm
Centerline trench to outside edge of unit, right	21-37 in	533-940 mm
Headshaft height, digging chain	23 in	584 mm
Height	57 in	1.4 m
Headshaft overhang	18 in	457 mm
Length, transport	124 in	3.15 m
Wheelbase	43 in	1.1 m
Width, transport	42 in	1.1 m
Tread	33.1 in	841 mm
Ground clearance	8.9 in	226 mm

POWER		
Engine	Yanmar® 3TNV88C	
Fuel	Diesel	
Emissions compliance	EPA Tier 4 Final	EU Stage IIIA
Number of cylinders	3	
Displacement	100.1 in ³	1.64 L
Bore	3.46 in	88 mm
Stroke	3.54 in	90 mm
Manufacturer's gross power rating	36.9 hp	27.5 kW
Estimated net power rating	35.1 hp	26.2 kW
Rated engine speed	3,000 rpm	
Tilt angle, fore and aft, max**	30°	
Tilt angle, side to side, max**	30°	

*Dimensions are based on TR50 attachment and 24" boom. **Exceeding these operating angles will cause engine damage. This does not imply that the machine is stable to maximum angle of safe engine operation. ***Operating weight based on TR50 attachment with 24" boom, 16" wide chain and 175-lb (79-kg) operator. Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

OPERATION		
Ground drive speed, max		
Forward/reverse	4.7 mph	7.6 km/h
Digging chain speed @ 3,000 rpm engine speed, max	402 fpm	122.5 m/min
Vehicle clearance circle (SAE)	21.8 ft	6.7 m
Operating weight***	3,840 lbs	1742 kg
Headshaft speed @ 2,300 rpm engine speed, max	210 rpm	
Auger: single, tapered, w/outboard support bearing		
Diameter, max	10 in	254 mm
Diameter, min	9 in	229 mm
Length	20 in	508 mm

HYDRAULIC SYSTEM		
Auxiliary circuit		
Double gear pump		
Flow rate (Pump #1)	8.8 gpm	33 l/min
Flow rate (Pump #2)	5.1 gpm	20 l/min
Pressure	3,625 psi	250 bar
Ground drive		
Dual hydrostat		
Flow rate	15 gpm	56.8 l/min
Pressure	3,625 psi	250 bar

FLUID CAPACITIES		
Fuel tank	10.5 gal	39.7 L
Engine oil, initial	5 gal	18.9 L
Hydraulic reservoir	9.2 gal	34.8 L
Hydraulic system	11.55 gal	43.7 L

BATTERY		
SAE reserve capacity rating	110 min	
SAE cold crank @ 0°F (-18°C)	800 amps	
Electrical system	12V	

NOISE LEVEL		
Operator ear sound pressure	91 dBA	
Exterior sound power	104 dBA	

VIBRATION LEVEL		
During normal trenching operation, vibration transmitted to the operator's:		
Hand	32.2 ft/sec ²	9.82 m/sec ²
Whole body	6.2 ft/sec ²	1.9 m/sec ²

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