

Schäffer Lader

THE COMPACT CLASS

2020 | 2024 | 2027 | 2030

2033 | 2336 | 2345



**Superiority in
compact format**

YARD-, WHEEL- AND TELESCOPIC LOADERS ...

from 14 kW (20 HP) to 132 kW (180 HP). At SCHÄFFER Loaders, we have a proud 50 year history of creating loaders for individual requirements. Our customers have made us what we are today: one of the world's most competitive and successful suppliers of yard loaders, wheel loaders and telescopic loaders. Every day our team creates new custom solutions that combine years of experience with a spirit of innovation. Our products set industry standards for reliability and durability, which means you save with lower servicing costs over the life of your vehicle. The Schaffer name is your assurance of superior performance, safety and comfort for years to come.

made by SCHÄFFER



THE SCHÄFFER *COMPACT CLASS*: SUPERIORITY IN COMPACT FORMAT

The compact class is one of the most successful series ever built by SCHÄFFER. They have been specifically developed for use in confined spaces. No compromises were, however, made as regards reliability and ergonomics. In line with all other SCHÄFFER models, the machines of the compact class stand for excellent safety and low operating costs.

They thus meet the requirements of users in agriculture, manufacture, horticulture, landscape gardening and the equestrian sector as well as in the building industry. A wide range of equipment and attachments made the machines extremely versatile.

THE COMPACT CLASS

2020 | 14,7 kW (20 HP)

2027 | 19 kW (26 HP)

2033 | 24 kW (33 HP)

2345 | 33 kW (45 HP)

2024 | 19 kW (26 HP)

2030 | 22 kW (30 HP)

2336 | 26 kW (36 HP)



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SCHÄFFER LOADER 2020, 2024 AND 2027: SIMPLE, EFFICIENT AND GOOD VALUE FOR MONEY.

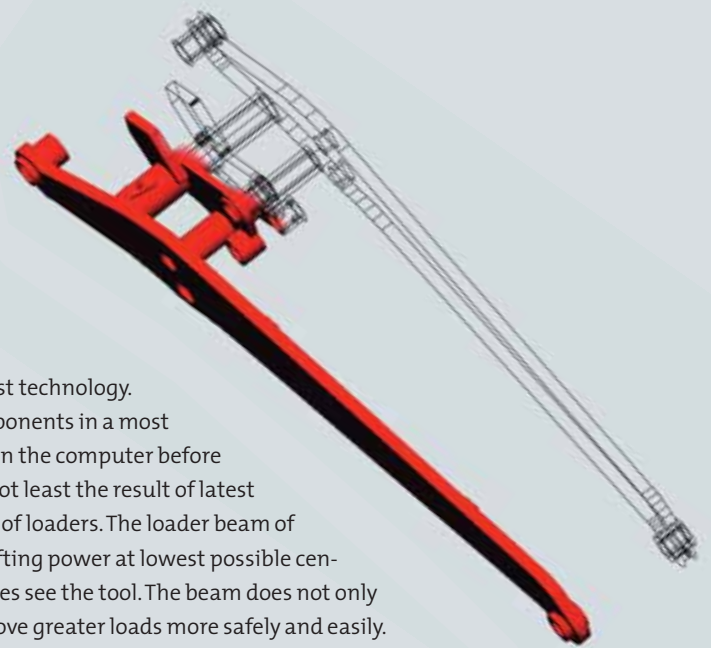
Especially in the tightest of spots these loaders are very useful. With an overall width of 79 cm the SCHÄFFER 2020 will pass through almost every door. With 89 cm his big brothers are only marginally wider. Also in previously inaccessible buildings manual work can be mechanized. The job will be done faster, easier and more productive.

The appearance of the machines is very similar. The differences mainly manifest themselves in different transmission systems. Thanks to their simple technology, the 2020 and 2024 models offer the most affordable entry into the SCHÄFFER World. The machines have the same high quality as all SCHÄFFER loaders. They retain their value over years. Also the most compact SCHÄFFER achieve high prices as a second hand machine.



