

CBD20-A2SZLIH H series 2t ride pallet truck



info@tymbia.com | www.tymbia.com

H series



CBD20-A2SZLIH
H series 2t ride pallet truck

VEHICLE ADVANTAGE

High performance guarantees high efficiency

- High operating efficiency, faster traveling speed
- Equipped with dual CPU controller in line with the latest EU standards, with high control precision.
- The traction and steering motors adopt three-phase AC motors, which are powerful and maintenance-free.
- Small turning radius, better than similar products turning performance, flexible operation, freedom of movement.
- Standard three-speed mode.



The latest color screen instrumentation, vehicle information display is comprehensive



Ergonomic superiority

- Standardly equipped with on-board armrests, more convenient to get on the truck.
- Side driving vision is more adequate, unobstructed view. The height of the base plate can be adjusted, adapting to operators of different sizes.
- Ergonomic multi-functional integrated control handle + elbow pad for comfortable grip and easy operation. The drive unit is arranged in a vertical position, freeing up the operator's leg space.

Lightweight multi-function handle

- The function of the operating parts is clear at a glance
- Operating functions are integrated in the handle, easy to use

Maintenance-free

- No need to replenish liquid, dustproof
- No daily maintenance
- No manual maintenance

Green environmental protection

- Zero emission
- Low noise
- No heavy metals
- No drip corrosion
- No acid mist volatilization

Advanced EPS electronic power steering

- EPS electronic power steering provides the vehicle with lightweight, flexible, efficient and quiet operation.
- Steering motor controller
- Automatic centering function
- Steering automatically limits speed and acceleration.

Intelligent security protection

- **Intelligent scene speed limit:** multi-scene identification, intelligent speed limit, balancing efficiency and safety.
- **Intelligent control strategy:** dual-core controller, in line with the latest EU safety requirements.
- **Intelligent curve deceleration:** automatic curve deceleration function can reduce the risk of corner rollover.
- **Intelligent ramp parking:** automatic recognition of ramp scenes, realizing people leaving the truck to stop.
- **Five independent braking systems:**
 - Release of the accelerator handle triggers clicking regenerative braking
 - Release of the foot safety switch triggers the emergency running brake
 - Push-button triggered parking brake
 - Automatically activated parking brake
 - Emergency power-off switch



Long life

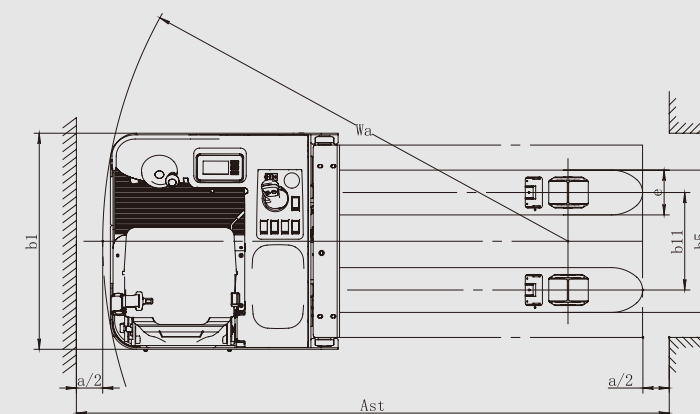
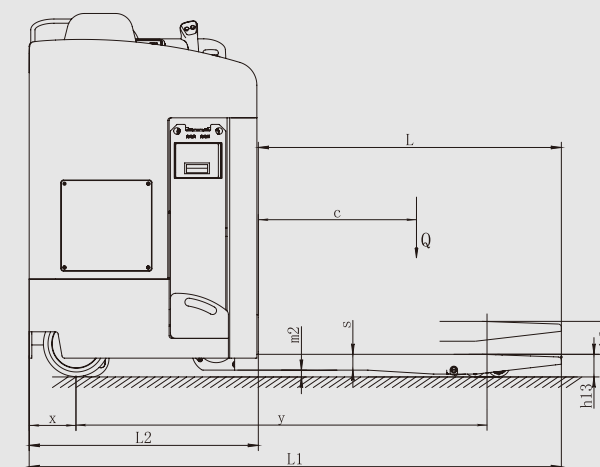
- For the same application, the life expectancy is much longer than lead-acid batteries.
- High-performance lithium assembly five years or 10,000 hours long warranty.

High efficiency and energy saving

- 1-2 hours of charging can meet 6-8 hours of operational use
- High energy density, self-discharge rate of 1% / month or less
- 95% energy conversion rate, energy conversion is more efficient
- Can be recharged at any time, simple operation, without any impact on battery life
- No need to replace the battery, cost savings.

Manufacturer and Technical Data

Characteristics				TYMBIA	
1.1	Manufacturer			CBD20	
1.2	Model			A2SZLIH	
1.3	Configuration number			Seated	
1.4	Type of operation			2000	
1.5	Rated capacity	Q	kg	600	
1.6	Load center distance	c	mm	125	
1.7	Lift height	h3		179	
1.8	Front overhang	x	mm	1535	
1.9	Wheelbase	y	mm		
Tyres				Front and rear polyurethane tires	
2.1	Tyre type			250 x 75	
2.2	Tyre size,driving wheels	ϕ^*w	mm	85 x 85	
2.3	Tyre size,loading wheels	ϕ^*w	mm	140 x 54	
2.4	Tyre size,additional wheels	ϕ^*w	mm	6	
2.5	Wheels,number front/rear (x=driven wheels)			370	
2.6	track width, loading side	b11	mm		
Dimensions					
3.1	Overall length	L1	mm	2019	
3.2	Overall width	b1	mm	820	
3.3	Fork dimension	s/e/l	mm	60×170×1150	
3.4	Width of forks	b5	mm	540	
3.5	Lowered height	h13	mm	90	
3.6	Min.Ground clearance	m2	mm	25	
3.7	Aisle width with pallet 800x1200 along forks	Ast	mm	2297	
3.8	Min.Turning radius	Wa	mm	1700	
Performance Data					
4.1	Travel speed (laden/unladen)	km/h		11/12.5	
4.2	Lift speed (laden/unladen)	mm/s		60/95	
4.3	Lowering speed (laden/unladen)	mm/s		60/50	
4.4	Max.gradeability (laden/unladen)	%		8/13	
4.5	Service brake type			electric	
Battery					
5.1	Battery voltage/rated capacity	V/Ah		24/404	
5.2	Battery weight	kg		350	
Motor and controller					
6.1	Driving motor powering (S2-60min)	kW		3KW	
6.2	Lifting motor powering (S3-10%)	kW		2	
6.3	Controller			ZAPI	
Weight					
7.1	Total weight (with battery)	kg		1030	
7.2	Axle load (laden,front/rear)	kg	1070	1960	
7.3	Axle load (unladen,front/rear)	kg	780	260	
Addition data					
8.1	Type of drive control			AC	
8.2	Sound pressure level at the driver 's ear	dB(A)		68	
8.3	Steering type			Electric	



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