# Towing truck 3.0 - 5.0 ton

TRACTO

*S-series*

TSE300

TSE500

















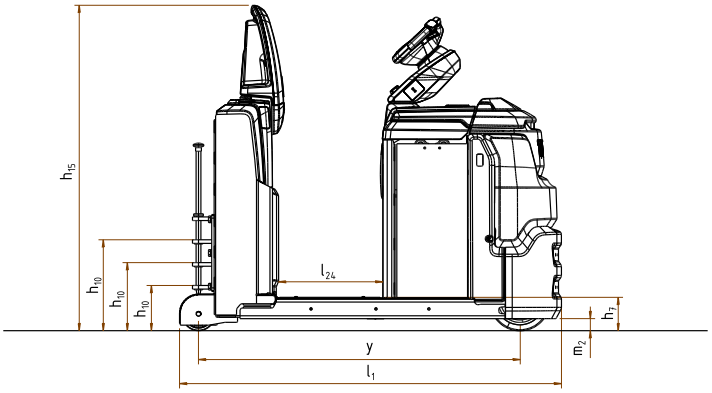
TOYOTA
MATERIAL HANDLING

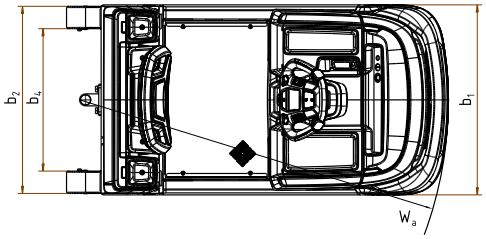
# Towing truck

| Truck specifications | | | | | TSE300 | TSE500 |
|---|---|---|---|---|---|---|
| Identification | 1.1 | Manufacturer | | | Toyota | Toyota |
| | 1.2 | Model | | | TSE300 | TSE500 |
| | 1.3 | Drive | | | Electric | Electric |
| | 1.4 | Operator type | | | Stand on | Stand on |
| | 1.5 | Load capacity/rated load | Q | kg | 3000 | 5000 |
| | 1.7 | Rated drawbar pull | F | N | 1000 | 1150 |
| | 1.9 | Wheelbase | y | mm | 1336 | 1336 |
| Weight | 2.1 | Service weight including battery | | kg | 736 | 736 |
| | 2.3 | Axle load, without load, drive/support arm wheels | | kg | 679/390 | 740/360 |
| Wheels | 3.1 | Drive / castor : fork wheels | | | Polyurethane | Polyurethane |
| | 3.2 | Wheel size, front (drive) | | mm | Ø 250x92 | Ø 250x92 |
| | 3.3 | Wheel size, rear | | mm | Ø 140x70 | Ø 140x70 |
| | 3.3 | Wheels, number front/rear (x=driven wheels) | | | 1(x)/2 | 1(x)/2 |
| | 3.3 | Track width, rear | $b_{11}$ | mm | 685 | 685 |
| Dimensions | 4.2.1 | Overall height | $h_{15}$ | mm | 1350 | 1350 |
| | 4.8 | Stand height | $h_7$ | mm | 130 | 130 |
| | 4.12 | Coupling height | | | | |
| | | towing pin | $h_{10}$ | mm | 188/283/378 | 188/283/378 |
| | | towing ball | $h_{10}$ | mm | 253/393/533 | 253/393/533 |
| | 4.19 | Overall length | $l_1$ | mm | 1588 | 1588 |
| | 4.21 | Overall width | $b_1/b_2$ | mm | 790 | 790 |
| | 4.32 | Ground clearance, centre of wheelbase | $m_2$ | mm | 50 | 50 |
| | 4.35 | Turning radius | $W_a$ | mm | 1508 | 1508 |
| | 4.44 | Clear width driver compartment entrance | $l_{24}$ | mm | 458 | 458 |
| Performance data | 5.1 | Travel speed, with/without load | | km/h | 6,0/12,0 | 6,0/12,0 |
| | 5.6 | Max. drawbar pull, with/without load | | N | 3200 | 3500 |
| | 5.7 | Gradeability, with/without load | | % | see chart | see chart |
| | 5.10 | Service brake | | | Electromagnetic | Electricmagnetic |
| Electric motor | 6.1 | Drive motor rating S2 60 min | | kW | 2,8 | 2,8 |
| | 6.4 | Battery voltage, nominal capacity $K_5$ | | V/Ah | 24/500 | 24/500 |
| | 6.5 | Battery weight | | kg | 364 | 364 |
| | 6.6 | Energy consumption acc to EN16796 / ISO23308 | | kWh/h | TBD | TBD |
| Other | 8.1 | Type of drive control | | | Variable AC | Variable AC |
| | 10.7 | Sound level at the driver's ear according to EN12053 | | dB(A) | 63 | 63 |