STATE-OF-THE-ART DESIGN

In the design and manufacture of its loaders, SCHÄFFER uses the latest technology. Three-dimensional CAD enables our engineers to develop new components in a most efficient and reliable manner. New parts and models can be tested on the computer before they are even built. The unrivalled reliability of SCHÄFFER loaders is not least the result of latest technology combined with 50 years of experience in the production of loaders. The loader beam of the 2000 compact class has been designed to allow for maximum lifting power at lowest possible centre of gravity. The conical shape ensures that the driver can at all times see the tool. The beam does not only allow for high lifting heights but also great reach, so that you can move greater loads more safely and easily.



SCHÄFFER 2027 WITH HYDROSTATIC DRIVE AND FOOT PEDAL CONTROL

With the hydrostatic four-wheel-drive the loader 2027 can be operated very easily. Like models 2020 and 2024, the diesel engine rpm is adjusted depending on conditions of use via hand throttle or accelerator. The direction of travel and velocity is controlled with a pedal on the left side of the machine. This outstanding ease of operation makes the machine very manoeuvrable. Especially in hard to reach areas with a lot of changes of travel speed and direction a big advantage. On model 2027 however, a variable displacement pump is used. This hydrostatic drive provides high pushing power, higher travel speed and effortless control. The transmission also incorporates a powerful engine braking – also ideal for accurate operation in confined spaces.



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THE SCHÄFFER LOADER 2030: THE COMPACT ENERGY MACHINE WITH AUTOMOTIVE CONTROL

There is nearly no other loader of this series which could take on the SCHÄFFER 2030 with regard to traction force and agility. The performance of the Kubota diesel motor is transferred by the hydrostatic drive and the original SCHÄFFER axles into the highest traction force.

Due to the automotive control the speed of the Diesel motor always adapts automatically to the called force. A stalling of the engine is not possible; it always works within the optimal range of speeds. The pulses of the gas pedal are immediately turned; the loader is always gas-driven. Compared to the previous model, the traction force has been increased once again due to the use of the latest drive components. The SCHÄFFER loader 2030: He can more than you would suppose.



Exceptional comfort is provided by the hydrostatic drive. Select the driving direction, start smoothly with any load and accelerate without shifting to the maximum speed of 15 or 20 km/h. The ergonomic control lever lets you determine the driving direction – and gives you sure control over the hydraulics as well. You can move even heavy loads with power and a fine touch. This makes work fun.



SCHÄFFER 2033: THE SMALLEST SCHÄFFER AVAILABLE WITH PROP-SHAFT AND MULTIPLE DISK BRAKE.

In case the 2030 is a bit too small, the 2033 comes up. This model offers even more pushing power. Due to the higher operating weight, the tipping load is much higher than for a 2030. A special feature is also the maintenance and almost wear-resistant multiple disc brake. This fully enclosed brake system is one of the best on the market and standard for use in much bigger wheel loaders.

Schäffer Lader

THE SCHÄFFER 2300 SERIES: CUSTOMIZED LOADERS

The new series of 2300 SCHÄFFER is hard to beat when it comes to equipment variants. SCHÄFFER is able to offer customized loaders. One example: As a standard the loaders are equipped with a foldable ROPS-roll bar. There are also protection roofs, canopies or spacious cabins available. No matter in which specification the loader will be delivered: The high SCHÄFFER quality is certainly built in. Thus, the strength of the maintenance-free pendulum/articulation joint was increased again. The significant increased tipping loads are coped with easiness. Even in ergonomics the SCHÄFFER loaders are at top of their class. The driver has more space and is pleased with perfectly operable working hydraulics. The powerful four wheel traction drive is fun. The new 4 cylinder motors are running extremely smooth. Independent benchmark tests confirm the high level of Schäffer quality again and again.

