## **Schäffer**

2020 - 4670

Low style loaders: 2028 SLT - 3650 SLT

## **COMPACT LOADERS**

Big on performance, compact in size







#### Schäffer headstock SWH

With the Schäffer headstock SWH, coupling of any attachment is a breeze. Hydraulic lock is standard. Genuine Schäffer attachments are also equipped with the double hook frame so that roll back and dump angle are easy to adjust. This pays dividends with materials such as grain, where a larger roll back angle is preferable, as well as other materials such as soil. Simple, flexible, ingenious engineering from Schäffer.

#### Hydraulic drive, foot pedal control

With the hydrualic four-wheel-drive foot pedal controls, the 2020 and 2024 loaders can be operated very easily. The diesel engine revs are adjusted through the accelerator. The direction of travel and speed are controlled with a pedal on the left side of the machine. This outstanding ease of operation makes the machine very manoeuvrable, and is a huge advantage in areas with a lot of changes of speed and direction.

## SCHÄFFER 2020 AND 2024: SIMPLE, EFFICIENT AND GOOD VALUE FOR MONEY

When it comes to small spaces, these loaders excel. With an overall width of just 79.5 cm, the Schäffer 2020 will fit through almost any door. At 90 cm wide, its big brother, the Schäffer 2024, is only marginally wider.

These compact dimensions mean that manual work can be mechanised in buildings that were previously inaccessible, making work faster, easier and more productive.

Both machines look similar – the differences are found in the transmission systems. Thanks to their simple technology, the 2020 and 2024 models offer the most affordable entry into the Schäffer world, yet you can be confident of the same high quality as all Schäffer loaders. They retain their value over years with high residual values on the second-hand market.



# SCHÄFFER 2628: PURE DRIVING PLEASURE

The Schäffer 2628 is one of the most agile and manoeuvrable in its class, and is packed with smart features for efficient and economic use with no compromise on performance.

Firstly, there's a new drive concept – the high-pressure axial piston pump. It is able to convert the output from the powerful 18.5 kW/ 25 HP Kubota motor into agility which is unrivalled in its class. You'll notice this is the extremely lively operation and rapid acceleration to 20 km/h.

The 2628 also has a very small turning radius, due to the use of two axle motors in place of a cardan shaft. Thanks to the high-pressure drive, a high level of thrust can be achieved even without a cardan shaft. This is supported by 5-hole axles, which further increase the efficiency due to their adapted transmission ratio and thereby reduce the fuel consumption.

The high working pressure means the drive needs less oil and the working hydraulic system can be reduced. All of which leads to an increase in efficiency, better fuel economy and a decrease in operating costs. The downstream axial piston motors are designed for a maximum speed of 3,700 rotations per minute, but are operated at just 800 rotations per minute. This comparatively low demand guarantees a long service life.



The motor room opens forwards. This makes all service points easily accessible from both sides of the machine.



The ergonomics of this loader are exceptional. The driver has a lot of room despite the very compact dimensions of this machine, and can work comfortably thanks to the optimised position of the joystick and steering wheel.





# SCHÄFFER 2630: EFFICIENCY, AGILITY AND DRIVING COMFORT AS STANDARD

The new 2630 is a powerful 18.5 kW / 25 HP loader. It combines a high-pressure drive concept with an electronically-controlled autodrive. The 3-cylinder motor from Kubota has a 1.7 l cylinder capacity and direct injection. This combination makes the engine particularly high-torque and allows the engine speed to be reduced by 27% compared with the predecessor model. This enables significantly quieter operation and also reduces fuel consumption by 10%. Like the 2628 the 2630 operates with a high working pressure of 510 bar, the quantity of oil required for the drive and working hydraulic system is reduced, leading to improved efficiency and fuel savings. The loader reaches a top speed of 20 km/h. For this, a cardan shaft ensures power transmission to the front axle, guaranteeing high levels of thrust. New 6-hole axles further increase the efficiency and reduce fuel consumption due to their adapted transmission ratio.

Additional driving comfort and preformance is provided by High Traction Force (HTF) and Schäffer Power Transmission (SPT). HTF is an automatic thrust control system that allows the loader to deliver the highest thrust, even in high gear. This means manual downshifting is not necessary when driving uphill or into a pile.



