# Electric towing tractor 10.0 ton

Tracto

Rider
T4-100













CESAB

www.cesab-forklifts.eu

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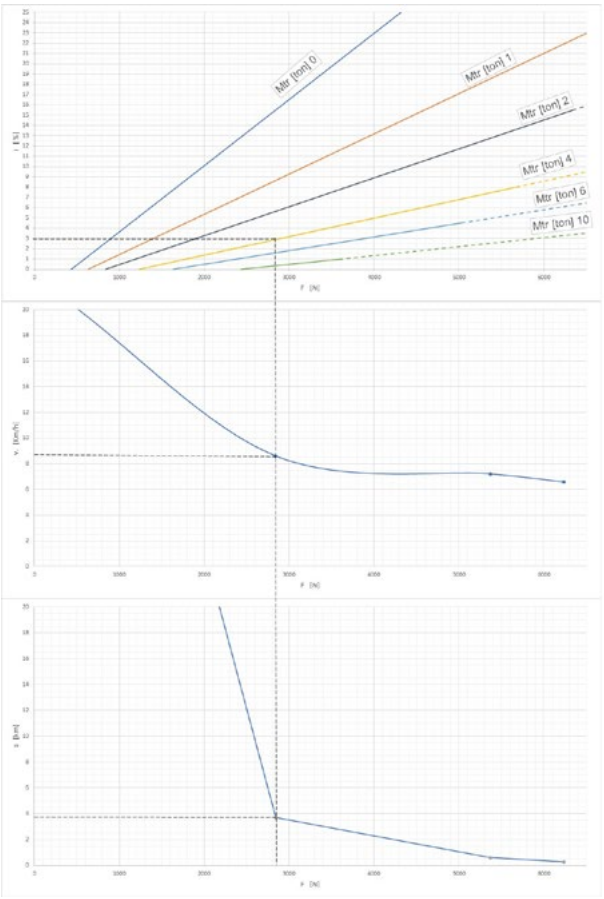
| | | | | |
|---|---|---|---|---|
| **IDENTIFICATION** | | | | |
| 1.1 | Manufacturer | | | CESAB |
| 1.2 | Model | | | T4-100 |
| 1.3 | Drive | | | Electric |
| 1.4 | Operator type | | | Rider seated |
| 1.5 | Load capacity/rated load 1) | Q | kg | 10000 |
| 1.7 | Rated drawbar pull | F | N | 2000 |
| 1.9 | Wheelbase | Y | mm | 1050 |
| **WEIGHT** | | | | |
| 2.1 | Service weight (without battery and cabin) | | kg | 1240 |
| 2.2 | Axle load, with load, front/rear (without operator weight) | | kg | 585/755 |
| 2.3 | Axle load, without load, front/rear (without operator weight) | | kg | 585/655 |
| **TYRES** | | | | |
| 3.1 | Tyre - Cushion(Cu), Extra-elastic(SE), Pneumatic(Pn),Polyurethane | | | SE/PN |
| 3.2 | Wheel size, front | | | 4.00-8 |
| 3.3 | Wheel size, rear | | | 4.00-8 |
| 3.5 | Wheels, number front/rear (x = driven wheels) | | | 2/2x |
| 3.6 | Track width, front | $b_{10}$ | mm | 845 |
| 3.7 | Track width, rear | $b_{11}$ | mm | 875 |
| **DIMENSIONS** | | | | |
| 4.7 | Height of cab | $h_6$ | mm | 2025 |
| 4.8 | Seat height | $h_7$ | mm | 1045 |
| 4.12 | Coupling height | $h_{10}$ | mm | 260/315/370 |
| 4.13 | Loading height, unloaded | $h_{11}$ | mm | 550 |
| 4.16 | Length of loading surface | $l_3$ | mm | 370 |
| 4.17 | Overhang | $l_5$ | mm | 390 |
| 4.18 | Width of loading surface | $b_9$ | mm | 900 |
| 4.19 | Overall length | $l_1$ | mm | 1815 |
| 4.21 | Overall width | $b_1$ | mm | 995 |
| 4.32 | Ground clearance, centre of wheelbase | $m_2$ | mm | 145 |
| 4.35 | Turning radius | $W_a$ | mm | 1740 |
| 4.36 | Internal turning radius | $b_{13}$ | mm | 680 |
| **PERFORMANCE DATA** | | | | |
| 5.1 | Travel speed, with/without load | | km/h | 8,5/20 |
| 5.6 | Max. drawbar pull | | N | 6500 |
| 5.7 | Gradeability | | % | see chart |
| 5.8 | Max. gradeability loaded/unloaded | | % | see chart |
| 5.10 | Service / parking brake (I=Hydraulic E=Electromagnetic M=Mechanical) | | | I/E |
| 5.10.1 | Type of service brake front/rear | | | Drum/multi discs |
| **ELECTRIC MOTOR** | | | | |
| 6.1 | Drive motor rating S2 60 min | | kW | 2x3.1 |
| 6.3 | Battery according to DIN 43531 / 35 / 36 A, B, C, no | | | 43531 A |
| 6.4 | Battery voltage, nominal capacity 2) | $K_5$ | V/Ah | 48/375 |
| 6.5 | Battery weight | | kg | 580 |
| 6.6 | Energy consumption according to EN 16796 | | kWh/h | 3,18 |
| **OTHERS** | | | | |
| 8.1 | Electronics control | | | AC |
| 8.4 | Sound level at driver's ear according to EN12053 | | dB(A) | 66 |