THE 2300 SERIES OF SCHÄFFER: ADVANTAGES AT A GLANCE

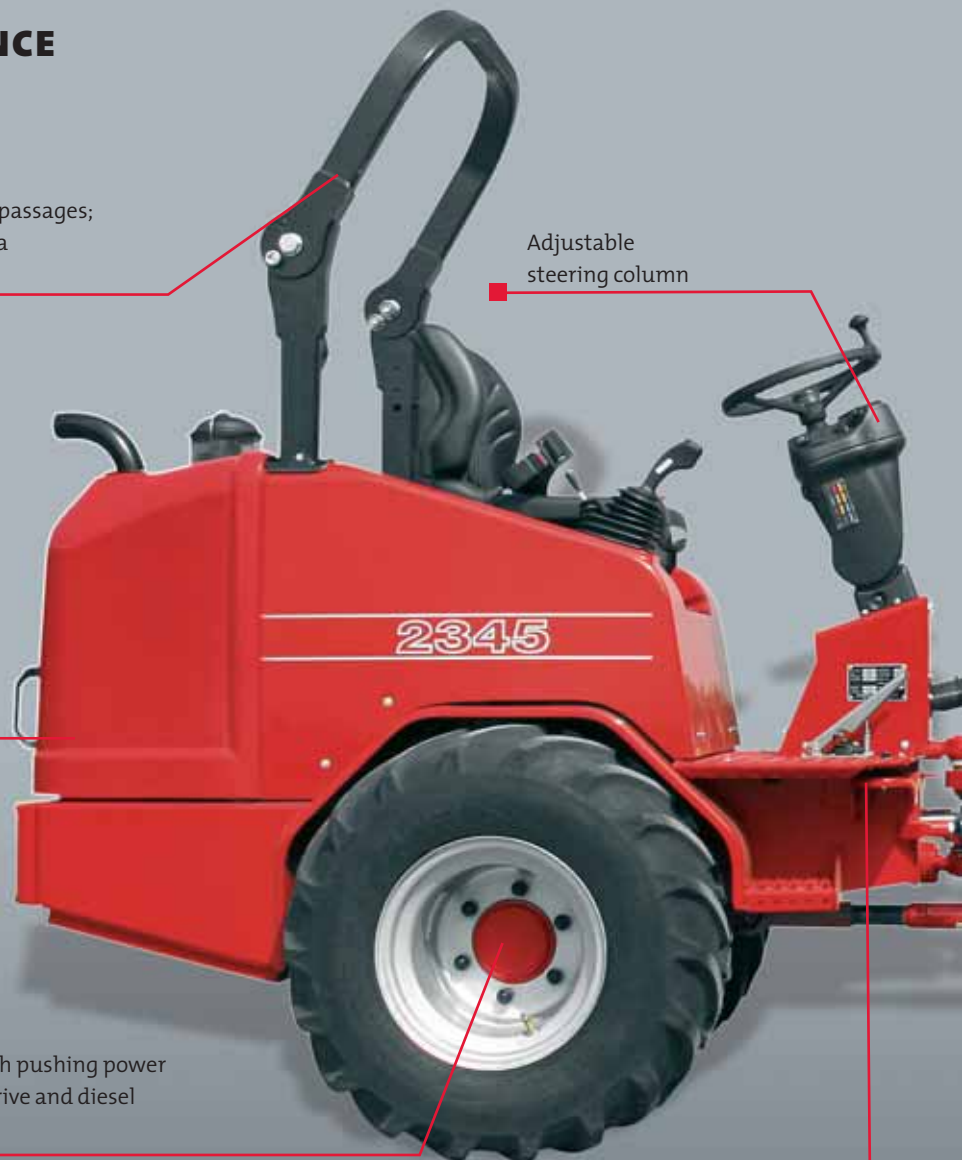
ROPS roll bar, foldable for low passages;
You can also choose between a
protection roof or cab.

