

# 2021 SKID STEER spec guide

By Equipment Today

Skid steers are perhaps the most versatile machines on a jobsite, with capabilities that enable them to tackle a wide range of tasks. Here's a look at models from all the major suppliers, plus a look at system advances that help to maximize productivity and performance. To learn more, use the URL shown. Also be sure to visit the **interactive version of this spec guide at [www.ForConstructionPros.com/specguide/skid-steer](http://www.ForConstructionPros.com/specguide/skid-steer)** to sort and compare models and specs based on your specific requirements.



## GEHL

Gehl's hydraulic systems boost productivity by using some of the top technology combined with innovation. Hydraulic component efficiencies have improved through the years, allowing the machines to do more with small engines without sacrificing power. They consume less fuel and operate quieter than machines of the past. For maximum power, the range goes up to what is reported to be the largest skid steer in the market, the V420, which offers 120 hp and a rated operating capacity of 4,200 lbs.

[www.forconstructionpros.com/10073086](http://www.forconstructionpros.com/10073086)

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbf.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
R105	34.7	4,200	1,050	2,975	107.5	14.5
R135 GEN:2	46.6	5,255	1,350	3,500	110	16.8
R165	69.3	6,165	1,650	4,591	118.8	20.4
R190	69.3	6,880	1,900	4,050	120.5	18.5
R220	72	7,980	2,200	5,600	123	23.5
R260	72	8,200	2,600	5,600	123	23.5
V270 GEN:2	72	8,150	2,700	5,795	130.3	23.5
V330 GEN:2	72	9,090	3,300	5,968	131.2	23.5
V420	120.7	11,665	4,200	9,040	143.8	30.1

## NEW HOLLAND

New Holland's skid-steers include a new 8-in. LCD multifunction display that provides features like maintenance tracking, engine protection and ignition time-out right at your fingertips. Along with the easy to navigate user experience, the display offers electrohydraulic control settings that allow the operator to customize and adjust machine settings. The upgraded wiring components and drive pump sensors provide advanced features such as Auto

Straight Line Tracking and CREEP mode when precision operation is critical.

[www.forconstructionpros.com/10072472](http://www.forconstructionpros.com/10072472)



Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
L316	57	5,510	1,600	5,270	9' 4"	18.4
L318	57	5,930	1,800	5,550	10'	20.6
L320	64	6,470	2,000	7,300	10' 1"	20.6
L321	68	6,970	2,100	7,270	10' 3"	24.2
L328	68	8,245	2,800	8,620	10' 9"	24.2
L334	84	8,900	3,400	9,323	10' 11"	24.2

## JOHN DEERE

John Deere skid steers feature turbocharged diesel engines that meet emission standards, run smooth and pack plenty of power and torque to take on a variety of different applications. This power system design delivers the tractive effort and leverage needed to handle heavy loads and power through rock or dirt piles, plus enhance productivity during grading or cleanup tasks. A key feature on Large Frame models is the Anti-Stall feature that monitors the engine load to quickly prevent the engine from stalling. This allows the operator to use the maximum horsepower efficiently when pushing large amounts of material.

[www.forconstructionpros.com/10073480](http://www.forconstructionpros.com/10073480)



Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Hydraulic Flow (gpm)
312GR	48	5,905	1,550	5,000	115	31
314G	48	6,140	1,760	5,000	120	31
316GR	61	6,180	1,750	5,250	115	33
318G	61	6,542	1,945	6,000	120	33
320G	66	7,150	2,190	6,000	122	39
324G	70	7,700	2,690	8,750	126	42
330G	89	9,900	3,000	10,300	132	47
332G	97	10,000	3,600	13,904	132	50



## CATERPILLAR INC.

Cat D3 series skid-steer loaders feature a hydraulic system that delivers optimal pushing power and breakout for everyday tasks. For more demanding tasks, the available High Flow XPS system supplies a high-flow, high-pressure auxiliary hydraulic system (32 gpm max/4,061 psi max). The additional pressure provided with the High Flow XPS system delivers enhanced productivity with demanding hydromechanical attachments such as cold planers (milling heads), wheel saws, stump grinders or industrial brush cutters.

[www.forconstructionpros.com/10075307](http://www.forconstructionpros.com/10075307)

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
226D3	66	5,849	1,550	3,927	110.9	18
236D3	73	6,567	1,800	5,003	122.9	20
232D3	66	6,514	1,900	3,928	118.1	18
242D3	73	7,138	2,200	4,963	121.1	20
246D3	73	7,478	2,200	7,355	124.2	23
262D3	73	8,296	2,700	7,355	124.9	23
272D3	95	9,133	3,450	7,443	127.1	23
272D3 XE	106	9,573	3,700	7,362	128.6	23





## WACKER NEUSON

The Kohler KDI Tier 4 Final engines that power the Wacker Neuson skid-steer and compact track loader lineup were chosen to optimize productivity and reduce downtime. The DOC-only aftertreatment system does not require filter maintenance, reducing downtime and operating costs. The system also does not require regeneration cycles, which negatively impact loader performance and can lead to work stoppages. The loaders' aftertreatment system is worry free so operators can focus on production.

