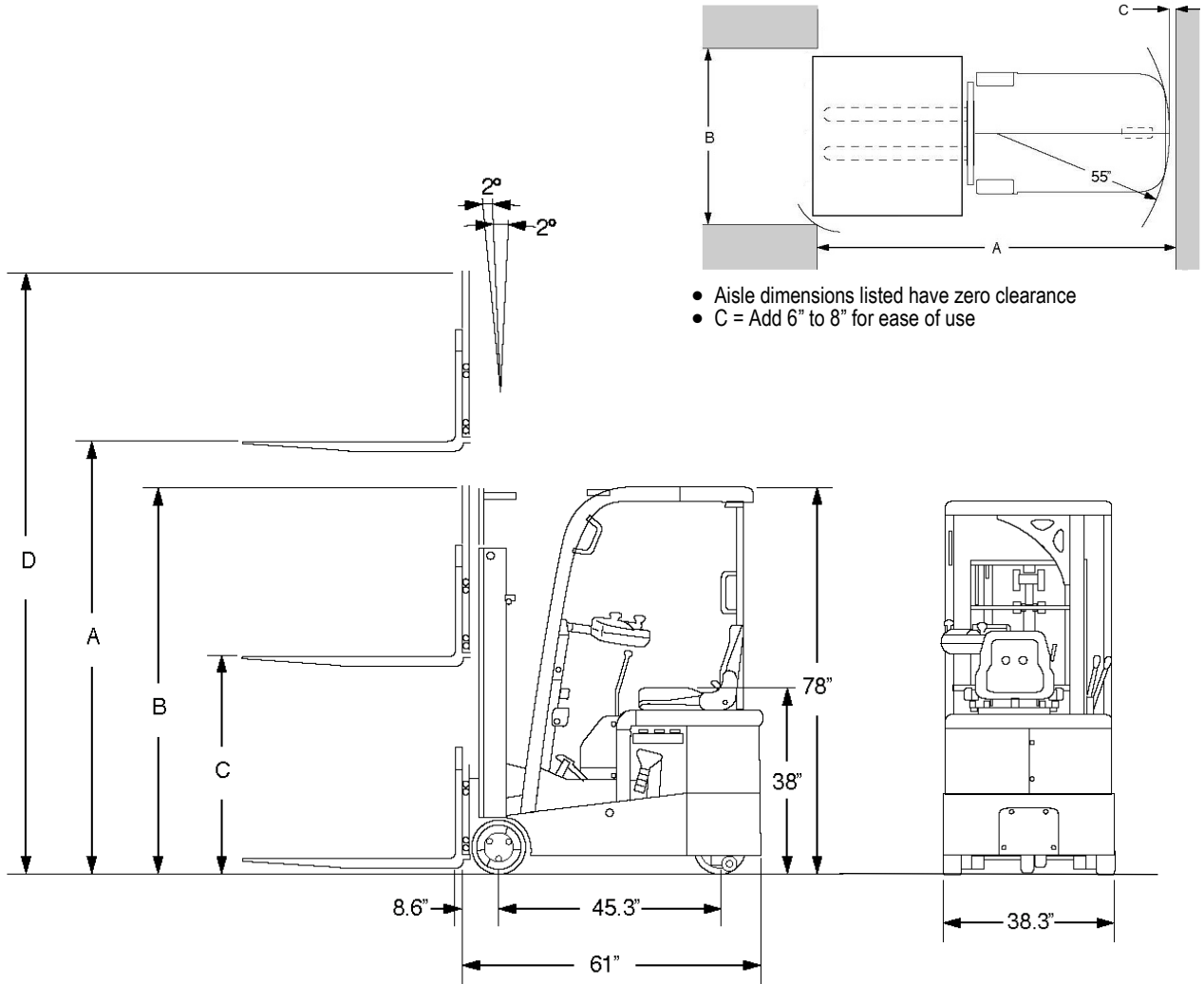


### Right Angle Stacking Requirements Aisle Dimensions

Model Number	Truck Length	Load Size					
		36" x 36"		42" x 42"		48" x 48"	
		B	A	B	A	B	A
V-08	60	42"	106"	48"	111"	54"	117"



- Aisle dimensions listed have zero clearance
- C = Add 6" to 8" for ease of use

Model #	Lift Height		Free Lift		Extended Height		<sup>3</sup> Weight (lbs)
	A	B	Without Backrest	With Backrest	Without Backrest	With Backrest	
	C		D				

**\*1500 lbs Capacity @ 24" Load Center**

V08-157	157	71	50	31	193	174	4171
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\*Includes derate for standard side-shifter feature

<sup>3</sup>Estimated shipping without battery



# V08

## Three Wheel Counterbalanced



### CAPACITY

1500 lbs. at 24" load center

### BATTERY

Battery compartment: 34" x 11" x 24" tall, no cover. Connector Anderson 350 Gray-A22. Minimum battery weight 790 lbs.

### PERFORMANCE

24-volt batteries with 340 Ah capacity ZAPI AC lift and travel control.

### GRADEABILITY

8% - unloaded / 6% - loaded.

### TRAVEL

4.1 mph empty  
3.7 mph loaded

### LIFT

Up to 20.2 fpm empty  
Up to 18.7 fpm loaded

### LOWERING

Up to 2.5 fpm empty.  
Up to 2.8 fpm loaded

### TIRES

FRONT X 2  
11" x 4.25" polyurethane  
STEER DIRVE TIRE X 1  
9" x 3" polyurethane

### OPERATOR COMPARTMENT

Designed to maximize on-board space while offering the operator a comfortable, safe working environment. The truck's moveable control pod features the power steering tiller and convenient forward/reverse travel toggle. Lift/lower, tilt and side-shift levers are easily reached, ergonomically located to the operators right-hand side. Ergonomic adjustable seat and steering column.

### DRIVE UNIT

Vertically mounted 24-volt AC rear drive motor is direct mounted to gear housing. Oil bathed hypoid bevel gear drive train with tapered roller bearings transfers power to axle.

State of the art optimized gear technology supplies advantages such as minimal envelope circle, zero maintenance, low noise level, high efficiency and high performance.

### BRAKES

Electromagnetic brake is mounted on motor armature shaft multiplying the braking power through the transmission. Brake is applied when control arm is in the vertical or horizontal handle position. System features anti-roll back and neutral braking.

### HYDRAULICS

Powerful DC hydraulic lift motor provides smooth high torque lifting and lowering. Hydraulic lift and drive components are sealed against dirt and water protecting them from contamination.

### FRAME AND MAST

Wide view mast, low scuttle and high seating position gives the operator an excellent view, reducing load damage and accidents. Standard integral side-shift improves productivity in tight areas. 2°back tilt with load back rest helps secure loads for transport.

### STANDARD EQUIPMENT

- Non-Marking Polyurethane Tires
- Integral Side-Shift
- Ergonomic Operators Compartment



Operators Control Pod