Adjustable
steering column

Kubota: World market leader
of compact diesel motors.
Clean, moneysaving, powerful.

Original Schäffer axles: very strong, high pushing power
due to best setup of axle, hydrostatic drive and diesel
engine, payload of 5 t per axle.

Operators platform
with less vibrations.



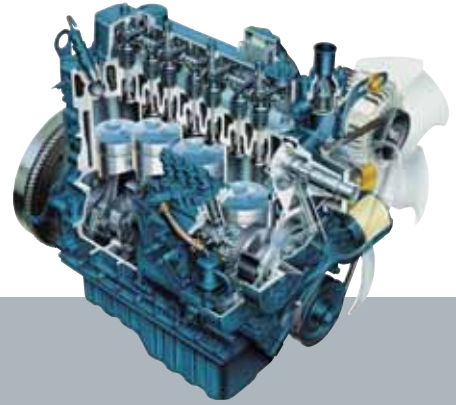


SCHÄFFER AXLES – FOR GREATER SAFETY AND STABILITY

SCHÄFFER axles are optimised for each model. The force of the hydrostatic drive system is converted into high thrust forces. The loader is equipped with a wear-resistant “Easy Brake” multi-disc brake. This technology is normally only used in high-capacity wheel loaders.

GREAT POWERS AT WORK ...

KUBOTA is the world's leading manufacturer of compact diesel engines. The engines built into the latest generation of SCHÄFFER loaders consume even less fuel, and their fume and soot emissions were also reduced. Noise is also not an issue, as the modern GRP bonnet does not only look great but effectively reduces the noise of the engine. Mechanics and drivers will be pleased to know that they can now replace the oil filter without having to strain their fingers.



Ball bearing joints for long lifetime expectancy.

One strong lifting cylinder: narrow front chassis, perfect view forward, no tension.

Very strong faceplate: fast and safe coupling of tools. Hydraulic quickhitch as an option.

Versatile due to big range of tools and optional equipment.

CAD optimized lifting arm, best lifting height and reach, perfect parallel lift.

Maintenance free articulated pendulum joint with extended warranty.

TECHNICAL DATA

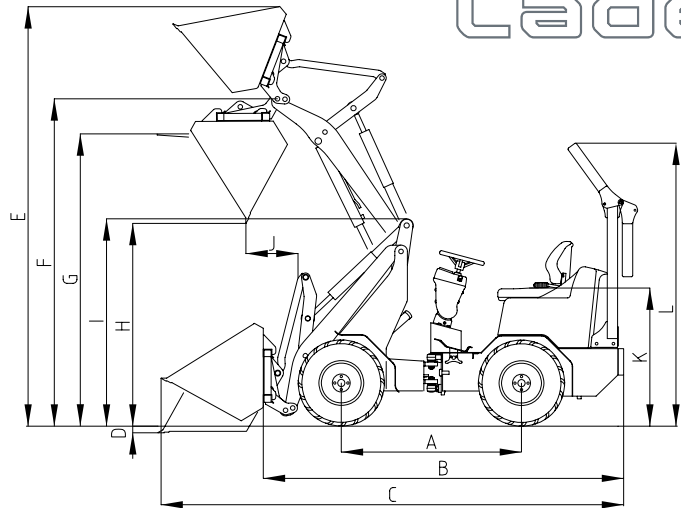
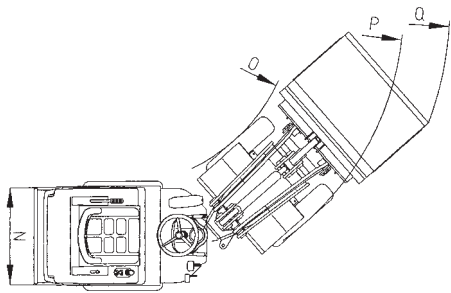


