

# LXT/LXW Technical Data

## Electric Tractor and Platform Truck

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[LXT 120/Li-Ion](#)

[LXT 180/Li-Ion](#)

[LXT 250/Li-Ion](#)

[LXT 250L/Li-Ion](#)

[LXT 300/Li-Ion](#)

[LXT 350/Li-Ion](#)

[LXW 20/Li-Ion](#)

[LXW 30/Li-Ion](#)



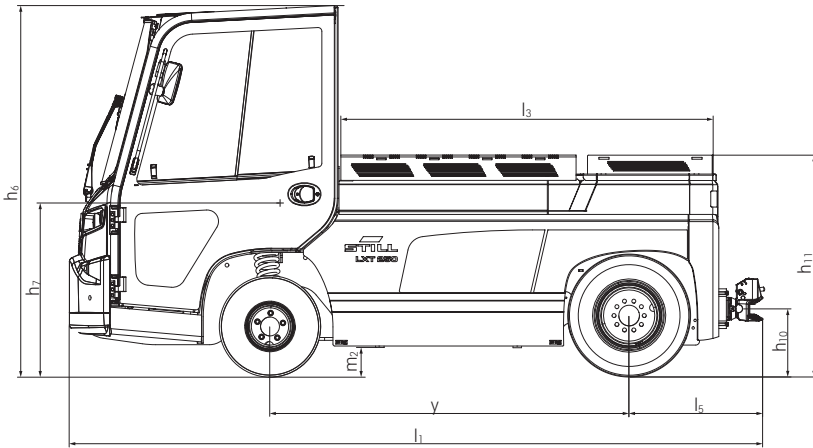


|                  |         |   |                              | STILL                          | STILL                  | STILL                      | STILL                      | STILL                      | STILL                  | STILL                  | STILL                                |                                      |                                |
|------------------|---------|---|------------------------------|--------------------------------|------------------------|----------------------------|----------------------------|----------------------------|------------------------|------------------------|--------------------------------------|--------------------------------------|--------------------------------|
| Features         | 1.1     | Manufacturer  |                              |                                |                        |                            |                            |                            |                        |                        |                                      |                                      |                                |
|                  | 1.2     | Manufacturer's type designation                           |                              | LXT 120/Li-Ion                 | LXT 180/Li-Ion         | LXT 250/Li-Ion             | LXT 250L/Li-Ion            | LXT 300/Li-Ion             | LXT 350/Li-Ion         | LXW 20/Li-Ion          | LXW 30/Li-Ion                        |                                      |                                |
|                  | 1.3     | Drive   |                              | Electric                       | Electric               | Electric                   | Electric                   | Electric                   | Electric               | Electric               | Electric                             |                                      |                                |
|                  | 1.4     | Operation   |                              | Seated                         | Seated                 | Seated                     | Seated                     | Seated                     | Seated                 | Seated                 | Seated                               |                                      |                                |
|                  | 1.5     | Load capacity/load  | Q                            | kg                             | 300                    | 300                        | 300                        | 300                        | 300                    | 300                    | 2000                                 | 3000                                 |                                |
|                  | 1.5.1   | Towing capacity   | Q                            | kg                             | 12000                  | 18000                      | 25000                      | 25000                      | 30000                  | 35000                  | 6000                                 | 6000                                 |                                |
|                  | 1.7     | Rated drawbar pull  | F                            | N                              | 2400                   | 3600                       | 5000                       | 5000                       | 6000                   | 7000                   | 900/1200                             | 900/1200                             |                                |
|                  | 1.9     | Wheel base  | y                            | mm                             | 1408                   | 1408                       | 1551                       | 1906                       | 1906                   | 2156                   | 1906                                 | 1906                                 |                                |
|                  | Weights | 2.1   | Service weight incl. battery |                                | kg                     | 3883                       | 3883                       | 4450                       | 5250                   | 5250                   | 6000                                 | 4205 <sup>1</sup>                    | 4205 <sup>1</sup>              |
| 2.2              |         | Axle load, laden  | front/rear                   | kg                             | 2079/2104              | 2079/2104                  | 2900/1850                  | 2928/2622                  | 2928/2622              | 3220/3080              | 2620 <sup>1</sup> /3585 <sup>1</sup> | 2620 <sup>1</sup> /3585 <sup>1</sup> |                                |
| 2.3              |         | Axle load, unladen  | front/rear                   | kg                             | 2010/1873              | 2010/1873                  | 2780/1670                  | 2808/2442                  | 2808/2442              | 3150/2850              | 2320 <sup>1</sup> /1885 <sup>1</sup> | 2320 <sup>1</sup> /1885 <sup>1</sup> |                                |
| Wheels/chassis   | 3.1     | Tyres   |                              |                                | Pneumatic/superelastic | Pneumatic/superelastic     | Pneumatic/superelastic     | Pneumatic/superelastic     | Pneumatic/superelastic | Pneumatic/superelastic | Pneumatic/superelastic               | Pneumatic/superelastic               |                                |
|                  | 3.2     | Tyre size   | front                        |                                | 6.00 R 9               | 6.00 R 9                   | 6.00 R 9                   | 6.00 R 9                   | 6.00 R 9               | 6.00 R 9               | 6.00 R 9                             | 6.00 R 9                             |                                |
|                  | 3.3     | Tyre size   | rear                         |                                | 7.00 R 12              | 7.00 R 12                  | 7.00 R 12                  | 7.00 R 12                  | 7.00 R 12              | 7.00 R 12              | 7.00 R 12                            | 7.00 R 12                            |                                |
|                  | 3.5     | Number of wheels (x = driven)                             | front/rear                   |                                | 2/2x                   | 2/2x                       | 2/2x                       | 2/2x                       | 2/2x                   | 2/2x                   | 2/2x                                 | 2/2x                                 |                                |
|                  | 3.6     | Track width, front  | pneumatic/superelastic       | b <sub>10</sub>                | mm                     | 1102/1120                  | 1102/1120                  | 1102/1120                  | 1102/1120              | 1102/1120              | 1102/1120                            | 1102/1120                            |                                |
|                  | 3.7     | Track width, rear   |                              | b <sub>11</sub>                | mm                     | 1060                       | 1060                       | 1060                       | 1060                   | 1060                   | 1060                                 | 1060                                 |                                |
|                  | 4.7     | Height to top of overhead guard, (cabin)                  |                              | h <sub>6</sub>                 | mm                     | 1950                       | 1950                       | 1950                       | 1950                   | 1950                   | 1950                                 | 1950                                 |                                |
| Basic dimensions | 4.8     | Seat height rel. to SIP/stand height                      |                              | h <sub>7</sub>                 | mm                     | 907                        | 907                        | 907                        | 907                    | 907                    | 907                                  | 907                                  |                                |
|                  | 4.12    | Coupling height   |                              | h <sub>10</sub>                | mm                     | 270, 330, 380, 440 (RO244) | 270, 330, 380, 440 (RO244) | 270, 330, 380, 440 (RO244) | 345 (HSM 2140)         | 345 (HSM 2140)         | 345 (HSM 2140)                       | 270, 330, 380, 440 (RO244)           | 270, 330, 380, 440 (RO244)     |
|                  | 4.13    | Loading height unladen                                    |                              | h <sub>11</sub>                | mm                     | 1060                       | 1060                       | 1060                       | 1060                   | 1060                   | 1060                                 | 897                                  |                                |