The 2630 is the first machine in its class to use SPT – the electronically controlled drive from Schäffer, which has proved successful in the machines of the larger Schäffer series. Here the drive is adapted to the torque of the diesel engine. SPT gives a significant increase in machine efficiency, improved agility and offers the driver a number of new possibilities, including cruise control to keep the machine at a constant driving speed regardless of engine speed, which is particularly advantageous when working with feed dosing devices, straw distributors, mulchers or brooms. Also hill starts will become a lot easier as the start-up assistant helps prevent the vehicle moving backwards. SPT is standard on the 2630, 2630 SLT, 3650, 3650 SLT and 4670.

## HTF: MAXIMUM THRUST, EVEN WHEN IN HIGH GEAR

HTF, or 'High Traction Force', automatically regulates the thrust so the loader can supply the highest possible thrust even in a high gear. HTF uses a new axial piston-bent axis motor that regulates speed automatically depending on the traction. This is particularly useful in an uphill position as the driver does not have to switch to first gear.

HTF comes into its own when digging into aggregate material - if more thrust is required, the hydraulic motor adapts automatically, without the driver having to interfere manually. This means most of the work can be done in fast gear, increasing driving comfort and speeding up work. HTF is standard on the 2630, 2630 SLT, 3650, 3650 SLT and 4670.



#### Benefits:

- Very high thrust forces
- No need to manually shift down a gear when going uphill
- Even at high speed the maximum thrust is always
- available, e.g. when driving in muck heaps
- Enhanced driving comfort, faster working









Perfect view upwards with roller blind

### STANDARD ON 4670 WITH CAB:



2x Dual Power working lamp front, 1x Single Power rear



Switch bar, electric plug



Multifunctional joystick



Bottle holder, battery switch

## **TECHNICAL DATA**

	2020	2024	2028	2628
Engine	3 Cyl. Kubota, 15 kW (20 HP)	3 Cyl. Kubota, 18.5 kW (25 HP)	3 Cyl. Kubota, 18.5 kW (25 HP)	3 Cyl. Kubota, 18.5 kW (25 HP)
Exhaust gas treatment	-	-	-	-
Traction hydraulics	Hydr	raulic	Hydrostatic-automotive	
Tyres	7.00 - 12 AS	7.00 - 12 AS Option I 27 x 8.50 - 15 SKD Option II 27 x 10.5 - 15 SKD Option III 26x 12.00 - 12	7.00 - 12 AS Option I 27 x 8.50 - 15 SKD Option II 27 x 10.5 - 15 SKD Option III 26x 12.00 - 12	10.0/75-15.3 AS Option I 26x12.00-12 Option II 27/10.50-15
Service braking system	Mechanical	drum brake	Hydrostatic mechanical drum brake	
Parking brake		Mechanical	drum brake	
Working hydraulics Output/pressure		Delivery rate: 33 l/min Operating pressure: 200 bar	Delivery rate: from 33 l/min Operating pressure: 200 bar	Delivery rate: from 33 l/min Operating pressure: 200 bar
Steering		Fully hydraulic articu	lated-swivel steering	
Operating weight	1,400 kg	1,700 kg	1,760 kg	1,850 kg
Lifting capacity	1,200 kg	1,400 kg	1,500 kg	1,600 kg
	605 - 749 kg 728 - 871 kg	622 - 786 kg 829 - 973 kg	675 - 841 kg 832 - 976 kg	789 - 941 kg 1,041 - 1,191 kg
Tipping load. articulated* <sup>1</sup> pallet fork bucket		320 kg 410 kg	375 kg 505 kg	465 kg 580 kg
Payload Pallet fork, even ground*2 Pallet fork, uneven ground*2 Bucket*3	159 kg	256 kg 192 kg 205 kg	300 kg 225 kg 252.5 kg	372 kg 279 kg 290 kg
Axles	Original Schäffer axles, 4 wheel nut rim	Original Schäffer axles, 5 wheel nut rim	Original Schäffer axles, 5 wheel nut rim	Original Schäffer axles, 5 wheel nut rim
Speed	0 - 12 km/h	0 - 12 km/h	0 - 15 km/h	0 - 20 km/h
Electric system		Operating v	oltage: 12 V	
Fill quantities	Fuel: 18 l Hydraulic oil: 26 l	Fuel: 23 l Hydraulic oil: 30 l	Fuel: 23 l Hydraulic oil: 30 l	Fuel: 23 l Hydraulic oil: 30 l
Sound pressure level LpA	84 dB(A)	84 dB(A)	83 dB(A)	84 dB(A)
Sound power level guaranteed LwA equivalent LwA		101 db(A) 98 db(A)	101 db(A) 98 db(A)	101 db(A) 98 db(A)
Hand/arm vibration*4		< 2.5	m/s²	
Total body vibration*4	< 0.5 m/s²			
HTF (\$\) SPT (\$\)	-	-	-	-
SPT.	-	-	-	-

 $<sup>^{*1}</sup>$  acc. to ISO 8313  $^{*2}$  acc. to EN 474-3  $^{*3}$  acc. to ISO 14397-1  $^{*4}$  acc. to ISO 8041 X = as standard Tyre dimensions and additionals equipment can change the operating weight, tipping load and payload.