	2020	2024	2027	2030	2033	2336/2345	
Engine	3 cylinder Kubota 14,7 kW (20 HP)	3 cylinder Kubota 19 kW (26 HP)	3 cylinder Kubota 19 kW (26 HP)	3 cylinder Kubota 22 kW (30 HP)	3 cylinder Kubota 24 kW (33 HP)	4cyl Kubota 4cyl Kubota Turbo 26kW (36 HP) 33kW (45 HP)	
Driving hydraulics	Hydraulic foot pedal control	Hydraulic foot pedal control	Hydrostatic foot pedal control	Hydrostatic-automotive	Hydrostatic-automotive	Hydrostatic-automotive	
Tyres	7.00 - 12 AS Option I 27x8.50 - 15 Option II 27x10.5 - 15 Option III 26x12.00 - 12	7.00 - 12 AS Option I 27x8.50 - 15 Option II 27x10.5 - 15 Option III 26x12.00 - 12	7.00 - 12 AS Option I 27x8.50 - 15 Option II 27x10.5 - 15 Option III 26x12.00 - 12	7.00 - 12 AS Option I 27x8.50 - 15 Option II 27x10.5 - 15 Option III 26x12.00 - 12	7.00 - 12 AS Option I 27x8.50 - 15 Option II 27x10.5 - 15 Option III 26x12.00 - 12	10.075 - 15,3 AS Option I 27x10.5 - 15 Option II 31x15.5 - 15	10.075 - 15,3 AS Option I 27x10.5 - 15 Option II 31x15.5 - 15
Service brake	Mechanical drum brake	Mechanical drum brake	Hydrostatic/ mechanical drum brake	Hydrostatic/ mechanical drum brake	Hydrostatic and multiple-disk	Hydrostatic and multiple-disk	
Parking brake	Mechanical drum brake	Mechanical drum brake	Mechanical drum brake	Mechanical drum brake	Multi-disc brake	Multi-disc brake	
Working hydraulics	Pump output: 30 l/min	Pump output: 30 l/min	Pump output: 33 l/min	Pump output: 33 l/min	Pump output: 42 l/min	Pump output: 42 l/min	
Steering hydraulics	Working pressure: 180 bar	Working pressure: 200 bar	Working pressure: 200 bar	Working pressure: 200 bar	Working pressure: 200 bar	Working pressure: 200 bar	
Steering	Fully hydraulic articulated steering system	Fully hydraulic articulated steering system	Fully hydraulic articulated steering system	Fully hydraulic articulated steering system	Fully hydraulic articulated steering system	Fully hydraulic articulated steering system	
Lifting capacity	1.200 kg	1.400 kg	1.500 kg	1.500 kg	1.600 kg	1.700 kg	
Tipping load (straight)	750 kg	850 kg	890 kg	920 kg	1.000 kg	1.200 kg/1.300 kg	
Tipping load (articulated)	350 kg	480 kg	500 kg	550 kg	720 kg	900 kg/930 kg	
Axles	Original SCHÄFFER axles, 4 wheel nut rim	Original SCHÄFFER axles, 4 wheel nut rim	Original SCHÄFFER axles, 4 wheel nut rim	Original SCHÄFFER axles, 4 wheel nut rim	Original SCHÄFFER axles, 5 wheel nut rim; Option: automatic limited-slip differential	Original SCHÄFFER axles, 6 wheel nut rim; Option: automatic limited-slip differential	
Operating weight	1.400 kg	1.500 kg	1.600 kg	1.750 kg	1.880 kg	2.200 kg	
Speed	0 – 12 km/h	0 – 12 km/h	0 – 15 km/h	0 – 15 km/h	0 – 15 km/h	0–20 km/h in 2 speed gear switching under load possible	
Electrical system	Operating voltage 12 V	Operating voltage 12 V	Operating voltage 12 V	Operating voltage 12 V	Operating voltage 12 V	Operating voltage 12 V	
Tank capacities	Fuel: 18 l Hydraulic fluid: 26 l	Fuel: 23 l Hydraulic fluid: 30 l	Fuel: 23 l Hydraulic fluid: 30 l	Fuel: 23 l Hydraulic fluid: 30 l	Fuel: 40 l Hydraulic fluid: 30 l	Fuel: 40 l Hydraulic fluid: 30 l	

In case of danger from falling objects all loaders have to be equipped with protection roof or cab.