[www.forconstructionpros.com/10075166](http://www.forconstructionpros.com/10075166)

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	74.3	6,245	1,700	5,300	118	20
SW20	56	6,437	2,000	5,300	124	20
SW21	74.3	6,512	2,100	5,300	124	20
SW 24	74.3	7,840	2,400	6,941	126.8	22.1
SW 28	74.3	8,175	2,800	6,941	134.8	22.1
SW32	100	8,629	3,200	6,941	134.8	25.1



## BOBCAT COMPANY

Bobcat R-Series compact loaders offer enhanced comfort plus a variety of features and options to enhance productivity and performance. They include redesigned lift arms featuring cast steel segments; an improved cooling system; one-piece sealed and pressurized cab design; clear side enclosure option; inline engine design and durable direct drive system; 5-Link torsion suspension undercarriage option; cast steel Bob-Tach attachment mounting system; ergonomic controls; and innovative displays with device connectivity.

[www.forconstructionpros.com/10075912](http://www.forconstructionpros.com/10075912)

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
S70	23.5	2,892	760	2,028	7' 10.5"	9.8
S450	49	5,370	1,370	2,776	9' 1.5"	16.7
S590	68	6,765	2,000	5,470	9' 11"	17.1
S595	70.5	6,793	2,200	5,740	9' 10"	17.1
S740	74	8,794	3,100	6,676	10' 11.4"	23
A770	88.2	9,623	3,325	6,531	10' 11"	23
S770	92	9,314	3,350	6,831	10' 11.4"	23
S850	100	10,237	3,950	9,686	12'	23
S510	55	6,208	1,876	--	9' 6.5"	--
S62	68	6,884	2,100	6,960	9' 6.5"	17.6
S64	68	6,974	2,300	6,960	10'	17.6
S66	74	7,154	2,400	5,851	10'	23.3
S76	74	8,615	2,900	--	10' 8.3"	--

## CASE CONSTRUCTION EQUIPMENT

Case B Series skid steers have been enhanced to deliver an intuitive operating experience while also standing up to the rigors of heavy earthmoving and attachment use. The B Series retains the styling of previous models, yet operational systems have been re-engineered for greater performance and have been fully integrated with new control and operator interfaces to give operators a powerful match of productivity, efficiency and convenience.

[www.forconstructionpros.com/10072356](http://www.forconstructionpros.com/10072356)



Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
SR160B	57	5,645	1,600	5,270	112	18.4
SR175B	64	6,270	1,750	7,270	122	20.6
SV185B	57	6,570	1,850	5,550	120	20.6
SR210B	68	6,970	2,100	7,270	123	24.2
SR240B	68	7,400	2,400	8,680	125.1	24.2
SR270B	84	8,117	2,700	8,677	125.1	24.2
SV280B	68	8,090	2,800	8,776	130	24.2
SV340B	84	9,100	3,400	9,531	130	24.2



## KUBOTA

The SSV Series is powered by a Kubota Tier 4-certified, four-cylinder diesel engine and features standard two-speed travel and optional high-flow hydraulics. Borrowed from the company's compact track loaders, the proven loader arm design with vertical geometry can push and dig as well as a radial machine. It is reinforced in all the right areas, including critical connections to the coupler and rear crossbar.

[www.forconstructionpros.com/10073594](http://www.forconstructionpros.com/10073594)

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





## MANITOU

Because it is the heart of the machine, reliability and performance of the engine is Manitou's No. 1 priority. By powering its machines with the top engine suppliers, it is able to offer complete skid-steer product lines with machines ranging from

some of the biggest in the industry down to the nimble R1050, which has an overall envelope of only 89" x 48" x 70".

[www.forconstructionpros.com/10073779](http://www.forconstructionpros.com/10073779)

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbf.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
1050R	34.7	4,200	1,050	2,975	107.5	14.5
R1350R NXT2	46.6	5,255	1,350	3,500	110	16.8
1650R	69.3	6,165	1,650	4,591	118.8	20.4
1950R	69.3	6,880	1,900	4,050	120.5	18.5
2200R	72	7,980	2,200	5,600	123	23.5
2600R	72	8,200	2,600	5,600	123	23.5
2700V NXT2	72	8,150	2,700	5,795	130.3	23.5
3300V NXT2	72	9,090	3,300	5,968	131.2	23.5
4200V	120.7	11,665	4,200	9,040	143.8	30.1

## KOVACO ELECTRIC

Using a patented disposition of three motors has allowed Kovaco to enhance the maximum endurance and power of its niche skid steers. According to the company, it has created its own category of electric loader with a high rating in performance and literally no maintenance that can't be compared with any conventional diesel models in the same category.

