

SKID STEER spec guide

By Equipment Today

Skid-steer loaders are arguably the most versatile tools on a jobsite, with capabilities that enable them to tackle a wide range of tasks with ease. Following is a look at the specs and key features that make each brand and model unique. To learn more, visit the URL shown to request more information. You can also utilize the **exclusive interactive, customizable version of this spec guide at ForConstructionPros.com/specguide/skid-steer** to sort and compare models based on your specific requirements.

Wacker Neuson

Wacker Neuson's new line of medium frame skid steers was engineered in and for the North American market at the company's Menomonee Falls, WI facility. They feature greater hinge pin height and hydraulic horsepower, optimal maintenance and service access, plus a spacious operator's station for units this size. The Kohler engines come standard with a 4-year, 4,000-hour engine warranty, providing value to customers whether they are buying the machine new or in its secondary life.

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Wacker Neuson

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
SW16	56	6,170	1,600	5,300	118	20
SW17	74	6,245	1,700	5,300	118	20
SW20	56	6,437	2,000	5,300	124	20
SW21	74	6,512	2,100	5,300	124	20
SW 24	74.3	7,865	2,350	6,717	125	22.5
SW 28	74.3	8,283	2,800	6,717	134	22.5



CASE Construction Equipment

CASE Tier 4 Final Alpha Series skid-steer loaders feature greater breakout forces, torque, hydraulic flow and visibility. EZ-EH controls allow operators to switch between personalized speed and control

settings, and program up to nine different presets to recall operator settings at the touch of a button. An available Ride Control option automatically steadies the loader arm when traveling, while the machine automatically compensates with greater shock absorption and reduced loader arm bounce.

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CASE Construction Equipment

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
SR130	45.8	5,180	1,300	4,180	112	17.5
SR160	57	5,645	1,600	5,270	112	18.4
SR175	64	6,270	1,750	7,270	122	20.6
SV185	57	6,570	1,850	5,550	120	20.6
SR210	68	6,970	2,100	7,270	123	24.2
SR240	68	7,400	2,400	8,680	125.1	24.2
SR270	84	8,117	2,700	8,677	125.1	24.2
SV280	68	8,090	2,800	8,776	130	24.2
SV300	84	8,655	3,000	8,776	130	24.2
SV340	84	9,100	3,400	9,531	130	24.2

Kubota

A unique feature on Kubota's skid steer is the roll-up door. Its design allows the door to be locked in the open position so that the operator can continue to operate without removing and storing it. Plus, the door can be opened at any point of loader arm travel. The versatility of the skid steers continues to grow with the introduction of Kubota-branded hydraulic and non-hydraulic attachments.

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Kubota

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
SSV65	64	6,790	1,950	4,839	121.5	18
SSV75	74.3	8,157	2,690	5,884	128.3	20.9

Yanmar America

The Yanmar skid steers include a low-profile boom for optimal side-to-side visibility. Their longer wheelbase ensures a smoother ride, and a lower center of gravity provides added stability. The cab-forward design offers greater visibility and customized comfort, including padded adjustable armrests and adjustable control towers.

www.forconstructionpros.com/10075275

Yanmar America

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
S165R-1	68.4	6,122	1,650	4,591	119	18.9
S190R-1	68.4	6,880	1,900	4,050	120.5	18.5
S220R-1	70.7	7,980	2,200	5,600	123	23.5
S270V-1	70.7	8,150	2,700	5,795	130.3	23.5



JCB

JCB skid-steer loaders are recognized by their single-boom design that enables safe side-door entry/exit and enhanced operator visibility. The eight models in the range require no diesel particulate filter (DPF) and deliver optimal performance, reliability and serviceability. In 2017, JCB launched the Teleskid (3TS-8W), a unique skid steer with a telescopic boom that allows operators to lift, reach and dig further than ever.

www.forconstructionpros.com/10073460

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
175	56	6,819	1,550	4,718	118	18.5
210	74	6,885-7,075*	2,114-2,338*	4,899	118	18.5
215	74	7,253-7,474*	2,112-2,258*	4,899	118	18.5
250	74	7,954	2,250	5,599	125	24
270	74	8,232	2,600	5,699	125	24
300	74	9,054	3,000	7,187	125	24
330	74	9,354	3,295	7,187	126	24
3TS-8W	76	9,859	3,207/1,347**	6,543/6,517**	126/159**	24

*Dependent on addition of optional suitcase counterweight kits **Retracted/Extended

