



CB22

Counterbalanced Walkie Stacker



CAPACITY

1000kg at 600 mm load center

BATTERY

Compartment: 756mm x 230mm x open.
Anderson 175 Gray—A-11
Minimum battery weight 154kg

SPEED

24-volt ZAPI ACO Travel Controller

TRAVEL

Variable from 0 to 5.5 km/h empty
Variable from 0 to 5 km/h loaded

TILT

4° Back 2° Forward (loaded @cap)

LIFT

Up to 0.1 m/s empty.
Up to 0.07m/s loaded

LOWERING

Up to 0.15m/s empty.
Up to 0.16m/s loaded

TIRES / WHEELS

DRIVE

Ø210x70 polyurethane

LOAD

Ø80x60 polyurethane

HYDRAULICS

Lift cylinder is hard chrome. Self contained hydraulic power unit. Pressure compensated lowering valves regulates lowering speeds.

ELECTRICAL

ZAPI AC travel controller and AC drive motor provides high torque throughout the entire drive range. Regenerative braking and brushless design drastically reduces maintenance.

Travel speed remains constant relative to throttle position regardless of the load on truck. EPD with built in line contactor.

BRAKES

Electromagnetic brake is mounted on motor armature shaft multiplying the braking power through the ZK10 transmission.

Brake is applied when control arm is in the vertical or horizontal handle position. Travel speed is reduced when forks are above 305mm fork height. Position hold re-sists roll back on ramps.

CONTROLS

Travel, lift, lower and tilt functions are located in the ergonomic operator handle, designed to allow operation with either hand. Wrap around guard, reversing switch, thumb control, and horn are standard.

TRANSMISSION

Vertically mounted drive motor is direct mounted to gear housing. Oil bathed bevel gear drive-train transfers power to axle. State of the art optimized gear technology supplies advantages such as zero maintenance, low noise level, high efficiency and high performance.

FRAME AND MAST

Bolt-on high visibility I-beam construction, lift cylinders are positioned in outer I-beam for good operator visibility through mast. Dual lifting chains.

Class two ITA fork carriage with 915mm tall load back rest.