|                  | 4.16    | Length of loading platform                                |                              | l <sub>3</sub>                 | mm                     | 1396                       | 1396                       | 1540                       | 1895                   | 1895                   | 2145                                 | 2200/2600 <sup>2</sup>               | 2200/2600 <sup>2</sup>         |
|                  | 4.17    | Cabin overhang  |                              | l <sub>5.1</sub>               | mm                     | 1055                       | 1055                       | 1055                       | 1055                   | 1055                   | 1055                                 | 1055                                 |                                |
|                  | 4.17.1  | Rear overhang   |                              | l <sub>5</sub>                 | mm                     | 624                        | 624                        | 624                        | 707                    | 707                    | 707                                  | 665 (1065 <sup>2</sup> )             | 665 (1065 <sup>2</sup> )       |
|                  | 4.18    | Width of loading platform                                 |                              | b <sub>9</sub>                 | mm                     | 1056-1176                  | 1056-1176                  | 1056-1176                  | 1056-1176              | 1056-1176              | 1056-1176                            | 1300                                 | 1300                           |
|                  | 4.19    | Overall length  |                              | l <sub>1</sub>                 | mm                     | 3086                       | 3086                       | 3230                       | 3668                   | 3668                   | 3918                                 | 3626/4026 <sup>2</sup>               | 3626/4026 <sup>2</sup>         |
|                  | 4.21    | Overall width   |                              | b <sub>1</sub> /b <sub>2</sub> | mm                     | 1310                       | 1310                       | 1310                       | 1310                   | 1310                   | 1310                                 | 1310                                 | 1310                           |
|                  | 4.32    | Ground clearance, centre of wheel base                    |                              | m <sub>2</sub>                 | mm                     | 150                        | 150                        | 150                        | 150                    | 150                    | 150                                  | 150                                  |                                |
|                  | 4.34    | Working aisle width without safety distance/safety margin |                              | A <sub>st</sub>                | mm                     | 4500                       | 4500                       | 4696                       | 5230                   | 5230                   | 5603                                 | 5371/5613 <sup>2</sup>               | 5371/5613 <sup>2</sup>         |
|                  | 4.35    | Turning radius  | front/rear                   | W <sub>a</sub>                 | mm                     | 2737/1563                  | 2737/1563                  | 2884/1612                  | 3280/1750              | 3280/1750              | 3539/1864                            | 3284/1887 (2101 <sup>2</sup> )       | 3284/1887 (2101 <sup>2</sup> ) |
|                  | 4.36    | Smallest pivot point distance                             |                              | b <sub>13</sub>                | mm                     | 881                        | 881                        | 931                        | 1071                   | 1071                   | 1187                                 | 1116                                 | 1116                           |
| Performance data | 5.1     | Driving speed   | laden/unladen                | km/h                           | 15/22                  | 17/23                      | 18/25                      | 20/25                      | 20/25                  | 20/25                  | 18/20                                | 20/23                                |                                |
|                  | 5.5     | Drawbar pull, unladen                                     |                              | N                              | 2400                   | 3600                       | 5000                       | 5000                       | 6000                   | 7000                   | 900/1200                             | 900/1200                             |                                |
|                  | 5.6     | Max. drawbar pull, unladen                                |                              | N                              | 12000                  | 15000                      | 18000                      | 18000                      | 20000                  | 21500                  | 15000                                | 15000                                |                                |
|                  | 5.10    | Service brake   |                              |                                | Electric/hydraulic     | Electric/hydraulic         | Electric/hydraulic         | Electric/hydraulic         | Electric/hydraulic     | Electric/hydraulic     | Electric/hydraulic                   | Electric/hydraulic                   |                                |
| Drive            | 6.1     | Drive motor, rating KB 60 min                             |                              | kW                             | 2 x 10.5 kW            | 2 x 10.5 kW                | 2 x 10.5 kW                | 2 x 10.5 kW                | 2 x 10.5 kW            | 2 x 10.5 kW            | 2 x 10.5 kW                          | 2 x 10.5 kW                          |                                |
|                  | 6.3     | Battery according to DIN 43531/35/36 A, B, C, no          |                              |                                | 43536 A                | 43536 A                    | 43536 A                    | 43536 A                    | 43536 A                | 43536 A                | 43536 A                              | 43536 A                              |                                |
|                  | 6.4     | Battery voltage   |                              | V                              | 80                     | 80                         | 80                         | 80                         | 80                     | 80                     | 80                                   | 80                                   |                                |
|                  | 6.4.1   | Battery designation                                       | min./max.                    | K <sub>5</sub>                 | Ah                     | 465                        | 465                        | 620                        | 775/930                | 775/930                | 240/500                              | 240/500                              | 240/500                        |
|                  | 6.5     | Battery weight  |                              |                                | kg                     | 1238                       | 1238                       | 1210/1558                  | 1863/2178              | 1863/2178              | 2785                                 | 679/1210                             | 679/1210                       |
|                  | 6.6     | Energy consumption in accordance with EN 16796            |                              |                                | kWh/h                  | 5.82                       | 6.79                       | 8.73                       | 8.73                   | 9.69                   | 10.66                                | 3.10                                 | 3.53                           |
| Miscellaneous    | 8.1     | Type of drive control                                     |                              |                                | STILL MCU 3            | STILL MCU 3                | STILL MCU 3                | STILL MCU 3                | STILL MCU 3            | STILL MCU 3            | STILL MCU 3                          | STILL MCU 3                          |                                |
|                  | 10.7    | Sound pressure level L <sub>pAZ</sub> (operator's ear)    |                              | dB(A)                          | 62                     | 62                         | 62                         | 62                         | 62                     | 62                     | 60                                   | 60                                   |                                |
|                  | 10.8    | Trailer coupling, item/DIN type                           |                              |                                | Rockinger 244          | Rockinger 244              | Rockinger 244              | Type HSM 2140              | Type HSM 2140          | Type HSM 2140          | Rockinger 244                        | Rockinger 244                        |                                |