[www.forconstructionpros.com/10073594](http://www.forconstructionpros.com/10073594)



Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)*
Elise 900	3x36.21	7,275	1,984	7,385	143.19	17.17
Elise 1400	3x36.21	8,377	3,086	7,385	143.19	17.17

\*For boom only; electric attachments used on both models

## MUSTANG

Mustang by Manitou designs a wide range of skid loaders to ensure that its customers are productive on the job. With models ranging from 1,050- to 4,200-lb. operating capacities, the product portfolio ensures that users can be confident that the company offers a machine suited for the task. A standard Level II FOPS provides operators safety assurance with regard to operating in environments with potential airborne objects.

[www.forconstructionpros.com/10073977](http://www.forconstructionpros.com/10073977)



Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
1050R	34.7	4,200	1,050	2,975	107.5	14.5
1350R NXT:2	46.6	5,255	1,350	3,500	110	16.8
1650R	69.3	6,165	1,650	4,591	118.8	20.4
1900R	69.3	6,880	1,900	4,050	120.5	18.5
2200R	72	7,980	2,200	5,600	123	23.5
2600R	72	8,200	2,600	5,600	123	23.5
2700V NXT:2	72	8,150	2,700	5,795	130.3	23.5
3300V NXT:2	72	9,090	3,300	5,968	131.2	23.5
4200V	120.7	11,665	4,200	9,040	143.8	30.1



## JCB

Engine advancements in skid-steer models have resulted in engines that produce enhanced torque and horsepower while using less fuel, making them more efficient than previous models. In addition, electrohydraulic controls have improved machine efficiency, allowing the main control valve to be powered by electric signals instead of servo hydraulics.

[www.forconstructionpros.com/10073460](http://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)
215	74	7,253-7,445 <sup>a</sup>	1,477-2,257 <sup>a</sup>	4,899	118	18.5
270	74	8,680	2,723	6,543	126	24
300	74	9,288	3,186	6,543	126	24
3TS-8W (Teleskid)	74	9,859	3,208/1,347 <sup>b</sup>	6,473/6,695 <sup>b</sup>	126/159 <sup>b</sup>	24

<sup>a</sup> Dependent on addition of optional suitcase counterweight kits <sup>b</sup> Retracted/Extended



## KATO

KATO's AS12 delivers enhanced performance in a compact package that comes as narrow as 3 ft. 1 in. and has an overall length of 8 ft. 6 in. Combined with an operating weight of just over 3,000 lbs. and a 1,455-lb. tipping load, it can easily maneuver loads into the narrowest of spaces. Operator comfort and minimizing fatigue is a key consideration on this machine. The interior offers clearance of up to 28 in., a comfortable adjustable seat and easy to operate controls.

[www.forconstructionpros.com/10073360](http://www.forconstructionpros.com/10073360)

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
AS12	21	3,016	728	1,641	8' 4"	9.25

## ASV HOLDINGS INC.

Today's engines are packed with more power in smaller sizes, providing as much as or more horsepower than previous designs. This means ASV is able to fit more power into smaller machines. In addition, pumps, drive motors and valves are becoming more efficient, allowing more horsepower to be directed to the attachment. The advanced control capabilities of these systems also allow better operator control, finesse and immediate response, making the machines more productive and easier to use for both expert and novice operators.

[www.forconstructionpros.com/10072072](http://www.forconstructionpros.com/10072072)



Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
MAX-Series RS-75	70	7,595	2,600	5,845	125	21.3
MAX-Series VS-75	70	8,910	3,500	5,920	130	26.1





## SUNWARD

The SWL3230 skid-steer loader brings speed, reliability and the optimal amount of power to the table. With a 74-hp Kubota engine, this machine can easily load up to 8,000 lbs. It has a tipping load of 4,854 lbs. and can quickly maneuver around the jobsite with a max speed of 7.8 mph. The compact unit has a turning radius of just 4 ft. 5 in.

[www.forconstructionpros.com/21134313](http://www.forconstructionpros.com/21134313)

Model	Net HP	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Std. Hydraulic Flow (gpm)
SWL3230	75.3	7,613	2,427	5,472	123	22.7

## SELECT COMPACT EQUIPMENT TO REDUCE FATIGUE

Operator fatigue cuts into productivity and can impact safety. Eliminating it is a constant challenge for OEMs when designing compact equipment.