BEARINGS

DRIVE WHEEL-Tapered roller bearings sealed in oil bath

LOAD WHEELS-Sealed ball bearings

ACCESSIBILITY

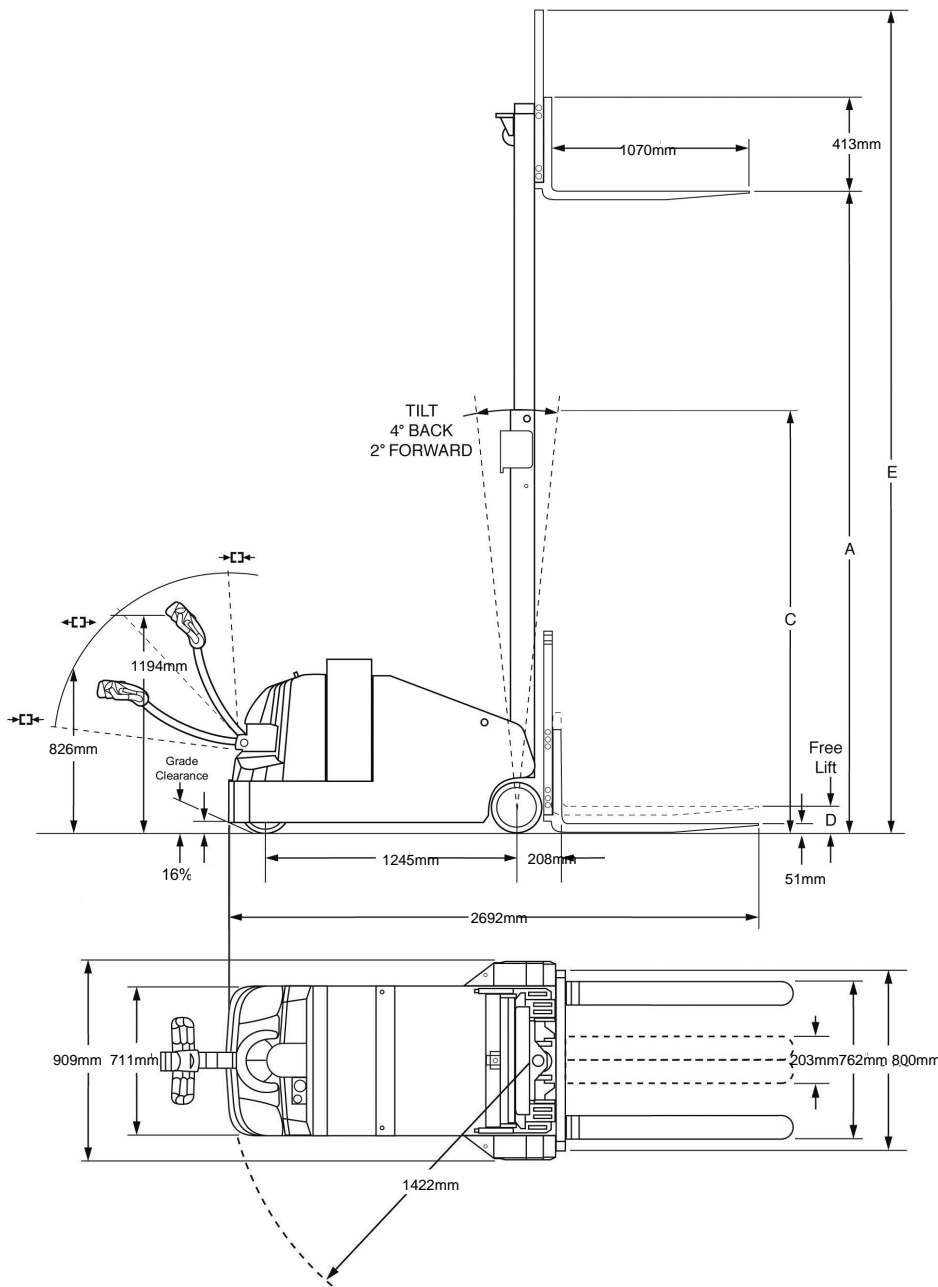
Removal of two piece power head cover exposes major components for inspection and maintenance.

STANDARD EQUIPMENT

- Regenerative Braking
- Gas Assist Spring Handle
- Low Battery Interrupt
- Hour Meter BDI Combo Gauge
- Key Switch
- 915mm Tall Load Backrest

OPTIONAL EQUIPMENT

- Self contained, maintenance free battery pack with built in charger
- Industrial Battery 255 AH 5.9 kwh

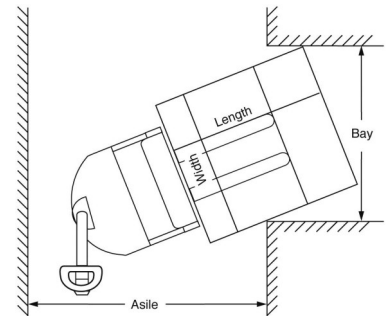


Aisle Guide

CB22 - Right Angle Stacking

Load Width	Load Length		
	915mm	1016mm	1220mm
915mm	2667mm	2743mm	2946mm
1016mm	2692mm	2769mm	2946mm
1220mm	2743mm	2819mm	2997mm

Zero clearance



Aisle dimensions listed above assume 102mm between loads. Use the larger dimension; load width or load length. For ease of use and add 152mm to 305mm for operator clearance to the appropriate specifications listed above. Truck performance may vary due to application requirements and changes in model design.

Add: 51mm to aisle for model CB22-157 with triple stage mast.

Model #	Mast	Lift Height	Col Height	Free Lift	Ext Height w/LBR	Gradability		³ Weight Chassis Only
		A	C	D	E	Loaded	Unloaded	

1000 Capacity @ 600mm Load Center ITA Class II Fork Carriage

CB 22-104	Two Stage	2642	1803	152	3556	5%	8%	1817
CB 22-128	Two Stage	3251	2108	152	4166	5%	8%	1852
CB 22-157*	Triple Stage	3988	1829	1270	4902	5%	8%	2006

*Derate 181kg above 3251mm w/ 224AH battery pack
*Consult factory for derate with industrial battery.

³ Estimated shipping weight without battery