ELECTRIC LOADER
Emission-free, powered by lithium-ion technology

Schäffer offers a programme with more than 30 different models, each adapted to your needs. Our loaders’ range of applications is versatile: whether in agriculture or construction, gardening and landscaping, industrial and commercial applications, in stabling or warehouse management – Schäffer is always your best choice.

The way Schäffer loaders are developed, produced and serviced is unique. The real difference is our experience of more than 60 years. We think of the end user first, because we seek to make your job safer, more comfortable and more profitable. Additionally, at our Erwitte location in Germany we rely on 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. Teams of company service together with an enduring spirit form the basis for the special competence and for our global success.

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The Schäffer name does not just mean unique product quality. It also stands for safety and optimal service that we guarantee both 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.

All technical specifications in this prospectus 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. 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 therefore do not accept any liability for the correctness and completeness of the specifications in this prospectus. All such specifications, measurements and data are subject to change and without any other notice.

We 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.
A FLEXIBLY DESIGNED CONCEPT

Two battery cases and two charging options offer flexibility for daily use.

1. The 24e can be equipped with two lithium-ion battery packs. They weigh a total of 248 kg at a capacity of 4.7 kWh each. The second battery pack can be recharged to double the operating time to up to five hours under normal use.

2. The on-board charger fitted as standard enables the battery to be charged using a 230 V / 16 A Schuko-plug. It takes around 2 hours to charge each battery pack to 80%.

3. Alternatively, the battery can be charged via an external charging system with 400 V / 32 A power current. The charging time per battery pack is just 15 minutes to charge to 80%.

MAXIMUM EFFICIENCY – MINIMUM CHARGING TIMES
THANKS TO INNOVATIVE LITHIUM-ION TECHNOLOGY

When developing the 24e electric loader, achieving maximum energy efficiency alongside emission-free operation was of real importance.

All components of the drive system are perfectly matched to the electric drive. Together with the Lithium-ion battery, the loader achieves an efficiency about three times as high as that of a comparable diesel engine. This means that only one third as much energy is needed to operate the machine. Maintenance of the electric motors and battery takes considerably less effort too, which further reduces the costs per operating hour.

The use of lithium-ion technology makes the 24e a real innovation. The customer receives a guarantee of 5,000 hours of service life. The use of lithium-ion technology makes the 24e a real innovation (max. dumping height [mm] 1,700)

The new electric wheel loader 24e delivers emission-free operation, which means more free space is now a thing of the past. This is a significant advantage in emission-sensitive areas. When it comes to demolition work inside buildings, in underground garages or in green areas, you can be confident that the driver and other employees can enjoy clean air – despite the use of a powerful wheel loader. Noise pollution is dramatically reduced too as the 24e operates almost noiselessly.

TECHNICAL DATA DIMENSIONS

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelbase [mm]</td>
<td>2,280</td>
<td>3,320</td>
<td>100</td>
<td>3,500</td>
<td>2,500</td>
<td>3,410</td>
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<tr>
<td>Chassis length [mm]</td>
<td>3,320</td>
<td>2,215</td>
<td>2,070</td>
<td>2,450</td>
<td>2,500</td>
<td>2,360</td>
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<tr>
<td>Overall length with standard bucket [mm]</td>
<td>4,045</td>
<td>2,215</td>
<td>2,070</td>
<td>2,450</td>
<td>2,500</td>
<td>2,360</td>
</tr>
<tr>
<td>Tipping load, articulated*1 [kg]</td>
<td>684</td>
<td>1,140</td>
<td>600</td>
<td>500</td>
<td>400</td>
<td>260</td>
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<tr>
<td>Tipping load, straight*1 [kg]</td>
<td>912</td>
<td>1,140</td>
<td>600</td>
<td>500</td>
<td>400</td>
<td>260</td>
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<tr>
<td>Payload</td>
<td>912-1,610</td>
<td>1,060-1,370</td>
<td>82 db(A)</td>
<td>91 db(A)</td>
<td>1,610-1,749</td>
<td>91 db(A)</td>
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<tr>
<td>Normal turning radius [mm]</td>
<td>2,360</td>
<td>2,360</td>
<td>2,360</td>
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<td>2,360</td>
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<tr>
<td>Normal turning radius with extended reach [mm]</td>
<td>2,500</td>
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<td>2,500</td>
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<tr>
<td>Electric system</td>
<td>21 kW</td>
<td>21 kW</td>
<td>21 kW</td>
<td>21 kW</td>
<td>21 kW</td>
<td>21 kW</td>
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<tr>
<td>Battery</td>
<td>Lithium-Ion, 260 V; 6.7 kWh or 13.4 kWh</td>
<td>Lithium-Ion, 260 V; 6.7 kWh or 13.4 kWh</td>
<td>Lithium-Ion, 260 V; 6.7 kWh or 13.4 kWh</td>
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<td>Lithium-Ion, 260 V; 6.7 kWh or 13.4 kWh</td>
</tr>
<tr>
<td>Electric motor</td>
<td>21 kW</td>
<td>21 kW</td>
<td>21 kW</td>
<td>21 kW</td>
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<tr>
<td>Emission-free operation</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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<td>YES</td>
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<tr>
<td>Chargeable in 30 minutes</td>
<td>80%</td>
<td>80%</td>
<td>80%</td>
<td>80%</td>
<td>80%</td>
<td>80%</td>
</tr>
</tbody>
</table>

WORKING WITHOUT NOISE AND EXHAUST GASES, EVERYWHERE AND AT ANY TIME OF THE DAY

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24e as standard

- Electric motor drive: 21 kW electric motor working hydraulic 3.7 kW
- Low version front carriage for best access to the very successful model 2445, a 45 hp machine
- From the outside, the machine is similar to the 24e as standard
- The use of lithium-ion technology makes the 24e a real innovation
- All components of the drive system are perfectly matched to the electric drive
- Together with the Lithium-ion battery, the loader achieves an efficiency about three times as high as that of a comparable diesel engine
- This means that only one third as much energy is needed to operate the machine
- Maintenance of the electric motors and battery takes considerably less effort too, which further reduces the costs per operating hour
- The use of lithium-ion technology makes the 24e a real innovation (max. dumping height [mm] 1,700)

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