



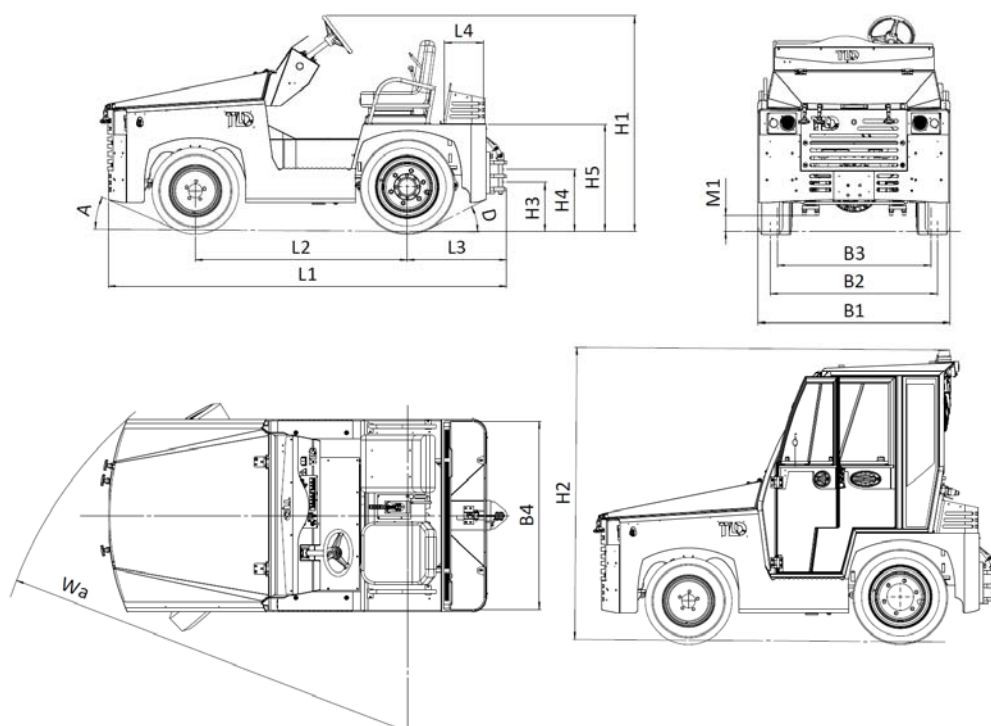
Data Sheet

Baggage Tractor

JST-E

ELECTRIC

HYDROGEN


MERCURY
 GROUND SUPPORT EQUIPMENT




Data Sheet

Baggage Tractor

JST-E



Technical Specifications

1.1	Manufacturer	-	TLD
1.2	Type designation	-	JST-E
1.3	Optional models	-	JST-25-E JST-30-E
1.4	Drive	-	Electric / Hydrogen
1.5	Operator Type	-	Seated
1.6	Rated load capacity	kg (lbs)	25,000 (55,115) 28,000 (61,729)
1.7	Draw bar pull	N (lbf)	24,000 (5,395) 27,000 (6,070)
1.8	Total service weight	kg (lbs)	3,500 (7,716) 3,900 (8,598)
1.9	Tyres type	-	Pneumatic
2.1	Tyre size – Front	-	185R14LT
2.2	Tyre size – Rear	-	28x9-15NHS
2.3	Number of wheels – Front	-	2
2.4	Number of wheels – Rear	-	2
2.5	Overall length	L1 – mm (in)	2,985 (118)
2.6	Wheelbase	L2 – mm (in)	1,600 (63)
2.7	Overhang	L3 – mm (in)	745 (29)
2.8	Length of loading surface	L4 – mm (in)	290 (11)
2.9	Overall width	B1 – mm (in)	1,440 (57)
3.1	Thread – Front	B2 – mm (in)	1,240 (49)
3.2	Thread – Rear	B3 – mm (in)	1,155 (45)
3.3	Width of loading surface	B4 – mm (in)	1,400 (55)
3.4	Overall height (W/O cab)	H1 – mm (in)	1,600 (63)
3.5	Overall height (W/ cab)	H2 – mm (in)	2,185 (86)
3.6	Rear tow hitch height – First level	H3 – mm (in)	300 (12)
3.7	Rear tow hitch height – Second level	H4 – mm (in)	400 (16)
3.8	Loading surface height – Unloaded	H5 – mm (in)	805 (32)
3.9	Ground clearance	M1 – mm (in)	130 (5)
4.1	Turning radius – Wall to Wall	Wa – mm (in)	3,250 (128)
4.2	Approach angle	A (°)	22
4.3	Departure angle	D (°)	26
4.4	Travel speed – Rated load/Unloaded (Forward)	kph (mph)	10 (6.2) 25 (15.5)
4.5	Travel speed – Rated load/Unloaded (Backward)	kph (mph)	- 5 (3.1)
4.6	Max. grade ability – Unloaded	%	35.1
4.7	Max. Load – Drive on a 5% grade with speed over 10kph	kg (lbs)	12,000 (26,455)
4.8	Service brake	-	Dual circuits dry disc brake
4.9	Parking brake	-	Mechanical
5.1	Rear tow hitch type	-	2 levels (E-type)
5.2	Battery voltage/capacity	V/Ah	80/554
5.3	Battery Weight	kg (lbs)	360 (794)
5.4	Drive motor type	-	Electric AC motor SRM
5.5	Drive motor rated output (S2-60min)	kW	23
5.6	Noise level at driver seat	dB (A)	73.6