	2630	3650	4670	
Engine	3 Cyl. Kubota, 18.5 kW (25 HP)	3 Cyl. Kubota, 28 kW (38 HP) / 37 kW (50 HP)	4 Cyl. Kubota, 37.4 kW (51 HP) / 48.6 kW (66 HP)	
Exhaust gas treatment	-	DOC, DP	DOC, DPF, Stage V	
Traction hydraulics		Hydrostatic-automotive, HTF		
Tyres	10.0/75 - 15.3 AS Option I 27 x 10.5 - 15 Option II 31 x 15.5 - 15	10.0/75 - 15.3 AS / MPT / SKD Option I 31x15.5-15 Option II 15.0/55-17	11.5/80 - 15.3 AS Option I 15.0/55 - 17 Option II 425/55 R17	
Service braking system	Co	mbined brake hydrostatic and multi-disc br	ake	
Parking brake		Multi-disc brake running in oil bath		
	Delivery rate: from 38 l/min Operating pressure: 200 bar	Delivery rate: from 46 l/min Operating pressure: 200 bar	Delivery rate: from 52 l/min Operating pressure: 200 bar	
Steering		Fully hydraulic articulated-swivel steering	]	
Operating weight	2,100 kg / 2,300 kg with cabin	2,550 kg / 2,700 kg with cabin	3,100 kg / 3,300 kg with cabin	
Lifting capacity	1,650 kg	1,850 kg	2,300 kg	
	895 - 1,124 kg 1,110 - 1,381 kg	1,267 - 1,580 kg 1,523 - 1,845 kg	1,783 - 1,913 kg 2,110 - 2,301 kg	
Tipping load, articulated* <sup>1</sup> pallet fork bucket		660 kg 750 kg	1,340 kg 1,570 kg	
Payload Pallet fork, even ground* <sup>2</sup> Pallet fork, uneven ground* <sup>2</sup> Bucket* <sup>3</sup>	487 kg 365 kg 399 kg	480 kg 365 kg 375 kg	1,072 kg 804 kg 785 kg	
Axles	Original Schäffer ax	des, 6 wheel nut rim; Option: automatic lim	ited-slip differential	
Speed	0 - 20 km/h in 2 gear switchable under load	0 - 20 km/h in 2 gear switchable under load, Option: 0 - 28 km/h	0 - 20 km/h in 2 gear switchable under load, Option: 0 -28 km/h	
Electric system		Operating voltage: 12 V		
Fill quantities	Fuel: 40 l Hydraulic oil: 30 l	Fuel: 40 l Hydraulic oil: 48 l	Fuel: 85 l Hydraulic oil: 62 l	
Sound pressure level LpA	82 dB(A)	84 dB(A)	85 dB(A)	
Sound power level guaranteed LwA equivalent LwA	101 db(A) 101 db(A)	101 db(A) 101 db(A)	101 db(A) 100 db(A)	
Hand/arm vibration*4		< 2.5 m/s²		
Total body vibration*4		< 0.5 m/s²		
HTF≷	X	X	Х	
SPT,🌣	X	X	X	

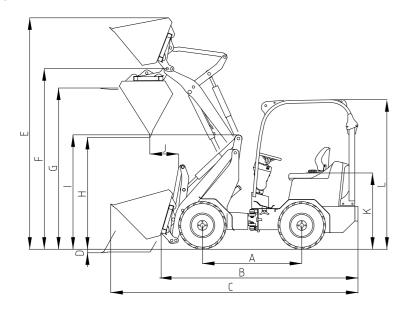
<sup>\*1</sup> acc. to ISO 8313 \*2 acc. to EN 474-3 \*3 acc. to ISO 14397-1 \*4 acc. to ISO 8041 X = as standard

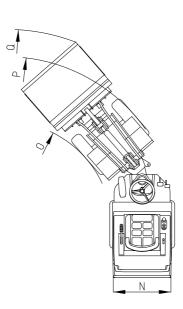
Tyre dimensions and additionals equipment can change the operating weight, tipping load and payload.

