

# Electric pedestrian stacker

Tailift powered stacker offer you customized solutions for any transport distance and lifting height and easy of using in a wide variety of applications. Capacity available from 1000kg to 1200kg and lifting height up to 3500mm

## ETU 16/20 pallet truck

## ETV 10 Normal type

## ETV D 10/12 Double pallet

## ETV M 10/12 Narrow mast



### New AC Technology system

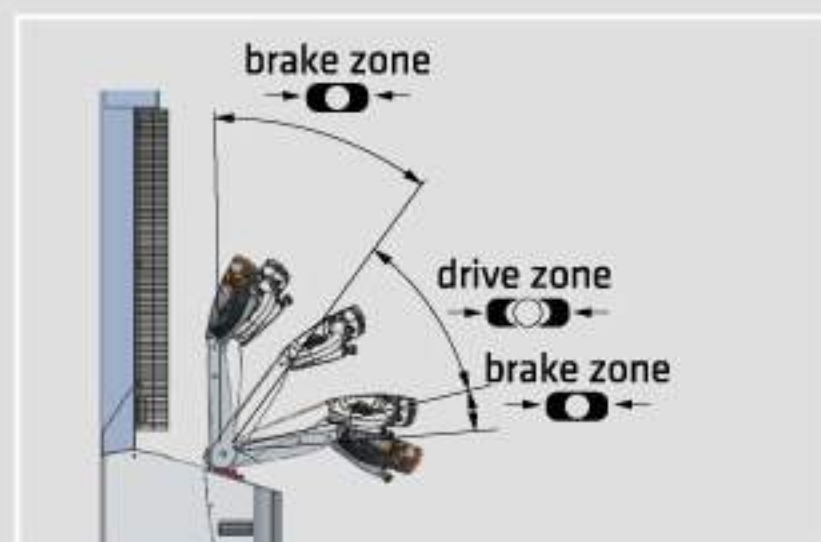
- > To appreciate the latest 24 volt AC drive motor technology.
- > Heavy duty high torque motor ensures optimum control. Starting on a gradient is no problem. An "Anti-Rollback" feature ensures safety.
- > High traction torque
- > Low noise
- > Precise control of the driving speed
- > Maintenance-free enclosed motor construction with improved protection against moisture and dirt.
- > Electrical brakes provided a stabilized stop.
- > Smooth speed accelerating without any shaking
- > If the mast is raised up to the designed highest height, the safety valve on mast will protect the mast from over-raised. If interior charger is charging the battery, the all functions of Stacker will shut off for safety reason.



### Tiller head

**Multifunctional control handle is based on modern ergonomic design. The operator is easy and comfortable to control all Tiller Head functions by just single hand.**

- A:** Mast Up/Down Switch
- B:** F/R Switch
- C:** Safety Bottom-the operator can use his hand or any part of his body to push to force the stacker moving forward and avoid the jammed accident happened.
- D:** Horn
- E:** Crawl Speed Switch
- F:** Ignition Key



### Safety zone

1. If the operator wants the F/R movement after the stacker is on, he needs to push down Tiller Head 10 degrees in order to move the stacker.
2. When Tiller Head reaches the highest/lowest angle, the stacker will stop from moving.