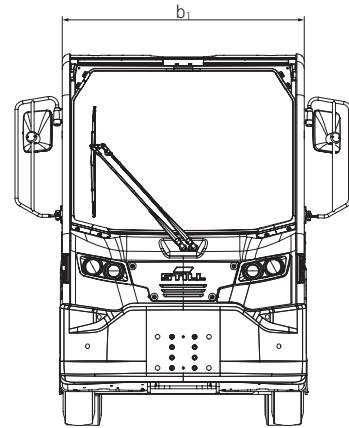
<sup>1</sup> With platform 2200 mm

<sup>2</sup> Optionally with platform 2600 mm

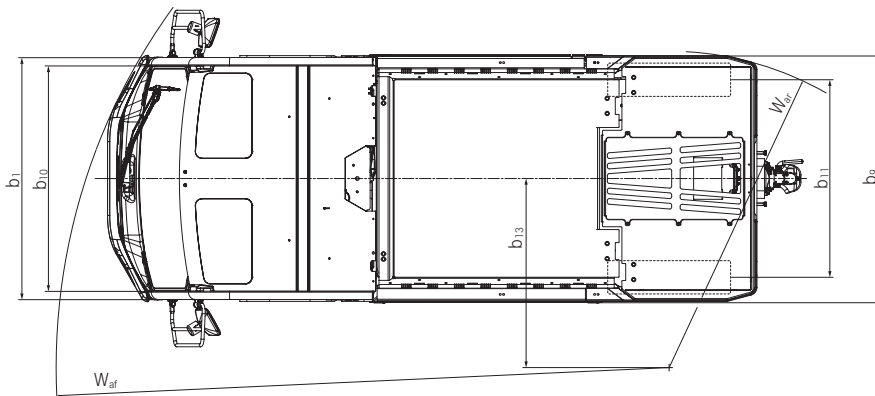
LXT/LXW Electric Tractor and Platform Truck  
 Technical Drawings