LiuGong

LiuGong's entry into the North American skid-steer loader market is the 385B model, which is fully compliant with Tier 4 Final emissions requirements. It features a .66-cu.-yd. bucket attached to a quick coupler that is compatible with skid-steer industry standard work tools. Third-valve hydraulic function along with high-flow hydraulics are standard, providing the user with maximum versatility and productivity on the jobsite.

www.forconstructionpros.com/10072790



LiuGong Construction Machinery

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
385B	70	8,250	2,300	6,699	129	31



John Deere

The John Deere skid-steer lineup features six vertical lift and two radial lift models. Improvements in horsepower-to-weight ratios and an optimized boom design enable lift heights over 10 ft. on the vertical lift models and a 20% increase in breakout forces on the radial lift models. Flexible control choices allow contrac-

tors to choose between standard foot and hand controls, optional hands-only controls or enhanced (EH) joystick controls that are switchable between ISO- and H-pattern.

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John Deere

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
312GR	48	5,995	1,550	3,700	115.1	31
314G	48	6,315	1,760	3,500	120	31
316GR	61	6,375	1,750	4,000	115.1	33
318G	61	6,475	1,945	4,250	120	33
320E	66	7,150	2,190	4,200	121.5	38
324E	70	7,500	2,690	6,000	125.5	42
330G	88.5	9,900	3,000	7,600	132	47
332G	96.6	10,000	3,600	9,250	132	50



Bobcat Company

The compact M2-Series loaders from Bobcat offer a variety of performance, operator comfort and visibility enhancements to help increase operator productivity and provide enhanced machine uptime protection. New features include reduced-effort controls, a quieter cab, optional side lighting kit, automatic ride control option, redesigned top window and optional reversing fan.

www.forconstructionpros.com/10075912

Bobcat Company

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
S70	22.5	2,795	700	1,950	94.5	9.8
S450	46.7	5,027	1,300	2,776	109.5	16.7
S550	58.2	6,213	1,750	5,470	114.5	17.1
S570	58.2	6,480	1,950	5,470	119	17.1
S590	62.9	6,593	2,100	5,470	119	17.1
S595	70.5	6,793	2,200	5,740	119	17.1
S630	70.5	7,610	2,180	6,960	121	23
S650	70.5	8,061	2,690	6,960	124	23
S740	70.9	8,794	3,100	6,676	132	23
S770	88.2	9,314	3,350	6,831	132	23
S850	95.9	10,237	3,950	9,686	144	23
A770	88.2	9,623	3,325	6,531	132	23



Gehl

Gehl offers a wide selection of radial and vertical lift skid loaders, providing a rated operating capacity range from 1,050 to 4,000 lbs. The patented "power-view" lift arm design is built to tackle heavy-duty lifting along with providing optimized side-view visibility. Controls for the loaders can be customized from the factory with four options to select from: the Gehl T-Bar control system, joystick hydraulic pilot controls, hand/foot controls or dual hand style.

www.forconstructionpros.com/10073086

Gehl

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
R105	33.1	4,000	1,050	2,800	108.1	14.5
R135	44.5	5,130	1,350	2,910	110	17
R150	44.5	5,930	1,500	4,450	120.5	17
R165	68.4	6,165	1,650	4,591	123	18.9
R190	68.4	6,880	1,900	4,050	120.5	18.5
R220	70.7	7,980	2,200	5,600	123	23.5
R260	70.7	8,200	2,600	5,640	123	23.5
V270 GEN:2	70.7	8,150	2,700	5,233	130.3	21.8
V330 GEN:2	70.7	9,090	3,300	5,850	131.2	21.8
V400	--	11,100	4,000	8,200	144	32



New Holland

In 2017, New Holland is celebrating 45 years of the Super Boom Vertical lift design that paved the way for its skid steers' leading lift height and reach. Its models are designed for optimal jobsite safety afforded by clear visibility from the cab. They also offer the torque needed to power through a tough dig, relying on their composite boom stops to channel the forces into the chassis instead of the rear pivot pins.

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New Holland						
Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
L213	46	5,070	1,300	4,180	112	17.5
L216	57	5,510	1,600	5,270	112	18.4
L218	57	5,930	1,800	5,550	120	20.6
L220	64	6,470	2,000	7,300	121	20.6
L221	68	6,970	2,100	7,270	123	24.2
L228	68	8,245	2,800	8,620	129	24.2
L234	84	8,900	3,400	9,323	131	24.2



Takeuchi

Takeuchi radial and vertical lift skid loaders offer up to a 3,500-lb. operating capacity, available high flow up to 31 gpm and a Tier 4 Final diesel engine that only requires a diesel oxidation catalyst for exhaust aftertreatment. Pilot-operated controls are standard, along with a one-piece steel reinforced frame. An upgraded multi-informational display with digital gauges and menu navigation have been added, as well.