### **DIMENSIONS**

		2020	2024	2028	2628
A	Wheelbase [mm]	1,375	1,375	1,375	1,445
В	Chassis length [mm]	2,600	2,780	2,780	2,850
С	Overall length with standard bucket [mm]	3,330	3,530	3,530	3,550
D	Digging depth [mm]	110	110	110	110
Е	Reach [mm]	3,180	3,460 / 3,720*	3,460 / 3,720*	3,590 / 3,850*
F	Max, bucket pivot point, [mm]	2,470	2,800 / 3,060*	2,800 / 3,060*	2,880 / 3,110*
G	Loading height with pallet forks [mm]	2,335	2,560 / 2,920*	2,560 / 2,920*	2,750 / 2,980*
Н	Max, dumping height [mm]	1,710	1,965 / 2,265*	1,965 / 2,265*	2,170 / 2,400*
ı	Front end height [mm]	1,540	1,600 / 1,725*	1,600 / 1,725*	1,680 / 1,805*
J	Dumping width [mm]	580	440	440	560
K	Seat height [mm]	1,020	1,055	1,055	1,160
L	Protective roof height [mm] Cab height [mm]	2,070 -	from 2,090 -	from 2,090 -	2,200 -
N	Overall width [mm]	795 - 1,000	905 - 1,250	905 - 1,250	1,060 - 1,280
0	Inner turning radius [mm]	530	660	660	780
Р	Outer turning radius [mm]	1,515	1,560	1,560	1,900
Q	Outer radius with standard bucket [mm]	1,800	1,950	1,950	2,350

<sup>\*</sup> Option: high lift





		2630	3650	4670
A	Wheelbase [mm]	1,470	1,715	1,840
В	Chassis length [mm]	2,950	3,370	3,710
С	Overall length with standard bucket [mm]	3,695	4,030	4,530
D	Digging depth [mm]	110	90	130
Ε	Reach [mm]	3,565 / 3,795*	3,570 / 3,800*	4,100
F	Max, bucket pivot point, [mm]	2,880 / 3,110*	2,880 / 3,110*	3,250
G	Loading height with pallet forks [mm]	2,675 / 3,005*	2,680 / 2,900*	3,070
Н	Max, dumping height [mm]	2,090 / 2,345*	2,045 / 2,300*	2,420
I	Front end height [mm]	1,675 / 1,775*	1,690 / 1,790*	1,850
J	Dumping width [mm]	590	470	300
K	Seat height [mm]	1,160	1,226	1,270
L	Protective roof height [mm] Cab height [mm]	2,180 2,150	2,230 2,230	2,270 2,220
N	Overall width [mm]	1,020 - 1,300	1,100 - 1,570	1,220 - 1,730
0	Inner turning radius [mm]	1,020	985	1,310
Р	Outer turning radius [mm]	2,040	2,590	2,530
Q	Outer radius with standard bucket [mm]	2,400	3,280	2,880

<sup>\*</sup> Option: high lift

All technical specifications in this brochure refer to serial models and describe their standard functions. The equipment components and their functions as well as the accessories depend on the individual model and the product options and also on the country and customer specific requirements (the maximum values for tipping loads and payloads can only be reached with additional ballasting). Images may contain products or equipment components which are not mentioned or cannot be obtained as a standard. The descriptions, measurements, images, weight specifications and technical data correspond to the state of the art at the time of printing and are non-binding. We reserve changes in the field of construction, equipment, optics and technology without prior notice, due to the continuous development of the products. In case of doubts concerning the performance or the mode of operation of our products due to special circumstances, we recommend the execution of work samples under controlled conditions. We cannot exclude deviations from images or measurements, calculation errors, printing errors or incompleteness in the prospectus despite all due care. We do therefore not accept any liability for the correctness and completeness of the specifications in this prospectus. We do guarantee the proper functioning of our products within the scope of our General Terms and Conditions. Any guarantees that go beyond these are on principle not provided. Any liability beyond the ones set out in our General Terms and Conditions is excluded.