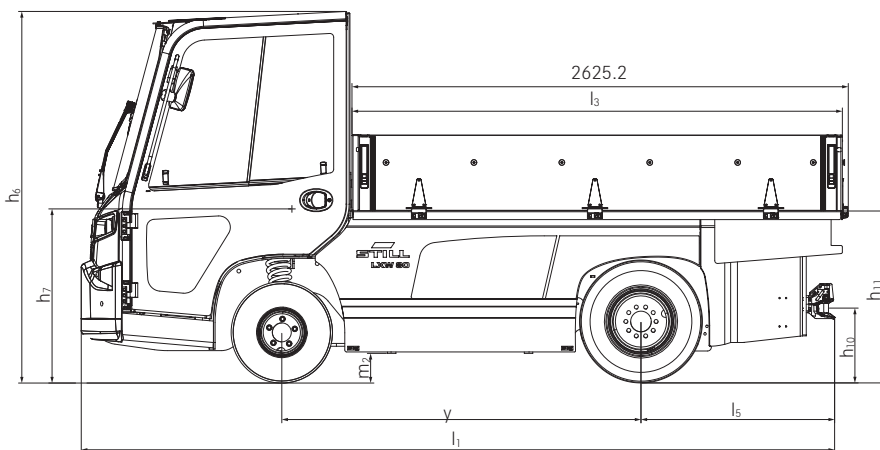
LXT side view



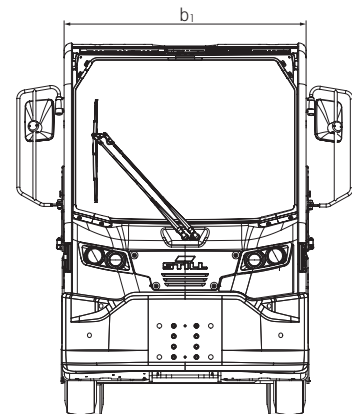
LXT front view



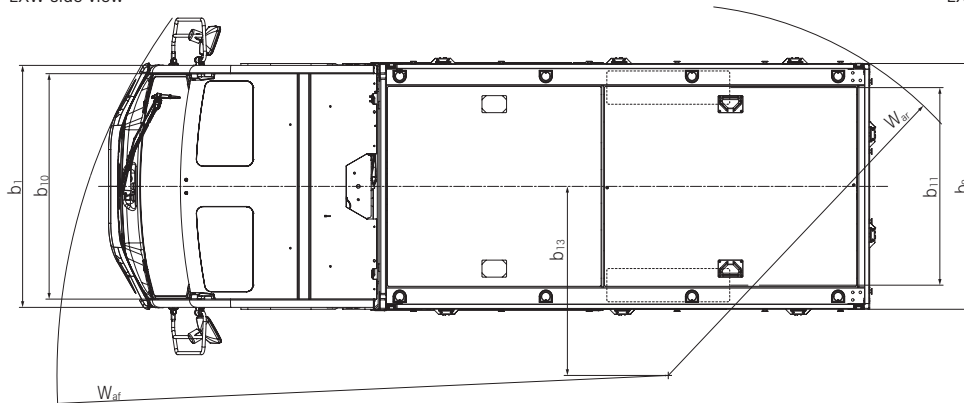
LXT top view



LXW side view



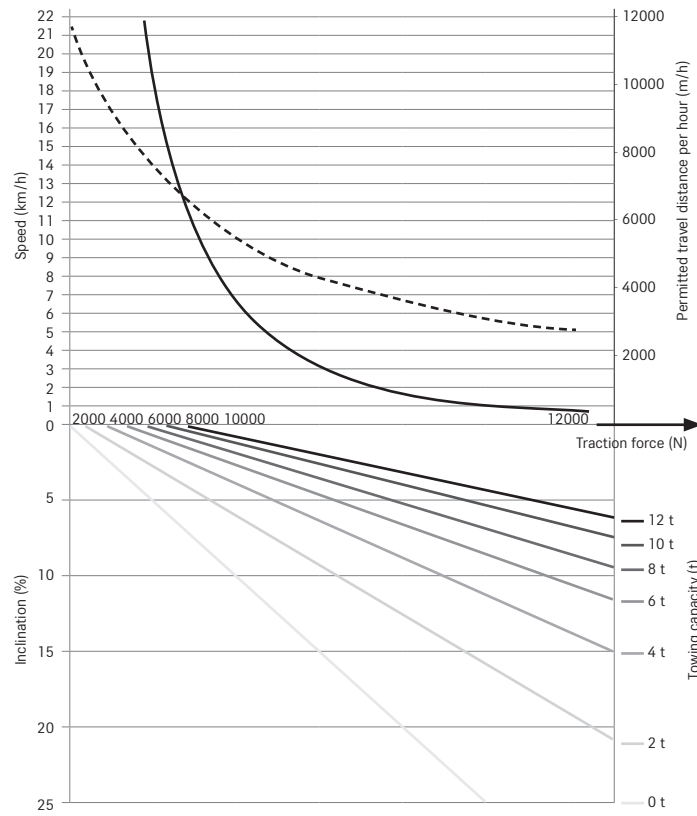
LXW front view



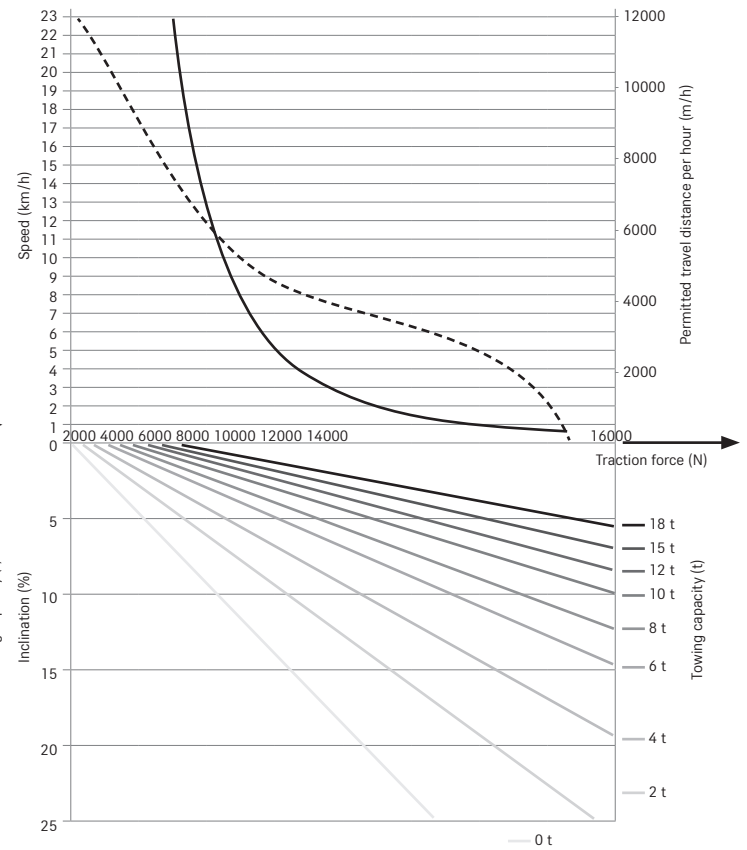
LXW top view

