



**301**

Electric tow tractor

Extremely manoeuvrable  
tricycle tow tractor

Capacity: 1,000-1,500 kg  
(2,205-3,307 lb)

Two versions: 301 and 301L

Boarding height: 180/110 mm (7/4 inch)



**SPIJKSTAAL = ELECTRIC MOBILITY**



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# 301

## Electric tow tractor

The Spijkstaal tow tractor 301 is extremely suitable for indoor use and for towing lights loads over short distances and on flat floors. Characteristic for this type of transport is the frequent stepping on and off from the tow tractor. The use of a tow tractor with lowered step height proved to be less tiring and much more efficient. The model 301 is characterized by a very high manoeuvrability, perfect ergonomics, a fast acceleration, compact sizes and a low weight. All of this certainly applies as well to the type 301L, a version with an extra 1,500 kg (3,307 lb) load capacity, extra low step and double, 200 mm rear wheels.

### Technical specifications

#### Drive / Battery

|                     |           |    |
|---------------------|-----------|----|
| Asynchrone AC motor | 2,3       | kW |
| Battery voltage     | 24        | V  |
| Battery capacity    | 270 / 345 | Ah |
| Transmission        | 1:17,1    |    |

#### Performance

|                   |               |      |               |     |            |
|-------------------|---------------|------|---------------|-----|------------|
| Max. speed        | 13            | km/h | 8             | mph |            |
| Pull capacity     | 1,000 / 1,500 | kg   | 2,205 / 3,307 | lb  | 301 / 301L |
| Max. drawbar pull | 1,200         | N    | 256           | lb  |            |

#### Weights

|                           |           |    |             |    |                      |
|---------------------------|-----------|----|-------------|----|----------------------|
| Kerb weight (incl. batt.) | 420 / 470 | kg | 926 / 1,036 | lb | dependent on battery |
|---------------------------|-----------|----|-------------|----|----------------------|

#### Dimensions

|                                       |               |    |         |      |            |
|---------------------------------------|---------------|----|---------|------|------------|
| Length                                | 1,095 / 1,265 | mm | 43 / 50 | inch | 301 / 301L |
| Width                                 | 750           | mm | 30      | inch |            |
| Track width rear                      | 668 / 635     | mm | 26 / 25 | inch | 301 / 301L |
| Wheelbase                             | 675 / 950     | mm | 27 / 37 | inch | 301 / 301L |
| Ground clearance, centre of wheelbase | 70 / 40       | mm | 3 / 1,5 | inch | 301 / 301L |
| Turning diameter                      | 1,950 / 2,450 | mm | 77 / 97 | inch | 301 / 301L |

#### Tyres / Suspension

|                  |                 |  |  |            |  |
|------------------|-----------------|--|--|------------|--|
| Tyre size, front | 230x75          |  |  | solid      |  |
| Tyre size, rear  | 160x50 / 200x50 |  |  | 301 / 301L |  |
| Suspension front | rigid           |  |  |            |  |
| Suspension rear  | rubber dampers  |  |  |            |  |

#### Brakes

|               |                          |
|---------------|--------------------------|
| Service brake | regenerative enginebrake |
| Parking brake | electromagnetic          |

#### Options e.g.

|                           |
|---------------------------|
| Adjustable backrest       |
| Revolving light           |
| Various trailer couplings |