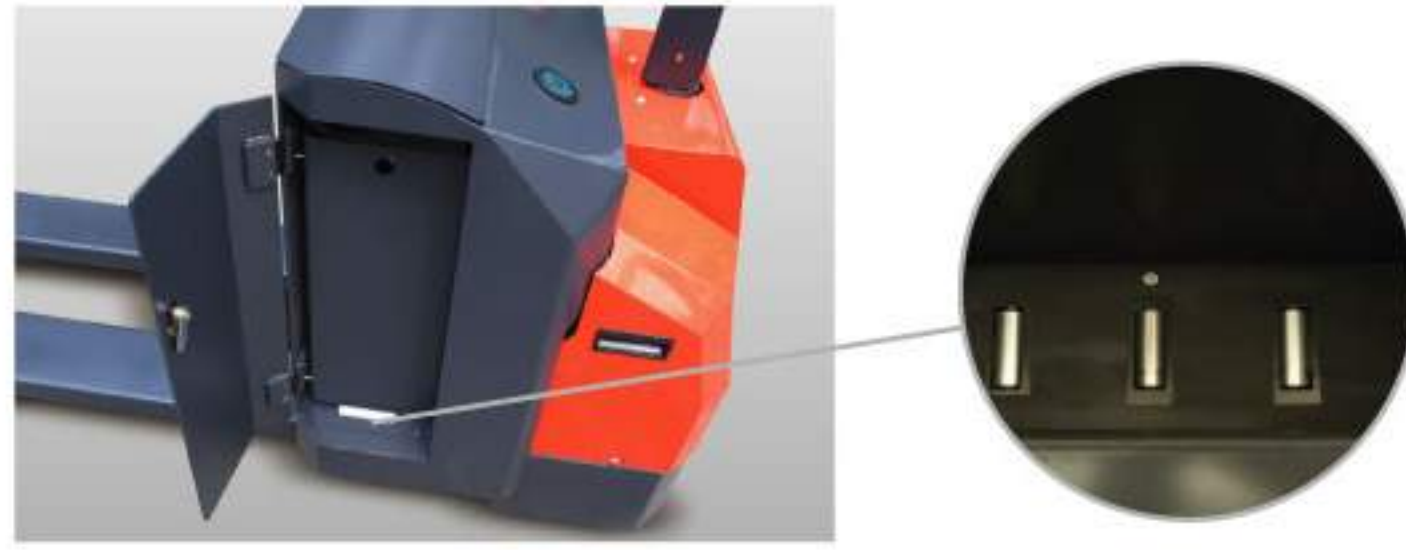


### Multi-function display

- > Emergency stop bottom to cut off all functions immediately
- > Battery discharge
- > Hour meter
- > Servicing reminder
- > Error codes indicator

## Maintenance

1. Modern 3-phase brushless drive motors and regenerative braking ensure fast smooth acceleration and deceleration while giving unrivalled economy of battery power. With no motor brushes or brake linings, service costs are appreciably lower and reliability improved.
2. Side-load battery compartment is easy to charge or change the battery.