## SCHÄFFER COMPACT LOADERS -**LOW HEIGHT, FULL POWER**

then check out our SLT loaders - specially designed for options, there's never a need to compromise on safety. The use in narrow passageways and restricted head room. The 2028 SLT with a height of 1.89 m and a minimum width of drive and provides the typical Schäffer high thrust. The 2630 SLT 90 cm is one of the most compact loaders you will find on and 3650 SLT offer even more power with similarly compact the market. The 1.8 t loader is a real power pack and ideal dimensions thanks to the high-pressure drive, HTF and for use in indoor areas and in narrow operating conditions. SPT. With a top speed of 20 km/h respectively 28 km/h they With a tipping load of 920 kg it also moves heavy silage bales offer the best agility in the SLT range. safely. Some rival brands require removal of the protective

If you need a small loader for jobs in hard to reach areas roof in order to access low areas, but with Schäffer's SLT 18.5 kW (25 HP) 2028 SLT is equipped with a hydrostatic

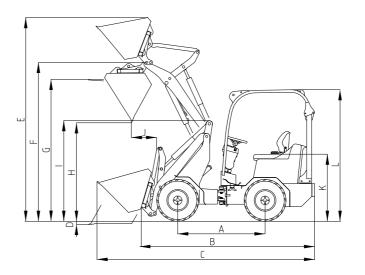


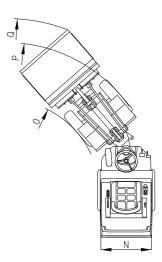


	2028 SLT	2630 SLT	3650 SLT
Engine Exhaust gas treatment Traction hydraulics	3 Cyl. Kubota, 18.5 kW (25 HP)	3 Cyl. Kubota, 18.5 kW ( 25 HP)	3 Cyl. Kubota, 28 kW (38 HP) / 37 kW (50 HP)
Exhaust gas treatment	-	-	DOC, DPF, Stage V
Traction hydraulics	Hydrostatic-automotive	Hydrostatic-automotive, HTF	Hydrostatic-automotive, HTF
Тугеѕ	7.00-12 AS Option I 27 x 8.50-15 SKD Option II 27 x 10.5-15 SKD Option III 26x 12.00-12	10.0/75 - 15.3 AS / MPT / SKD Option I 27 x 10.5 - 15 Option II 31x 15.5 - 15	10.0/75 - 15.3 AS / MPT / SKD Option I 31x15.5-15 Option II 15.0/55-17 Option III 11.5/80-15.3
Service braking system	Hydrostatic mechanical drum brake	Combined brake hydrostatic and multi- disc brake	Combined brake hydrostatic and multi- disc brake
Parking brake	Mechanical drum brake	Multi-disc brake running in oil bath	Multi-disc brake running in oil bath
Working hydraulics Output/pressure		Delivery rate: from 38 l/min Operating pressure: 200 bar	Delivery rate: from 46 l/min Operating pressure: 200 bar
Steering		Fully hydraulic articulated-swivel steering	
Operating weight	1,800 kg	2,380 kg / 2,445 kg with cabin	2,700 kg
Lifting capacity	1,500 kg	1,700 kg	2,000 kg
	787 - 939 kg 1,037 - 1,187 kg	1,048 - 1,321 kg 1,395 - 1,717 kg	1,267 - 1,580 kg 1,523 - 1,845 kg
Tipping load. articulated* <sup>1</sup> pallet fork bucket	430 kg 620 kg	550 kg 715 kg	750 kg 965 kg
Payload Pallet fork, even ground* <sup>2</sup> Pallet fork, uneven ground* <sup>2</sup> Bucket* <sup>3</sup>	258 kg	440 kg 330 kg 358 kg	600 kg 450 kg 483 kg
Axles	Original Schäffer axles, 5 wheel nut rim	Original Schäffer axles, 6 wheel nut rim; Option: automatic limited-slip differential	Original Schäffer axles, 6 wheel nut rim; Option: automatic limited-slip differential
Speed	0 - 15 km/h	0 - 20 km/h in 2 gears switchable under load	0 - 20 km/h in 2 gears switchable under load, Option: 0 - 28 km/h
Electric system	Operating voltage: 12 V		
Fill quantities	Fuel: 23 l Hydraulic oil: 30 l	Fuel: 40 l Hydraulic oil: 30 l	Fuel: 55 l Hydraulic oil: 48 l
Sound pressure level LpA	83 dB(A)	83 dB(A)	85 dB(A)
Sound power level guaranteed LwA equivalent LwA		101 db(A) 100 db(A)	101 db(A) 100 db(A)
Hand/arm vibration*4	< 2,5 m/s²		
Total body vibration*4		< 0,5 m/s²	
HTF	-	X	X
SPT.	-	X	Х

<sup>\*1</sup> acc. to ISO 8313 \*2 acc. to EN 474-3 \*3 acc. to ISO 14397-1 \*4 acc. to ISO 8041