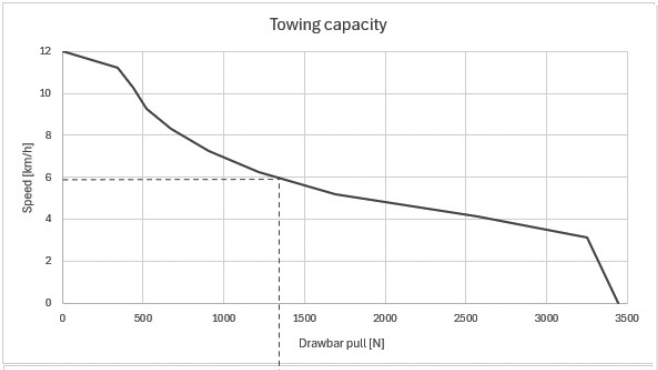
All data are based on table configuration. Other configurations may give other values.
Truck performance and dimensions are nominal and subject to tolerances.
Toyota Material Handling products and specifications are subject to change without notice.

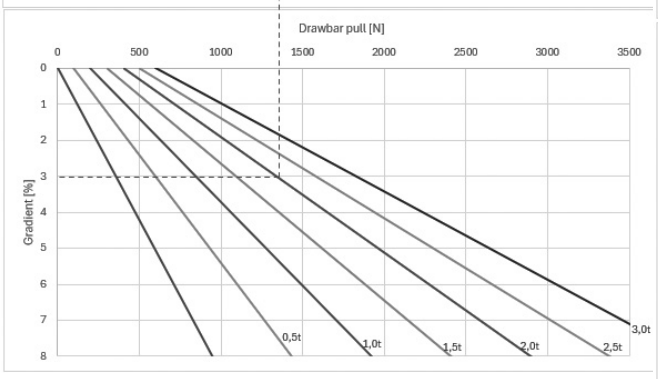
# Dimensional drawings



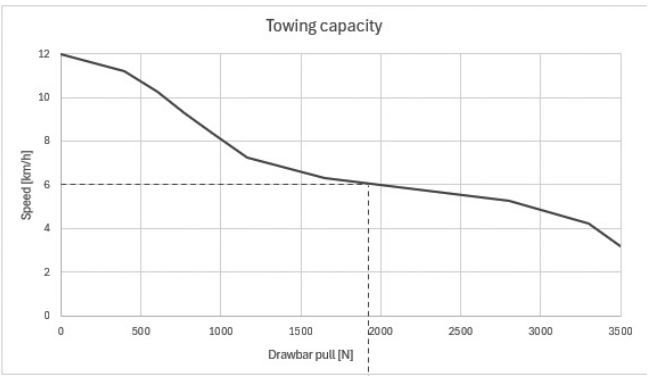



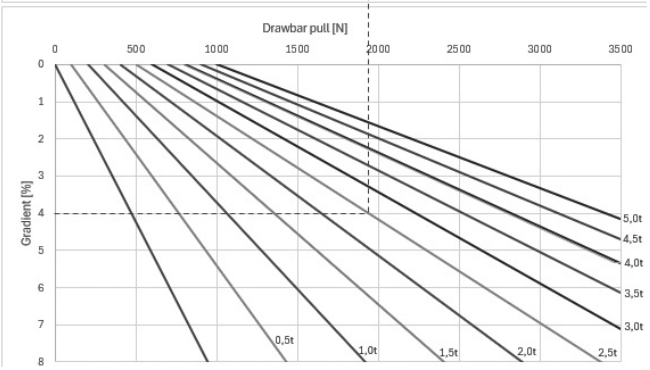

## TSE300




## TSE500



## Truck features:

- High performance models
- E-man steering or E-Steer
- Low step-in
- AC Powerdrive system
- Integrated shrink film holder
- Smart truck with telematics hardware
- Inching buttons
- Extended variety of towing connections
- Optional E-bar for onvenient accessory mounting