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Takeuchi						
Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
TS80R2	74	7,950	2,825	5,845	125	21.5
TS80V2	74	8,965	3,500	5,920	130	26



Rhino Equipment

The RHINO RS skid steers have high-output engines and come fully equipped with ample visibility and protection. The standard model includes a hydraulic line and a quick-release system to change the wide range of available accessories in minutes. Due to their size, the loaders can maneuver easily in confined spaces. They have high loading capacities and are agile and quick, allowing for short operating cycles. They are easy to maintain and provide easy access to critical components thanks to the positioning of systems.

www.forconstructionpros.com/12144955

Rhino Equipment						
Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
RS50-S	60	6,834	2,337	4,097	156	17
RS60-S	75	7,760	2,866	6,970	124.8	21

Kato Compact Excavator Sales

IHIMER currently makes two different models of rubber-tired skid steers that are sold in the U.S. by Kato Compact Excavator Sales. The AS-34 and the AS-12 come standard with pilot-operated joystick controls, making it easier on less experienced operators to get in the machine and adapt quickly to the controls. Each machine model is also available with either open or fully enclosed cab for maximum comfort

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Kato Compact Excavator Sales

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
AS-12	21	2,955	728	1,658	100	7.4
AS-34	82.2	7,718	2,250	6,254	122.8	36

Mustang

With 50+ years of skid steer experience, Mustang is recognized for its reliability and integrity in the construction market. It now offers a complete lineup of 10 radial lift and vertical lift units, providing options from compact to full size and ranging from 1,050- to 4,000-lb. rated operating capacities.

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Mustang

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
1050R	33.1	4,000	1,050	2,800	108.1	14.5
1350R	44.5	5,130	1,350	2,910	110	17
1500R	44.5	5,930	1,500	4,450	120.5	17
1650R	68.4	6,165	1,650	4,591	123	18.9
1900R	68.4	6,880	1,900	4,050	120.5	18.5
2200R	70.7	7,980	2,200	5,600	123	23.5
2600R	70.7	8,200	2,600	5,640	123	23.5
2700V NXT2	70.7	8,150	2,700	5,233	130.3	21.8
3300V NXT2	70.7	9,090	3,300	5,850	131.2	21.8
4000V	--	11,100	4,000	8,200	144	32

2017 SKID-STEER LOADER SPEC GUIDE



Caterpillar Inc.

Cat skid-steer loaders provide many features that help an operator on the jobsite to work safer (rearview mirror, rearview camera) and more comfortably (one-piece sealed and pressurized cab, plus a high-back, heated seat with air suspension). They can also be more productive thanks to operator-specific machine settings, speed sensitive ride control, return to dig/work tool positioner, raise and lower self-level system and high-flow auxiliary hydraulic system.

www.forconstructionpros.com/10075307

Caterpillar Inc.						
Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
226D	65.8	5,705	1,550	3,983	111	18
236D	73.2	6,559	1,800	5,074	122.9	20
232D	65.8	6,213	1,850	3,984	118	18
242D	73.2	6,980	2,150	5,034	121.1	20
246D	72.9	7,424	2,150	7,355	124.2	23
262D	72.9	8,011	2,700	7,355	124.9	23
272D2	95	8,768	3,400	7,443	127.1	23
272D2 XHP	106	9,255	3,650	7,362	128.6	23



Volvo Construction Equipment

The Volvo line of skid steers is appealing for their small size and versatility. The single loader arm design is durable, safe and provides optimal visibility. The automatic quick-attach option allows users to change attachments quickly and easily without exiting the cab. Increased rated operating capacity and greater hydraulic flow allow for completion of heavier duty tasks and the ability to run bigger attachments while remaining lightweight and easy to transport.

www.forconstructionpros.com/10075146

Volvo Construction Equipment						
Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
MC60C	47.2	6,153	1,495	4,012	118	18.5
MC70C	55.7	6,355	1,550	4,012	118	18.5
MC85C	47.2	6,724	1,750	4,718	118	18.5
MC95C	60.5	7,054	1,900	4,718	118	18.5
MC110C	72.6	7,954	2,454	5,699	125	24
MC115C	72.6	8,232	2,724	5,699	125	24
MC135C	72.6	9,054	3,012	7,187	125	24