



ideas @ work

## Product Comparison

Big Joe J1 Joey VS Crown WAV-50 Wave

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# General Specifications

## Industrial vs Commercial Design



### Advantage: Big Joe J1 Joey

Compare the Big Joe J1 Joey to the Crown WAV-50 and you will note the industrial and commercial design characteristics that differentiate and define these products.

Being built from the ground up as an industrial vehicle, the Big Joe J1 Joey significantly outperforms the Crown WAV-50. For a warehouse, plant, or distribution facility in need of equipment to support elevated tasks, the Big Joe J1 Joey delivers more capability, performance and value.

	Big Joe J1 Joey	Crown WAV-50
Max Lift Height	162"	118"
Max Main Load Tray Cap.	500lbs.	200lbs.
Main Load Tray Size	639 sq in	556.5 sq in
Battery Capacity	224AH	195AH
Battery Compartment	Changeable Roller Type	Fixed Integral
Mast Type	Two Channel I-Beam	Monomast
Drive System	AC	DC
180 Degree Turn Aisle	72"	72"
Max Travel Speed	5 mph*	4 mph
Towing Capability	2,500lbs.	None
Weight with Battery	2650lbs.	1225lbs.
ANSI Compliance	ANSI 92.6	Not Sighted

\*With high speed option. J1 Joey includes 4 operator selectable travel speeds and infinitely variable travel control.

## Operator Comfort & Controls



Compare the operator compartments and controls of both vehicles. The operator compartment is much more spacious on the Big Joe J1 Joey and allows for egress from either side of the vehicle. The controls on the Big Joe J1 Joey are intuitive to operate and allow for more accurate vehicle control because of a single steer tire and AC power steering. The Crown directional toggle is similar to a rocker switch which initiates rotation of the vehicle to the left or right, this makes vehicle positioning and maneuvering of the Crown WAV-50 more difficult.

**Advantage: Big Joe J1 Joey**



**Big Joe:** Left Hand Mini Steering Wheel  
Right Hand Fingertip Travel Control



**Crown:** Left Hand Directional Toggle  
Right Hand Twist Grip Travel Control



Low 9.5" Step Height, Single Foot Switch  
Full Width Operators Compartment



11-12" Step Height, Dual Foot Switch  
Narrow Operators Compartment

## Elevating System



Compare the elevating systems of the Big Joe J1 Joey and Crown WAV-50 and you will understand why operators feel more confident at height and why the Big Joe unit is able to support more weight and attain much higher lift heights.

**Advantage: Big Joe J1 Joey**



**Big Joe:** I-Beam Steel Channel Mast  
Mast Behind Operator Design  
Added Sense of Security



**Crown:** Telescoping Monomast  
Gate Behind Operator Design





## Power & Serviceability



Compare the battery compartment configurations of both vehicles, and the battery types, and flexibility provided by each design. The Big Joe J1 Joey allows for more battery power with the added ability to swap batteries for peak demand or support multiple shift operations.

**Advantage: Big Joe J1 Joey**



**Big Joe:** The standard Big Joe J1 Joey comes with a 224AH AGM maintenance free battery pack that outperforms and outlasts gel type batteries like those used on the Crown WAV-50. AGM batteries stay cool during charge and support opportunity charging for as little as 30 minutes. Industrial batteries can also be used on the Big Joe J1 Joey which is not possible on the Crown unit. The open battery compartment with rollers allows for side extraction if desired.

The Big Joe J1 Joey's front service compartment provides exceptional upright access to all of the vehicle's major components. The Big Joe J1 features non-proprietary components from the world's top producers which makes service less reliant on specialized or certified technicians.



**Crown:** 195AH gel batteries heat significantly during charge and must cool prior to re-entering service. Awkward horizontal service access is compounded by the need for proprietary parts and specialized technicians.

Because of the inability to easily swap or opportunity charge the Crown WAV-50 batteries, multiple shift operations or periods of peak demand may present challenges.

## Productivity



Compare the productivity of the Big Joe J1 Joey and Crown WAV-50 and you will see how the Big Joe J1 Joey can do more - with little in the way of compromise. Easier to accurately position and capable of transporting more materials or goods, the Big Joe J1 Joey has several very clear productivity advantages.

**Advantage: Big Joe J1 Joey**



**Big Joe:** Single front drive & steer wheel allows for very accurate vehicle control when operating around machinery or storage racks. The ability to tow a cart combined with the hideaway rear platform dwarfs the amount of goods or materials that can be transported by the Crown WAV-50.

With the ability to clear the front load tray to a cart and tow up to 2,500lbs., the J1 Joey can stay on task for longer periods of time while the base unit can turn around in the same 72" turn aisle as the Crown WAV-50.



**Crown:** The front swivel casters on the WAV-50 often become out of sync with the intended direction of travel. Similar to pushing a shopping cart, a wobble or orbit of the wheel during forward transit can make control in tight areas difficult.

The lower load platform is limited in volume and carrying capacity.



## Product Comparison Summary



Best Value: Big Joe J1 Joey

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- + Operator Comfort & Controls
- + Elevating System
- + Power & Serviceability
- + Productivity