

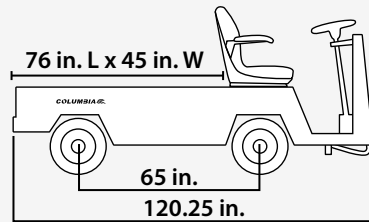
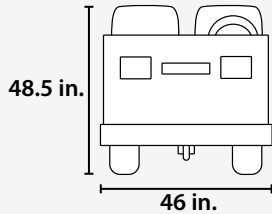
# SPECIFICATIONS & FEATURES



## PAYLOADER BC2-L



### Dimensions



Step Height  
16.5 in.  
Load Bed Height  
29 in.  
Ground Clearance  
4.5 in.

### Performance

#### Max Speed Forward

36 Volt - 14 MPH  
48 Volt - 17 MPH

#### Turning Radius

Curb to Curb - 264 in.  
Intersecting Aisle - 92 in.

#### Range<sup>1</sup>

36 Volt - Up to 25 miles  
48 Volt - Up to 30 miles

### Weight & Capacity

#### Vehicle Weight

36 Volt - 1,550 lbs.  
48 Volt - 1,690 lbs

#### Rated Capacity<sup>2</sup>

2,400 lbs.

#### Towing Capacity

6,500 lbs.

### Power Train

#### BC2-L 36 Volt

#### BC2-L 48 Volt

|                          |  |   |
|--------------------------|--|---|
| Motor:                   | Totally enclosed, NEMA class H temperature rated motor   |   |
| Horsepower:              | 9.1 HP @ 1290 rpm  | 15.3 HP @ 1750 rpm                                |
| Batteries:               | Six 6 volt, heavy duty, 232 amp hour deep cycle  | Eight 6 volt, heavy duty, 232 amp hour deep cycle |
| Charger:                 | Built in, micro-processor control, fully sealed, anti-drive away interlock, 110-240 VAC, 50 / v60 HZ |   |
| Controller Type:         | Programmable, solid state, reduced speed reverse with diagnostic LED & calibrator interface          |   |
| Controller Rating:       | 400 amp  |   |
| Motor Braking Mode:      | Regenerative and pedal proportional braking with top speed limiting                                  |   |
| Directional Control:     | Dash-mounted safety directional keyswitch  |   |
| Drive Unit/Differential: | Direct drive, oil bath, helical gears, 10.37:1 final drive ratio                                     |   |

### Body

|                     |   |
|---------------------|---|
| Passenger Capacity: | Two   |
| Seating:            | Adjustable bucket seats with arm rests  |
| Body:               | Welded heavy duty, 12-gauge structural steel smooth plate body  |
| Lighting:           | Dual recessed head, Tail and brake lights   |
| Accessories:        | Battery discharge indicator, Horn, Reverse warning alarm, Driver seat power interlock switch<br>Composite deck board with High Density Polyethylene overlay |

### Chassis

|                              |  |
|------------------------------|--|
| Frame:                       | 10 Gauge Steel   |
| Steering:                    | Automotive steering wheel to heavy duty worm and roller gear |
| Brakes<br>Service & Parking: | Dual, Rear hydraulic drum, Hand operated parking brake       |
| Suspension:                  | Independent leaf springs                                     |
| Bumpers<br>Front & Rear:     | Integral to chassis/frame                                    |
| Tires:                       | 5.70" x 8", pneumatic, 8 ply rating, load range D            |

<sup>1</sup> Range will vary depending on temperature, grade, payload and driving style. | <sup>2</sup> Includes personnel, cargo, options and accessories.  
All specifications are subject to change without notice.

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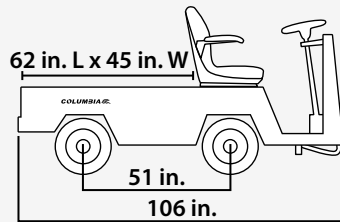
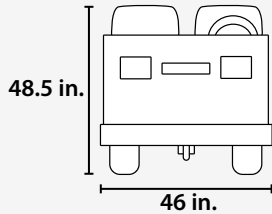
# SPECIFICATIONS & FEATURES



## PAYLOADER BC2-S



### Dimensions



Step Height  
16.5 in.  
Load Bed Height  
29 in.  
Ground Clearance  
4.5 in.

### Performance

#### Max Speed Forward

36 Volt - 14 MPH  
48 Volt - 17 MPH

#### Turning Radius

Curb to Curb - 243 in.  
Intersecting Aisle - 72 in.

#### Range<sup>1</sup>

36 Volt - Up to 25 miles  
48 Volt - Up to 30 miles

### Weight & Capacity

#### Vehicle Weight

36 Volt - 1,430 lbs.  
48 Volt - 1,550 lbs

#### Rated Capacity<sup>2</sup>

2,200 lbs.

#### Towing Capacity

6,500 lbs.