Key features to consider in today's models to help combat fatigue and increase operator productivity include:

**Machine Controls** – Control lever movements are one of the primary causes of operator fatigue. The further it takes to actuate a control lever and the greater the resistance felt, the more it will wear on an operator over the course of a full shift. This is part of the reason there's been such a shift to joystick controls, which offer lower lever efforts and a shorter throw.

**Visibility** – When operators have to lean forward to see the cutting edge or strain to look over their shoulder to see to the side and rear of the machine, it stresses their back and neck. Features such as large doors, large side windows and a rear hood that tapers quickly down can aid visibility. Cameras can also help with rear visibility.

**Cab Design** – Compact equipment design must balance the needs of operators of various sizes with the need for functionality, all within the space limitations of the machine. Take into account interior space as well as comfort features such as an enclosed cab with HVAC and high-quality air ride seat.

**NVH** – Noise, vibration and harshness (NVH) are the No. 1 contributor to operator fatigue. Designs that mitigate noise and vibration levels can keep operators comfortable and productive throughout the workday.

Learn more at [www.ForConstructionPros.com/21087260](http://www.ForConstructionPros.com/21087260).



SCAN ME



## GO ONLINE

Visit the interactive version of this spec guide at [www.ForConstructionPros.com/specguide/skid-steer](http://www.ForConstructionPros.com/specguide/skid-steer) to sort and compare models and specs based on your specific requirements.

The screenshot shows the 'SKID STEER spec guide' page on ForConstructionPros.com. It features a search bar, filter options (Manufacturer, Sort By), and a table of specifications for various skid-steer loader models from manufacturers like ASV, Bobcat, Case, and Gehl. The table columns include Model No., Engine HP (net), Operating Weight (lbs.), Rated Operating Capacity (lbs.), Breakout Force (lbs.), Height to Hinge Pin (in.), Standard Hydraulic Flow (gpm), and Vertical (V) or Radial (R) Lift.

Manufacturer	Model No.	Engine HP (net)	Operating Weight (lbs.)	Rated Operating Capacity (lbs.)	Breakout Force (lbs.)	Height to Hinge Pin (in.)	Standard Hydraulic Flow (gpm)	Vertical (V) or Radial (R) Lift
ASV Holdings	MAX-Series RS-75	70	7595	2600	5845	125	21.3	R
ASV Holdings	MAX-Series VS-75	70	8910	3500	5920	130	26.1	V
Bobcat	S70	23.5	2892	760	2028	94.5	9.8	R
Bobcat	S450	49	5370	1370	2776	109.5	16.7	R
Bobcat	S590	68	6765	2000	5470	119	17.1	V
Bobcat	S595	70.5	6793	2200	5740	118	17.1	V
Bobcat	S740	74	8794	3100	6676	131.4	23	V
Bobcat	A770	88.2	9623	3325	6531	131	23	V
Bobcat	S770	92	9314	3350	6831	131.4	23	V
Bobcat	S850	100	10237	3950	9686	144	23	V
Bobcat	S510	55	6208	1876	5145	114.5	17.6	V
Bobcat	S62	68	6884	2100	6960	114.5	17.6	V
Bobcat	S64	68	6974	2300	6960	120	17.6	V
Bobcat	S66	74	7154	2400	5851	120	23.3	V
Bobcat	S76	74	8615	2900	128.3			
CASE	SR160B	57	5645	1600	5270	112	18.4	R
CASE	SR175B	64	6270	1750	7270	122	20.6	R
CASE	SV185B	57	6570	1850	5550	120	20.6	V
CASE	SR210B	68	6970	2100	7270	123	24.2	R
CASE	SR240B	68	7400	2400	8680	125.1	24.2	R
CASE	SR270B	84	8117	2700	8677	125.1	24.2	R
CASE	SV280B	68	8090	2800	8776	130	24.2	V
CASE	SV340B	84	9100	3400	9531	130	24.2	V
Caterpillar	226D3	66	5849	1550	3927	110.9	18	R
Caterpillar	236D3	73	6567	1800	5003	122.9	20	R
Caterpillar	232D3	66	6514	1900	3928	118.1	18	V
Caterpillar	242D3	73	7138	2200	4963	121.1	20	V
Caterpillar	246D3	73	7478	2200	7355	124.2	23	R
Caterpillar	262D3	73	8296	2700	7355	124.9	23	V
Caterpillar	272D3	95	9133	3450	7443	127.1	23	V
Caterpillar	272D3 XE	106	9573	3700	7362	128.6	23	V
Gehl	R105	34.7	4200	1050	2975	107.5	14.5	R
Gehl	R135 GEN.2	46.6	5255	1350	3500	110	16.8	R
Gehl	R165	69.3	6165	1650	4591	118.8	20.4	R
Gehl	R190	69.3	6880	1900	4050	120.5	18.5	R
Gehl	R220	72	7980	2200	5600	123	23.5	R