



ELECTRIC TOW TRUCK

3.0 - 6.0 tonnes

UNPARALLED RESILIENCE, UNBEATABLE TOUGHNESS

The robust Towmotor Tow Truck range exceeds expectations in applications that demand endurance over long travel distances. They are operated from a comfortable driver's seat and have the capacity to haul cargo goods for at least one work shift per charge.

Available in either 3.0t (TTD30E) or 6.0t (TTD60E) load capacities, the tow trucks are built with high ground clearance, allowing the operator to shuttle through both indoor and outdoor environments easily regardless of ground conditions or gradients.

With a maximum towing speed of 7.0km/h, they are the optimal choice to meet the toughest requirements - all while operating effectively and safely.

SPECIFICATIONS

TTD30E, TTD60E



AC



TTD30E, TTD60E ELECTRIC TOW TRUCK

3.0 - 6.0 tonnes

PERFORMANCE

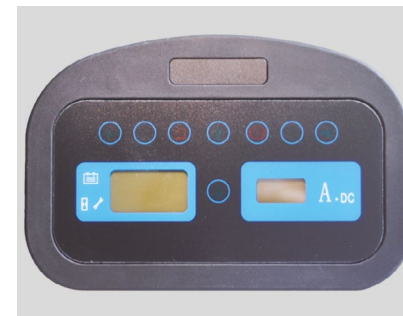
- Smooth travel speed control up to 14km/hr (6t) when unladen
- Powerful AC drive motor giving high performance
- Side battery loading design allows easy battery interchange (optional on TTD30E only)

RELIABILITY & MAINTENANCE

- Quick release tow pins facilitate easy unlocking & locking of the tow hook
- Heavy duty hood offers protection from impacts and from water ingress during light showers
- Robust & maintenance-free AC traction motor allows smooth transitions from point to point
- IP65 AC controller offers good protection against water & dust ingress
- High-quality connectors and durable electrical harnesses
- Standard Battery Discharge Indicator (BDI) shows operating hours, battery level and error code
- Electric power steering (EPS) for effortless steering reduces operator fatigue (optional on TTD60E only)

SAFETY

- Safety seat switch ensures the operator is seated before starting the truck (optional)
- Electromagnetic braking system gives smooth, steady deceleration (standard on TTD30E, optional on TTD60E)
- Mechanical hand brake (Standard on the TTD60E)
- Standard combination lights give good forward illumination and alert nearby pedestrians of the truck's approach
- Walk-beside buttons allow the operator to perform fine adjustments to align the rear tow eye position (optional)
- Partially enclosed cabin offers shelter from light rain (optional)
- Adjustable steering wheel for comfortable operation



STANDARD BDI

Battery Discharge Indicator (BDI) shows operating hours, battery level and error code.



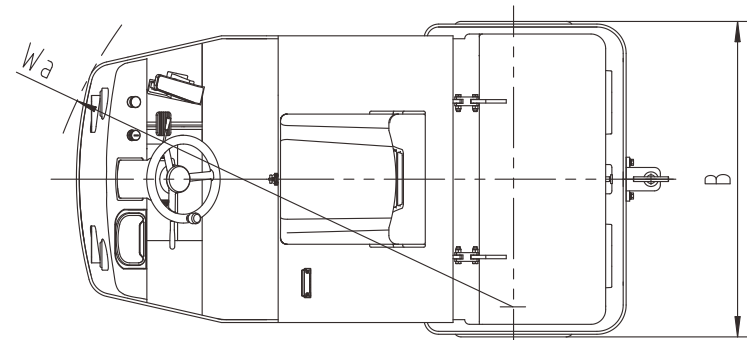
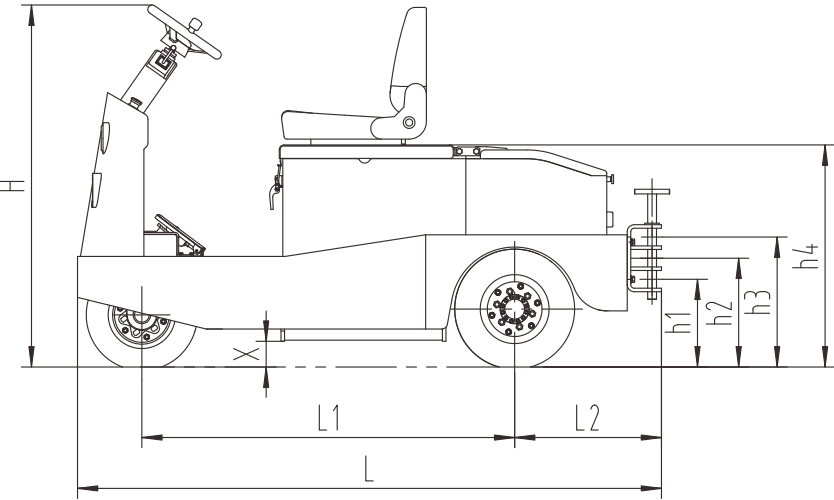
ADJUSTABLE STEERING WHEEL