### Power Train

#### BC2-S 36 Volt

#### BC2-S 48 Volt

|                          |  |   |
|--------------------------|--|---|
| Motor:                   | Totally enclosed, NEMA class H temperature rated motor   |   |
| Horsepower:              | 9.1 HP @ 1290 rpm  | 15.3 HP @ 1750 rpm                                |
| Batteries:               | Six 6 volt, heavy duty, 232 amp hour deep cycle  | Eight 6 volt, heavy duty, 232 amp hour deep cycle |
| Charger:                 | Built in, micro-processor control, fully sealed, anti-drive away interlock, 110-240 VAC, 50 / v60 HZ |   |
| Controller Type:         | Programmable, solid state, reduced speed reverse with diagnostic LED & calibrator interface          |   |
| Controller Rating:       | 400 amp  |   |
| Motor Braking Mode:      | Regenerative and pedal proportional braking with top speed limiting                                  |   |
| Directional Control:     | Dash-mounted safety directional keyswitch  |   |
| Drive Unit/Differential: | Direct drive, oil bath, helical gears, 10.37:1 final drive ratio                                     |   |

### Body

|                     |   |
|---------------------|---|
| Passenger Capacity: | Two   |
| Seating:            | Adjustable bucket seats with arm rests  |
| Body:               | Welded heavy duty, 12-gauge structural steel smooth plate body  |
| Lighting:           | Dual recessed head, Tail and brake lights   |
| Accessories:        | Battery discharge indicator, Horn, Reverse warning alarm, Driver seat power interlock switch<br>Composite deck board with High Density Polyethylene overlay |

### Chassis

|                              |  |
|------------------------------|--|
| Frame:                       | 10 Gauge Steel   |
| Steering:                    | Automotive steering wheel to heavy duty worm and roller gear |
| Brakes<br>Service & Parking: | Dual, rear hydraulic drum, hand operated parking brake       |
| Suspension:                  | Independent leaf springs                                     |
| Bumpers<br>Front & Rear:     | Integral to chassis/frame                                    |
| Tires:                       | 5.70" x 8", pneumatic, 8 ply rating, load range D            |

<sup>1</sup> Range will vary depending on temperature, grade, payload and driving style. | <sup>2</sup> Includes personnel, cargo, options and accessories.  
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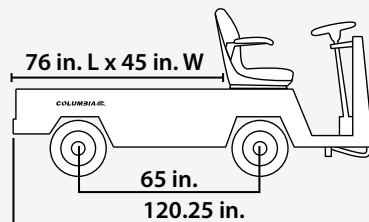
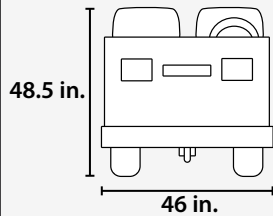
# SPECIFICATIONS & FEATURES

## COLUMBIA

## PAYLOADER BC3-L



### Dimensions



Step Height  
16.5 in.  
Load Bed Height  
29 in.  
Ground Clearance  
4.5 in.

### Performance

#### Max Speed Forward

36 Volt - 10 MPH  
48 Volt - 13 MPH

#### Turning Radius

Curb to Curb - 264 in.  
Intersecting Aisle - 92 in.

#### Range<sup>1</sup>

36 Volt - Up to 25 miles  
48 Volt - Up to 30 miles

### Weight & Capacity

#### Vehicle Weight

36 Volt - 1,580 lbs.  
48 Volt - 1,720 lbs

#### Rated Capacity<sup>2</sup>

3,200 lbs.

#### Towing Capacity

10,000 lbs.

### Power Train

#### BC3-L 36 Volt

#### BC3-L 48 Volt

|                          |  |   |
|--------------------------|--|---|
| Motor:                   | Totally enclosed, NEMA class H temperature rated motor   |   |
| Horsepower:              | 10 HP @ 1100 rpm   | 17.3 HP @ 1975 rpm                                |
| Batteries:               | Six 6 volt, heavy duty, 232 amp hour deep cycle  | Eight 6 volt, heavy duty, 232 amp hour deep cycle |
| Charger:                 | Built in, micro-processor control, fully sealed, anti-drive away interlock, 110-240 VAC, 50 / v60 HZ |   |
| Controller Type:         | Programmable, solid state, reduced speed reverse with diagnostic LED & calibrator interface          |   |
| Controller Rating:       | 400 amp  |   |
| Motor Braking Mode:      | Regenerative and pedal proportional braking with top speed limiting                                  |   |
| Directional Control:     | Dash-mounted safety directional keyswitch  |   |
| Drive Unit/Differential: | Direct drive, oil bath, helical gears, 16.77:1 final drive ratio                                     |   |