DIMENSIONS



		2020	2024	2027	2030	2033	2336/2345
A	Axle base [mm]	1.375	1.375	1.375	1.375	1.410	1.550
B	Chassis length [mm]	2.600	2.780	2.780	2.780	2.930	3.085
C	Total length with standard bucket [mm]	3.330	3.530	3.530	3.530	3.610	3.800
D	Excavating depth [mm]	110	110	110	110	110	90
E	Max. working height [mm]	3.180	3.460/3.720*	3.460/3.720*	3.460/3.720*	3.540/3.770*	3.570/3.800*
F	Max. bucket pivot point [mm]	2.470	2.800/3.060*	2.800/3.060*	2.800/3.060*	2.880 / 3.110*	2.880 / 3.110*
G	Max. loading height with pallet fork [mm]	2.335	2.560/2.920*	2.560/2.920*	2.560/2.920*	2.640 / 2.970*	2.680 / 3.100*
H	Max. dump height [mm]	1.710	1.965/2.265*	1.965/2.265*	1.965/2.265*	2.045/ 2.300*	2.045/ 2.300*
I	Reach [mm]	1.540	1.600/1.725*	1.600/1.725*	1.600/1.725*	1.680/1.780*	1.690/1.790*
J	Dump range [mm]	580	440	440	440	440	470
K	Seat height [mm]	1.020	1.055	1.055	1.055	1.160	1.160
L	Height ROPS-Bar/ folded [mm] Height with protective roof [mm] Cab/canopy height [mm]	2.170 - 1.735 2.110 -	2.200/1.770 2.200 -	2.200/1.770 2.200 -	2.200/1.770 2.200 -	2.310/1.875 2.200 2.150	2.280/1.780 2.215 2.110
N	Total width [mm]	790 - 1.150	885 - 1.240	885 - 1.240	885 - 1.240	1.020 - 1.290	1.020 - 1.390
O	Track arc inside [mm]	530	660	660	660	580	800
P	Track arc outside [mm]	1.515	1.560	1.560	1.560	1.600	1.820
Q	External radius with standard bucket [mm]	1.800	1.950	1.950	1.950	1.950	2.250

* high lift version





The way SCHÄFFER loaders are developed, built and serviced is unique. The difference is our 50 years of experience. First, we think about the operator; we want to make his work safer, more comfortable – and more profitable. To this end, we are equipped with the most modern development and production technologies at our plant in Erwitte, Germany. Ultimately, it is our associates who work with our customers to continuously develop new solutions. Long years of commitment to the company combined with an enduring spirit of innovation are the basis of our exceptional worldwide success.

The name SCHÄFFER Loaders stands for more than one-of-a-kind product quality. It also stands for safety and optimal service, which we guarantee not only in Germany but around the globe.

The purchase of a SCHÄFFER loader is the beginning of a long-term relationship. Only original replacement parts allow your machine to remain a 100% true SCHÄFFER over the years. Only then will it guarantee the reliability you rightly expect. We offer you and our service partners a 24 hour delivery service – 7 days a week, 365 days a year.

made by SCHÄFFER

SCHÄFFER offers you a product line-up of over 40 different models, each of which can be adapted to your individual requirements. Our loaders can be used in many different industries: in agriculture or construction, in horticulture or landscaping, in industry and trade, in horse husbandry or warehousing. Whatever the industry, SCHÄFFER is always your first choice.



Your dealer:

Schaeffer Lader

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