The steering wheel can be adjusted to suit the operator.

CHARACTERISTICS					
Manufacturer				MLE	MLE
Manufacturer's model designation				TTD30E	TTD60E (AC)
1.2	Power source			Battery	Battery
1.3	Operator type			Seated	Seated
1.4	Max. traction (60 minutes rated)	Q	(kg)	3000	6000
1.5	Rated traction (60 minutes rated)	F	(N / kg)	750 / 75	1500 / 150
1.7	Drawbar center height	h1/h2	(mm)	280 / 350	280 / 350
1.9	Wheelbase	l1	(mm)	1055	1280
WEIGHT					
2.1	Truck weight without load, with maximum battery weight		kg	780	1280
2.2	Axle loadings with nominal load & maximum battery weight, drive/load side		kg	310	450
2.3	Axle loadings without load & with maximum battery weight, drive/load side		kg	470	830
WHEELS, DRIVE TRAIN					
3.1	Tyres: SR=Solid-rubber			Solid - rubber	Solid - rubber
3.2	Tyre dimensions, drive side		(mm)	15"4 ½-8	15"4 ½-8
3.3	Tyre dimensions, load side		(mm)	15"4 ½-8	4.00-8
3.5	Number of wheels, load/drive side (x=driven)	x= Driving wheels		1/2X	1/2X
4.4	Tread, front	w2		0	0
4.5	Tread, rear	w1		860	946
	Rear hanging distance	l2	(mm)	382	450
DIMENSIONS					
4.8	Seat- or stand height	h4	(mm)	910	910
4.9	Overall height	h	(mm)	1270	1250
4.10	Approach angle α1	°		≥54°	≥45°
4.11	Departure angle α2	°		≥37°	≥40°
4.12	Min. ground height	x	(mm)	90	100
4.19	Overall length	L	(mm)	1720	1940
4.21	Overall width	B	(mm)	968	1100
4.35	Turning radius	Wa	(mm)	1490	1650
PERFORMANCE					
5.1 - 5.2	Travel speed, with/without load		km/h	6.5 / 10	7 / 14
5.7 - 5.8	Maximum gradeability, with/without load		%	8 / 10	6 / 15
5.10	Service brake			Mechanical /Hydraulic	Mechanical /Hydraulic
ELECTRIC MOTORS					
6.1	Drive motor capacity (60 min. short duty)		kW	3	5
6.4	Battery voltage/capacity		V /Ah	36 / 250	48 / 400
6.5	Battery weight		kg	250	610
MISCELLANEOUS					
8.1	Type of drive control			Mosfett	Mosfett
8.2	Level of noise		dB(A)	68	68
8.3	Traction bolt			Traction pin	Traction pin

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While high quality is paramount to Towmotor, we also maintain a trusted and reliable network of skilled professionals providing support to owners of Towmotor equipment. You will benefit not only from equipment that will provide years of trouble free service, but also gain the support of a team of experts who will be there should you ever need them. We call it "Towmotor peace of mind."

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Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications or operating environment.
Trucks may be shown with non-standard options.
Specific performance requirements and locally available configurations should be discussed with your distributor.
We follow a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

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