# LXT/LXW Electric Tractor and Platform Truck Performance Diagram

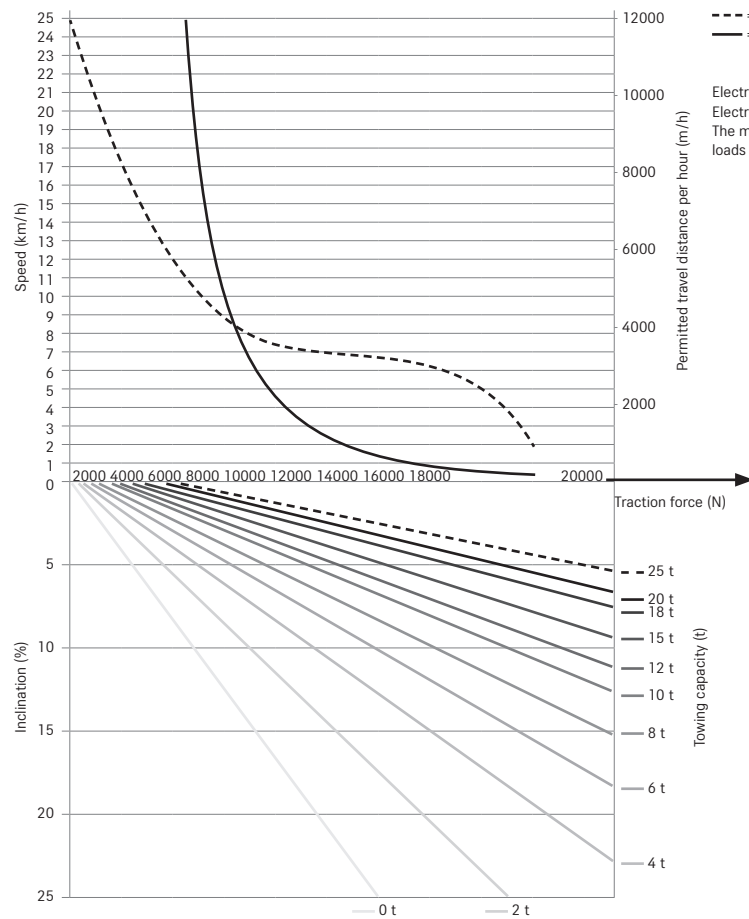
LXT 120



LXT 180



LXT 250

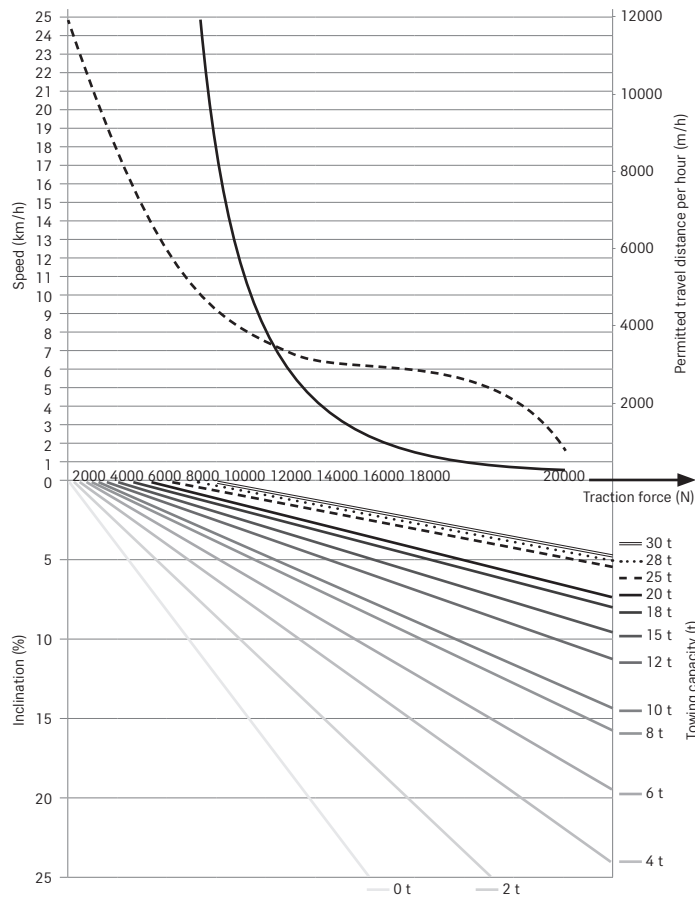


--- = Speed  
 — = Permitted travel distance per hour

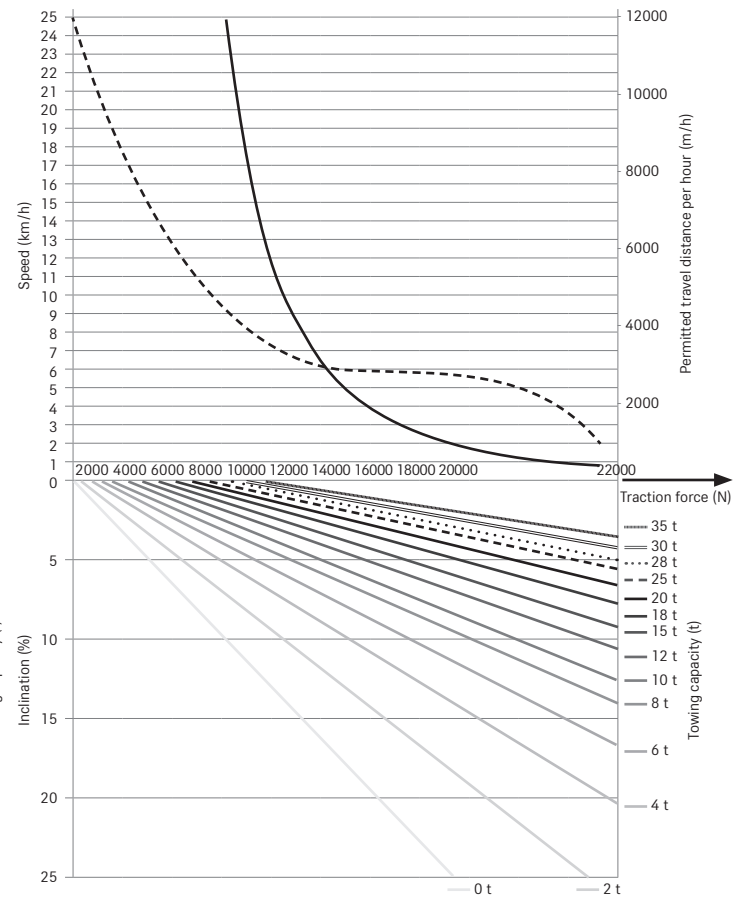
Electric platform truck LXW: It is recommended to use braked trailers only.  
 Electric tractor LXT: It is recommended to use unbraked trailers only for towing on level ground.  
 The maximum loads for unbraked trailers are shown in the table below.  
 loads for unbraked trailers shown in the following table.