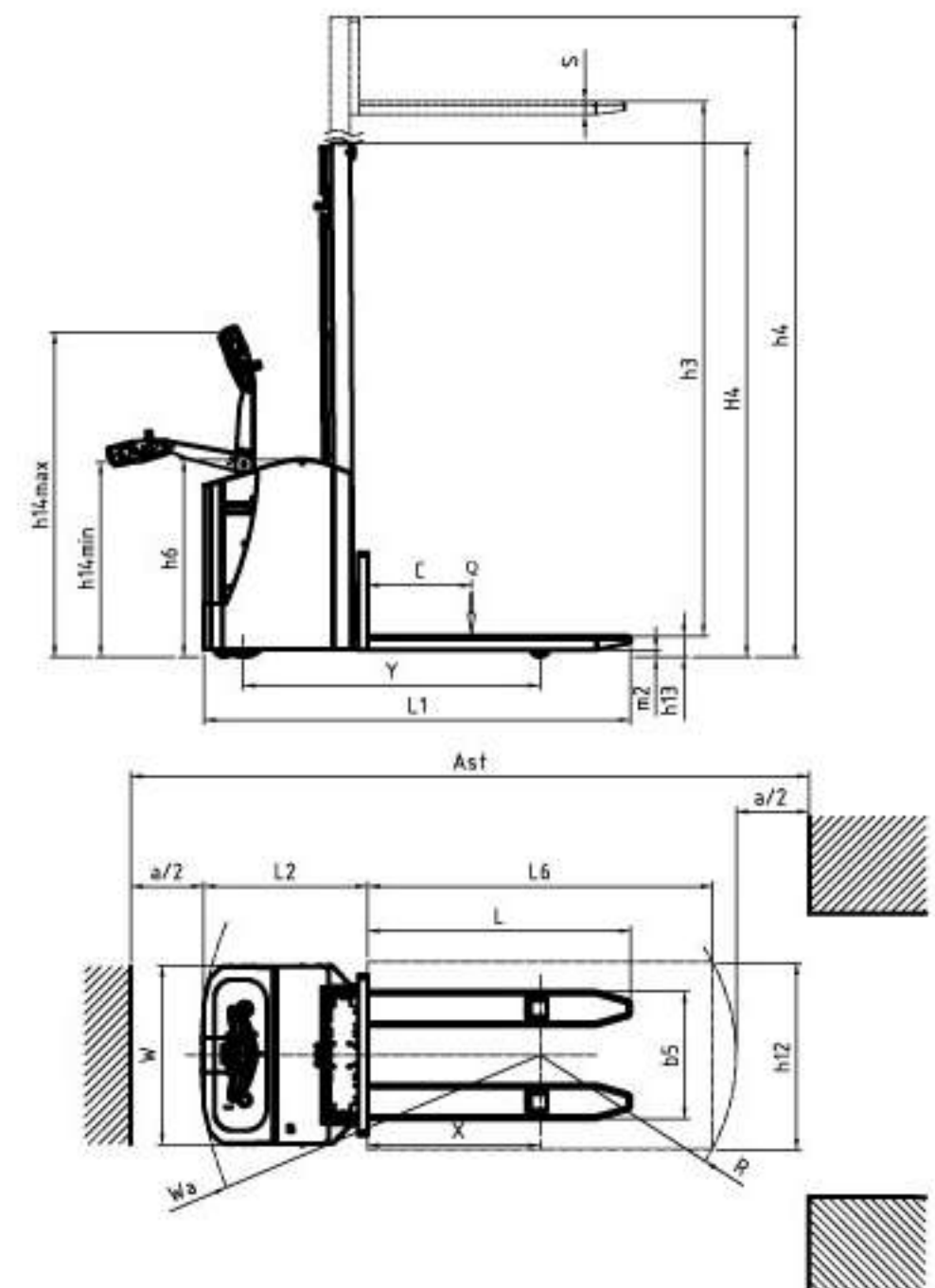


## Specification

Characteristic	1		Tailift							
	Brand		ETV M 10	ETV 10	ETV D 10	ETU 16	ETU 20	ETS 10		
Characteristic	2	Model								
	3	Load capacity	Q	kg	1000	1000	1000	1600	2000	1000
	4	Load center	C	mm	600	600	600	600	600	600
	5	Power source			electric	electric	electric	electric	electric	electric
	6	Operation			walk	walk	walk	walk	walk	walk
	Specification	7	Type of mast			Small middle mast	General	Double forks	No mast	No mast
8		Fork height, lowered	h13	mm	90	90	90	90	90	90
9		Forks dimensions		mm	1150*150*60	1150*150*60	1150*180*60	1150*175*60	1150*175*60	1070*100*35
10		Tow bar height(lowest/highest)	h14	mm	955 / 1360	955 / 1360	955 / 1360	955 / 1360	955 / 1360	955 / 1360
11		Length to fork tips	L1	mm	1730	1860	1980	1870	1870	1860
12		Height of body	h6	mm	855	860	890	855	855	860
13		Length to face of forks	L2	mm	580	710	830	690	690	725
14		Overall width	W	mm	780	770	750	760	760	770
15		Turning radius	Wa	mm	1365	1445	1724	1590	1590	1550
16		Working aisle width AST	Ast	mm	1995	2020	2020	2020	2020	2423
Performance	17	Travelling speed, with/without load		km/h	5.9 / 5.9	5.9 / 6.2	5.9 / 6.5	6.3 / 7.4	6.3 / 7.4	5.9 / 6.2
	18	Lifting speed, with/without load		mm/s	110 / 208	100 / 200	112 / 217	-	-	100 / 200
	19	Lowering speed, with/without load		mm/s	250 / 270	250 / 270	250 / 270	-	-	250 / 270
Bodywork	20	Unladen weight		kg	545	570	700	420	450	770
	21	Tyres (PA=polyamide / PU=polyurethane)			PU	PU	PU	PU	PU	PU
	22	Quantity tyres, front/rear (X=driven wheel)			2/2(1)	2/2(1)	4/2(1)	2/2(1)	2/2(1)	2/2(1)
	23	Dimensions of tyres (driveside)			Ø230*65	Ø230*65	Ø230*65	Ø230*65	Ø230*65	Ø230*65
	24	Dimensions of tyres (loadside)			Ø85*85	Ø85*85	Ø75*65	Ø85*115	Ø85*115	Ø85*85
	25	Addition tyres (dimensions)			Ø95*62	Ø95*62	Ø95*62	Ø95*62	Ø95*62	Ø95*62
	26	Wheelbase	Y	mm	1172.5	1251.5	1532.5	1400	1400	1251.5
	27	Ground clearance	m2	mm	30	31	15	17	17	31
	28	Service brake			Magnet	Magnet	Magnet	Magnet	Magnet	Magnet
	29	Parking lock			Magnet	Magnet	Magnet	Magnet	Magnet	Magnet
Motor	30	Battery type			Starter	Starter	Starter	Starter	Starter	Starter
	31	Battery		AH	2*12V 65Ah	2*12V 135Ah	2*12V 135Ah	2*12V 135Ah	2*12V 135Ah	2*12V 135Ah
	32	Lift motor		kw	2	2	2	2	2	2
	33	Drive motor		kw	0.7	0.7	0.7	0.7	0.7	0.7
	34	Controller			ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI

## Mast information

Model	Height	Mast height lowered h1	Lift height (h3)	Mast height extended h4
ETU16		NA	NA	NA
ETU20		NA	NA	NA
ETV10	1600	1975	1510	1975
ETV10	2500	1730	2410	2895
ETV10	3000	1975	2910	3395
ETV10	3500	2220	3410	3880
ETVM10	1600	1980	1510	2080
ETVD10	1600	1730	1510	1980
ETS10	1600	1970	1450	1975
ETS10	2500	1730	2350	2895
ETS10	3000	1975	2850	3395



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