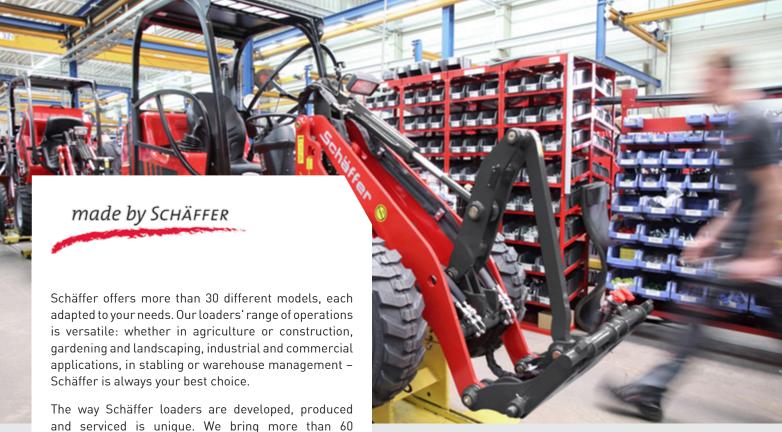
		2028 SLT	2630 SLT	3650 SLT
Α	Wheelbase [mm]	1,640	1,650	1,800
В	Chassis length [mm]	3,160	3,230	3,485
С	Overall length with standard bucket [mm]	3,630	4,025	4,185
D	Digging depth [mm]	110	90	90
Е	Reach [mm]	3,460	3,800	3,550
F	Max, bucket pivot point, [mm]	2,800	2,880	2,950
G	Loading height with pallet forks [mm]	2,600	2,680	2,810
Н	Max, dumping height [mm]	1,965	2,045	2,140
ı	Front end height [mm]	1,600	1,790	1,700
J	Dumping width [mm]	440	470	560
K	Seat height [mm]	910	995	1,226
L	Protective roof height [mm] Cab height [mm]	from 1,890 from 1,890	from 1,950 from 1,950	2,020
N	Overall width [mm]	905 - 1,250	1,020 - 1,300	1,100 - 1,570
0	Inner turning radius [mm]	760	870	985
Р	Outer turning radius [mm]	1,850	1,890	2,590
Q	Outer radius with standard bucket [mm]	2,270	2,320	3,280





All technical specifications in this brochure refer to serial models and describe their standard functions. The equipment components and their functions as well as the accessories depend on the individual model and the product options and also on the country and customer specific requirements (the maximum values for tipping loads and payloads can only be reached with additional ballasting). Images may contain products or equipment components which are not mentioned or cannot be obtained as a standard. The descriptions, measurements, images, weight specifications and technical data correspond to the state of the art at the time of printing and are non-binding. We reserve changes in the field of construction, equipment, optics and technology without prior notice, due to the continuous development of the products. In case of doubts concerning the performance or the mode of operation of our products due to special circumstances, we recommend the execution of work samples under controlled conditions. We cannot exclude deviations from images or measurements, calculation errors, printing errors or incompleteness in the prospectus despite all due care. We do therefore not accept any liability for the correctness and completeness of the specifications in this prospectus. We do guarantee the proper functioning of our products within the scope of our General Terms and Conditions. Any guarantees that go beyond these are on principle not provided. Any liability beyond the ones set out in our General Terms and Conditions is excluded.

Tyre dimensions and additionals equipment can change the operating weight. tipping load and payload.



The way Schäffer loaders are developed, produced and serviced is unique. We bring more than 60 years' experience, and we always put the enduser first, working to make your job safer, more comfortable and more profitable. Additionally, at our Erwitte location in Germany we use state-of-the-art development and production technologies. Ultimately, it is our employees who continuously develop new solutions, in close contact with the end user. Years of company service together with an enduring spirit form the basis for the special competence and for our global success.

The Schäffer name does not just mean unique product quality. It also stands for safety and the optimal service that we guarantee in Germany, Europe and around the globe.

Purchasing a Schäffer loader is the beginning of a long-term relationship. Your machine will only remain a 100% genuine Schäffer if you use original replacement parts. Only then will it guarantee the reliability you need, and have the right to expect. We offer you and our service partners a 24 hour delivery service – 7 days a week, 365 days a year.



#### **YOUR DEALER:**

#### **Schäffer**

Schäffer Maschinenfabrik GmbH

Auf den Thränen D-59597 Erwitte

fon +49 (0)2943 9709-0 fax +49 (0)2943 9709-50

info@schaeffer.de



b/06.20/WD. Technical changes reserved. Dimensions are approximate. In some cases, illustrations show models with custom designs