

MT-V^{15/20} SERIES

Capacity 1500 KGS / 2000 KGS

Drive by lithium battery

Carry materials efficiently

Perfect alternative for hand pallet truck



4 mm thickness motor cover
Effectively protect the internal motor and the wiring device.



ABS dustproof plastic shell
Make the internal controller and wiring more clean and looks more nicer.



Replaceable battery
Make the charging conveniently



Balance roller for option



Drive control

Turtle speed

Battery indicator

Magnetic movable key



Emergency reverse

Horn

Lifting & lowering



Pin-code handle
(For option)

Technical Specification

	MODEL	MT15V	MT20V
Distinguishing mark	1.3 Power(battery,diesel,petrol gas>manual)	Battery	
	1.4 Operator type	Pedestrian	
	1.5 Load capacity / Rated load	Q(t) 1.5	2.0
	1.6 Load centre distance	C (mm)	600
	1.8 Load distance ,centre of drive axle to fork	X (mm)	950
Weight	1.9 Wheelbase	Y (mm)	1270
	2.1 Service weight	kg 142	145
	2.2 Axle loading, laden front/rear	kg	828/1326
	2.3 Axle loading, unladen front/rear	kg	100/34.5
Tires, chassis	3.1 Tires	PU	
	3.2 Tire size, front	Ø×w (mm)	Ø 210×75
	3.3 Tire size, rear	Ø×w (mm)	Ø 80×70
	3.4 Additional wheels(dimensions)	Ø×w (mm)	\
	3.5 Wheels, number front/rear(x=driven wheels)	1x/4	
Dimensions	3.6 Tread, front	b ₀ (mm)	\
	3.7 Tread, rear	b ₁ (mm)	390/525
	4.4 Lift height	h ₀ (mm)	110
	4.9 Height of tiller in drive position min. / max.	h ₁ (mm)	585/1250
	4.15 Height, lowered	h ₁ (mm)	85
	4.19 Overall length	l ₁ (mm)	1620
	4.20 Length to face of forks	l ₂ (mm)	470
	4.21 Overall width	b ₁ (mm)	550
	4.22 Fork dimensions	s/e/l (mm)	50/160/1150
	4.25 Distance between fork-arms	b ₂ (mm)	550/685
Performance	4.32 Ground clearance, centre of wheelbase	m ₂ (mm)	35
	4.33 Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	1820
	4.34 Fork dimensions	Ast (mm)	1870
	4.35 Turning radius	Wa (mm)	1380
	5.1 Travel speed, laden/ unladen	km/h	4.2/4.5
Motors	5.2 Lift speed, laden/ unladen	m/s	0.017/0.02
	5.3 Lowering speed, laden / unladen	m/s	0.04/0.04
	5.8 Gradeability, laden/ unladen	%	6/10
	5.10 Service brake	Electromagnetic	
Additional data	6.1 Drive motor rating S2 60min	kw	0.9
	6.2 Lift motor rating at S3 10%	kw	0.5
	6.3 Battery acc. to DIN 43531 /35 / 36 A, B, C, no	\	
	6.4 Battery voltage, nominal capacity K5	V/Ah	24/20 48/15
	6.5 Battery weight (minimum)	kg	5.5
	6.6 Energy consumption acc. to VDI cycle	KWh/h	\
	8.1 Type of drive control	DC speed control	
	8.4 Sound level at driver's ear acc. to EN 12053	dB(A)	≤70