# LXT/LXW Electric Tractor and Platform Truck Performance Diagram

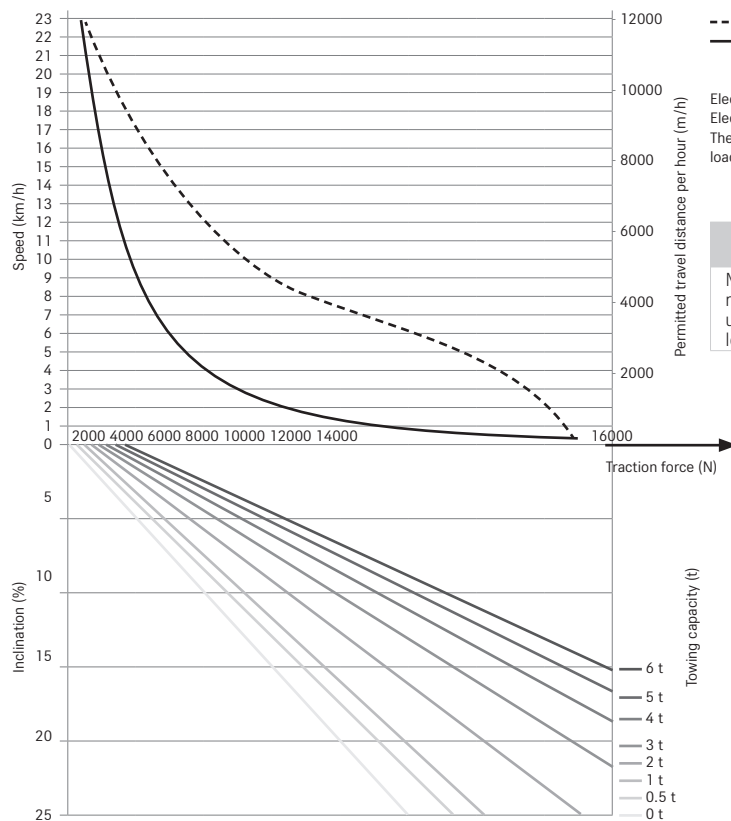
**LXT 300**



**LXT 350**



**LXW 20/30**



--- = Speed  
 — = Permitted travel distance per hour

Electric platform truck LXW: It is recommended to use braked trailers only.  
 Electric tractor LXT: It is recommended to use unbraked trailers only for towing on level ground.  
 The maximum loads for unbraked trailers are shown in the table below.  
 loads for unbraked trailers shown in the following table.

|   | LXT 120 | LXT 180 | LXT 250/<br>250L | LXT 300 | LXT 350 |
|---|---------|---------|------------------|---------|---------|
| Maximum recommended unbraked trailer load | 4 t     | 7 t     | 10 t             | 11 t    | 12 t    |

## LXT/LXW Electric Tractor and Platform Truck Detailed Photos



The optional STILL Flashlight, securely installed below the roof, provides a warning for people in front of and behind the truck



The optional roof window provides an unobstructed view upwards and additional ventilation



Safe and fast charging without opening the battery door thanks to the optional quick charging flap



The robust operator's cabin is spacious and can be flexibly configured, e.g. with different doors or additional mirrors



The optional temperature control creates a consistently pleasant climate in the operator's cabin



## LXT/LXW Electric Tractor and Platform Truck Detailed Photos



Working comfort in a class of its own with optional MSG 75 air sprung seat:  
Superior suspension on cushioned and sprung chassis



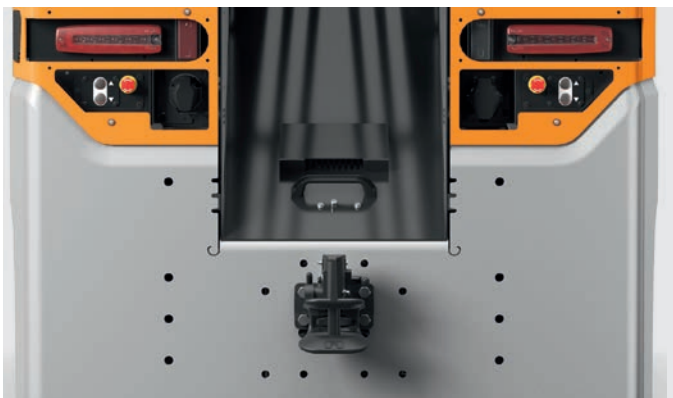
The smooth-running steering wheel with knob ensures top ergonomics. The operator also has an overview of all the available information on a large display



Lateral battery changing as standard, for easy and safe replacement without the need for a crane



Optional vertical battery changing also available for many truck types



Reversing devices at the rear ensure safe and efficient coupling and decoupling



### Simply easy

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- Constant overview of all relevant information thanks to the large, colour STILL Easy Control display with many individual setting options
- Ready for use at all times: quick and easy charging and interim charging anytime and anywhere with the quick charging socket and on-board charger



### Simply powerful

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- Pulls up to 35 tonnes trailing load thanks to powerful twin-engine drive
- Ideally prepared for harsh working environments thanks to robust protection devices for the truck and many of its components



### Simply safe

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- Efficient and safe on any ramp: the unique Descent Speed Regulation (DSR) assistance system automatically regulates travel speed depending on load and tilting angle
- Numerous windows, telescopic mirrors and a rear-view camera ensure safe driving with the best all-round visibility



### Simply flexible

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- Versatile application possibilities due to the modular vehicle portfolio and a multitude of individual equipment variants



### Simply connected

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- Uncomplicated integration of the truck into control systems such as STILL neXXt fleet via an optional interface
- Access protection guarantees complete usage control, safety and damage minimisation

# Simply Efficient





## LXT/LXW Electric Tractor and Platform Truck Efficiency in action

Descent Speed Regulation: safe travel on ramps with speed regulation that responds to the load and inclination angle

Safe all-round warning with STILL Flashlight installed within the truck contour without elevation

Versatile application possibilities due to the extensive vehicle portfolio with 12 to 35 tonnes tractive force and many equipment options