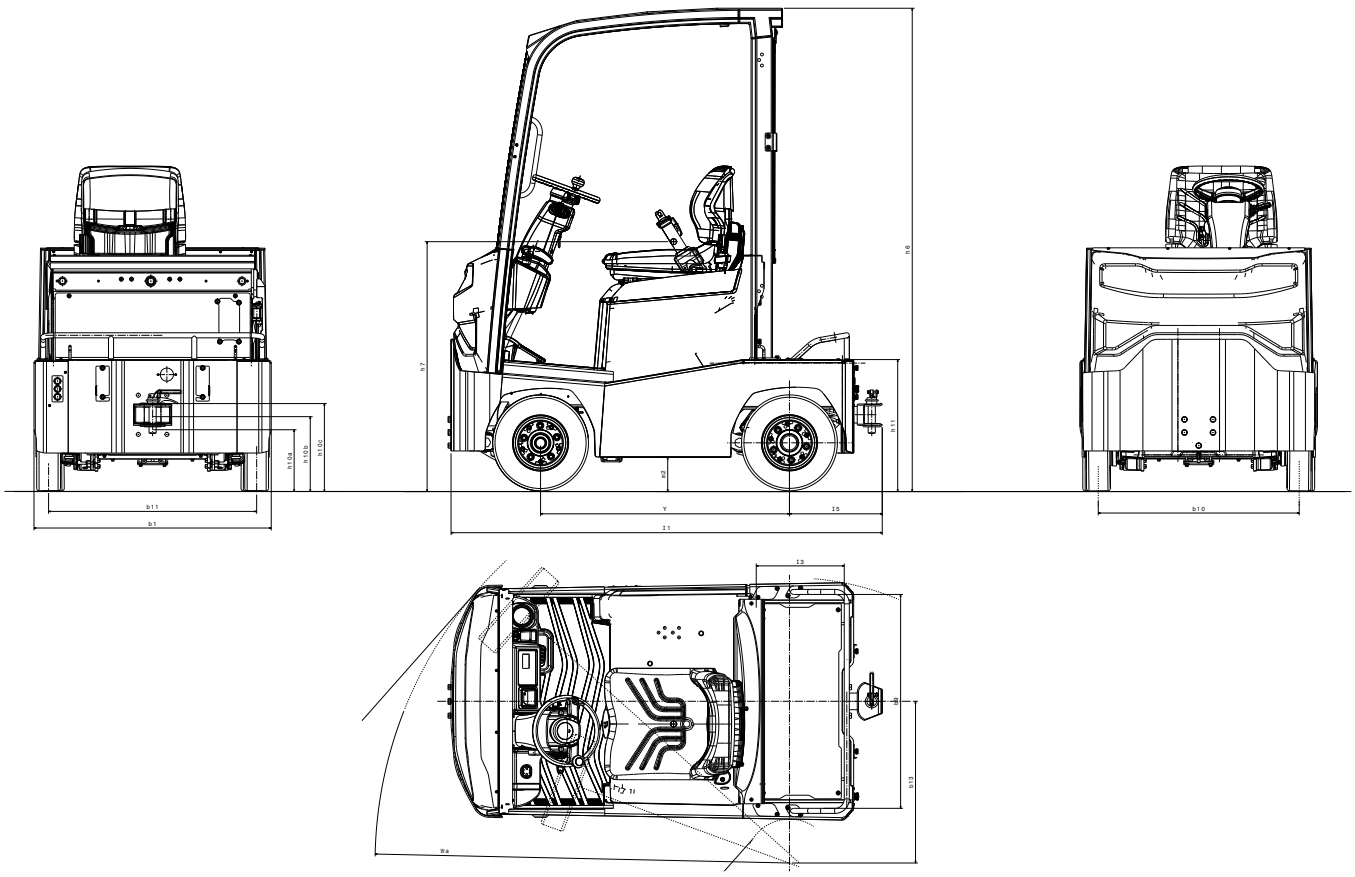
*1) Loading surface capacity: 100 kg.*
*2) Performances and weight are intended with 375 Ah battery.*

*As per VDI guidelines 2198, this datasheet applies to standard electric tractor / platform truck only.*
*Dimensions are not binding and can be changed in any moment. The performances must be intended for brand new machines, after having completed the running-in tested in CESAB factory in normal climatic conditions.*
*Performances and weight are to be intended with standard motors and battery and with pneumatic tires.*
*Some data can vary according to different equipments.*

# Towed weight

**EXAMPLE OF GRAPH READING:**
TOWED LOAD (Mtr) = 4 t
GRADIENT (i) = 3 %
TRACTION FORCE (F) = 2840 N
SPEED (V0) = 8,7 km/h
MAX. RAMP THAT CAN BE COVERED PER HOUR (s) = 3,7 km



# Standard equipments:

- Inching buttons
- Operator presence system
- AC power system
- Pneumatic tyres
- Rear drawbar
- Automatic parking brake
- Regenerative braking
- Digital display
- Outlet 12V USB
- Rear towing hitch 30 mm (change from rear drawbar)
- MSG20 seat
- Servo steering

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