

SILVERSTONE

MATERIAL HANDLING

Technical data



T20-15ET
E-truck 1.5t

Characteristics			
1.1	Manufacturer		
1.2	Model designation		T20-15ET
1.3	Drive unit		Battery
1.4	Operator type		Walkie
1.5	Load capacity	Q (kg)	1500
1.6	Load center	c (mm)	600
1.8	Load distance (Raised/ Lowered)	x (mm)	883/946
1.9	Wheelbase	y (mm)	1250
Weights			
2.1	Service weight (Incl. battery)	kg	205
2.2	Axle loading, laden operator/load side	kg	500/1005
2.3	Axle loading, unladen operator/load side	kg	25/180
Wheels, Chassis			
3.1	Tyre type		PU/ PU
3.2	Tyre size, operator side		Ø210x70
3.3	Tyre size, load side		2xØ85x60
3.5	Wheels, number operator/load side (x=drive wheels)		1x/ 4
3.7	Tread, Load side	b ₁₁ (mm)	380
Dimensions			
4.4	Lift height	h ₃ (mm)	115
4.9	Height of tiller arm in operating position, min/ max	h ₁₄ (mm)	820/1170
4.15	Fork height, lowered	h ₁₃ (mm)	85
4.19	Overall length	l ₁ (mm)	1600
4.20	Length to face of forks	l ₂ (mm)	450
4.21	Overall width	b ₁ / b ₂ (mm)	560
4.22	Fork dimensions	s/ e/ l (mm)	55/ 150/ 1150
4.25	Fork spread, min/ max	b ₃ (mm)	560
4.32	Ground clearance, center of wheelbase	m ₂ (mm)	35
4.33	Aisle width, 1000x1200 pallet crossways	Ast (mm)	1779
4.34	Aisle width, 800x1200 pallet lengthways	Ast (mm)	1929
4.35	Outer turning radius	Wa (mm)	1475
Performance			
5.1	Travel speed, laden/ unladen	km/ h	3.5/ 4
5.2	Lifting speed, laden/ unladen	m/ s	0.051/ 0.060
5.3	Lowering speed, laden/ unladen	m/ s	0.052/ 0.059
5.8	Maximum gradeability, laden/ unladen S ₂ 5 min.	%	2/ 6
5.10	Service brake		Electromagnetic
Drive			
6.1	Drive motor rating S ₂ 60 min.	kW	0.65
6.2	Lift motor rating at S ₃ 15%	kW	0.84
6.4	Battery voltage/ rated capacity (5h)	V/ Ah	24/ 60
6.5	Battery weight	kg	22.5x2
	Battery compartment dimensions l/ w/ h	mm	260/ 168/ 218
	Battery type		Maintenance free battery
Others			
8.1	Type of drive control		DC
	Manufacturer		CURTIS
8.4	Sound level at operator's ear	dB (A)	74