Everything at a glance thanks to STILL Easy Control and the colour multifunction display with individual assignment options



Efficiency in action: an extensive truck portfolio, wide range of modular equipment options and impressive performance. The LXT 120/350 and LXW 20/30 tractors and transport vehicles are impressive even in rough environments and prove that efficiency and top performance can be perfectly combined. The DSR (Descent Speed Regulation) assistance system even takes your handling capacity to a new level: As soon as you reach a slope, the truck determines the exact tilt angle, takes into account the current load weight and automatically adjusts the speed to the current conditions. The result: with towing loads of up to 35 tonnes, you can adapt to any situation while moving as quickly as possible at the same time! The tractors and transport vehicles can

be charged quickly and easily without opening the cover thanks to the quick charging socket or on-board charger. However, this is surprisingly rarely necessary thanks to its impressive energy efficiency. When in use, the smart STILL Easy Control on-board computer is your control centre. The large display provides an overview of all the relevant information, while functions such as various driving programmes are activated by the click of a button. And as if the prospect of a safe, smart and speedy goods flow weren't enough to tick your boxes, just wait until you've tried out the comfortable ergonomics and dynamic driving experience.

### Descent Speed Regulation

The optional Descent Speed Regulation (DSR) assistance system ensures safe travel on ramps at all times with automatic speed regulation which is dependent on the current load and tilting angle.



Basic: previously set speed on descent is manually limited via the switch.



Eco: gradient shown on the display, previously set speed is limited to a predefined value when a gradient is detected.



Premium: gradient shown on the display, speed reduction depending on load and gradient.

# LXT/LXW Electric Tractor and Platform Truck Equipment Variants



|                          |   | LXT 120/<br>LXT 180 | LXT 250 | LXT 250L/<br>LXT 300 | LXT 350 | LXW 20/<br>LXW 30 |
|--------------------------|---|---------------------|---------|----------------------|---------|-------------------|
| Cabin                    | Steel overhead guard with open design                                       | ●                   | ●       | ●                    | ●       | ●                 |
|                          | Weatherproof cabin  | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Weatherproof cabin with strap opening                                       | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Tarpaulin cabin   | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Full cabin  | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Full cabin with sliding doors   | ○                   | ○       | ○                    | ○       | —                 |
| Assistance systems       | Descent Speed Regulation Basic  | ●                   | ●       | ●                    | ●       | ●                 |
|                          | Descent Speed Regulation Eco  | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Descent Speed Regulation Premium  | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Load measurement and load display   | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Rear-view camera  | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Reversing device  | ●                   | ●       | ●                    | ●       | ○                 |
| Energy                   | Lithium-ion version   | ○                   | ○       | ○                    | ○       | ○                 |
|                          | On-board charger  | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Lateral battery change  | ●                   | ●       | ●                    | ●       | ●                 |
|                          | Crane-loadable battery change   | ○                   | ○       | ○                    | —       | —                 |
| Towing coupling          | 3-stage coupling at the rear  | ○                   | ○       | —                    | ○       | —                 |
|                          | Rockinger 244A, rear  | ●                   | ●       | —                    | —       | ●                 |
|                          | HSM 2140, rear  | ○                   | ○       | ●                    | ●       | ○                 |
|                          | Trailer coupling at front   | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Tugger train hydraulics   | ○                   | ○       | ○                    | ○       | —                 |
| Platform                 | Rail 100 mm high  | ●                   | ●       | ●                    | ●       | —                 |
|                          | Rail 350 mm high  | ○                   | ○       | ○                    | ○       | —                 |
|                          | Lashing eyes  | —                   | —       | —                    | —       | ●                 |
|                          | Rail, hinged  | —                   | —       | —                    | —       | ○                 |
|                          | Tarpaulin roof arch construction  | —                   | —       | —                    | —       | ○                 |
| Tyres                    | Pneumatic tyres   | ●                   | ●       | ●                    | —       | ●                 |
|                          | Superelastic tyres  | ○                   | ○       | ○                    | ●       | ○                 |
| Operator's cab equipment | Steering wheel with knob  | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Courtesy light  | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Heating and air-conditioning  | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Radio with Bluetooth  | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Heated front windscreen   | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Right-hand drive or left-hand drive   | ○                   | ○       | ○                    | ○       | ○                 |
|                          | STILL Easy Control multifunction display                                    | ●                   | ●       | ●                    | ●       | ●                 |
| Lights and protection    | Emergency vehicle lighting  | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Flashing light  | ○                   | ○       | ○                    | ○       | ○                 |
|                          | STILL Flashlight: flashing light below the overhead guard                   | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Unbreakable/telescopic/heated exterior mirrors with curb mirrors            | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Protection package for lights and frame                                     | ○                   | ○       | ○                    | ○       | ○                 |
|                          | Trucks are compliant with StVZO (German road traffic licensing regulations) | ○                   | ○       | ○                    | ○       | ○                 |
|                          | FleetManager: access authorisation, shock detection, reports                | ○                   | ○       | ○                    | ○       | ○                 |

● Standard ○ Option — Not available



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