### Body

|                     |   |
|---------------------|---|
| Passenger Capacity: | Two   |
| Seating:            | Adjustable bucket seats with arm rests  |
| Body:               | Welded heavy duty, 12-gauge structural steel smooth plate body  |
| Lighting:           | Dual recessed head, Tail and brake lights   |
| Accessories:        | Battery discharge indicator, Horn, Reverse warning alarm, Driver seat power interlock switch<br>Composite deck board with High Density Polyethylene overlay |

### Chassis

|                              |  |
|------------------------------|--|
| Frame:                       | 10 Gauge Steel   |
| Steering:                    | Automotive steering wheel to heavy duty worm and roller gear |
| Brakes<br>Service & Parking: | Dual, rear hydraulic drum, hand operated parking brake       |
| Suspension:                  | Independent leaf springs                                     |
| Bumpers<br>Front & Rear:     | Integral to chassis/frame                                    |
| Tires:                       | 5.70" x 8", pneumatic, 8 ply rating, load range D            |

<sup>1</sup> Range will vary depending on temperature, grade, payload and driving style. | <sup>2</sup> Includes personnel, cargo, options and accessories.  
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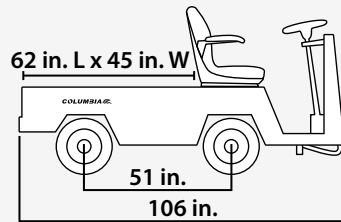
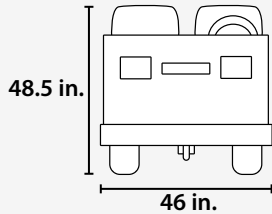
# SPECIFICATIONS & FEATURES



## PAYLOADER BC3-S



### Dimensions



Step Height  
16.5 in.  
Load Bed Height  
29 in.  
Ground Clearance  
4.5 in.

### Performance

#### Max Speed Forward

36 Volt - 10 MPH  
48 Volt - 13 MPH

#### Turning Radius

Curb to Curb - 243 in.  
Intersecting Aisle - 72 in.

#### Range<sup>1</sup>

36 Volt - Up to 20 miles  
48 Volt - Up to 25 miles

### Weight & Capacity

#### Vehicle Weight

36 Volt - 1,450 lbs.  
48 Volt - 1,600 lbs

#### Rated Capacity<sup>2</sup>

3,200 lbs.

#### Towing Capacity

10,000 lbs.

### Power Train

#### BC3-S 36 Volt

#### BC3-S 48 Volt

|                          |  |   |
|--------------------------|--|---|
| Motor:                   | Totally enclosed, NEMA class H temperature rated motor   |   |
| Horsepower:              | 10 HP @ 1100 rpm   | 17.3 HP @ 1975 rpm                                |
| Batteries:               | Six 6 volt, heavy duty, 232 amp hour deep cycle  | Eight 6 volt, heavy duty, 232 amp hour deep cycle |
| Charger:                 | Built in, micro-processor control, fully sealed, anti-drive away interlock, 110-240 VAC, 50 / v60 HZ |   |
| Controller Type:         | Programmable, solid state, reduced speed reverse with diagnostic LED & calibrator interface          |   |
| Controller Rating:       | 400 amp  |   |
| Motor Braking Mode:      | Regenerative and pedal proportional braking with top speed limiting                                  |   |
| Directional Control:     | Dash-mounted safety directional keyswitch  |   |
| Drive Unit/Differential: | Direct drive, oil bath, helical gears, 17.15:1 final drive ratio                                     |   |

### Body

|                     |   |
|---------------------|---|
| Passenger Capacity: | Two   |
| Seating:            | Adjustable bucket seats with arm rests  |
| Body:               | Welded heavy duty, 12-gauge structural steel smooth plate body  |
| Lighting:           | Dual recessed head, Tail and brake lights   |
| Accessories:        | Battery discharge indicator, Horn, Reverse warning alarm, Driver seat power interlock switch<br>Composite deck board with High Density Polyethylene overlay |

### Chassis

|                              |  |
|------------------------------|--|
| Frame:                       | 10 Gauge Steel   |
| Steering:                    | Automotive steering wheel to heavy duty worm and roller gear |
| Brakes<br>Service & Parking: | Dual, rear hydraulic drum, hand operated parking brake       |
| Suspension:                  | Independent leaf springs                                     |
| Bumpers<br>Front & Rear:     | Integral to chassis/frame                                    |
| Tires:                       | 5.70" x 8", pneumatic, 8 ply rating, load range D            |

<sup>1</sup> Range will vary depending on temperature, grade, payload and driving style. | <sup>2</sup> Includes personnel, cargo, options and accessories.  
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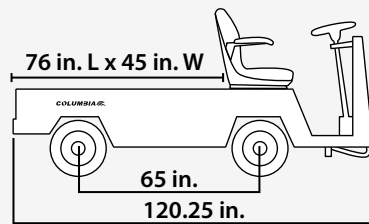
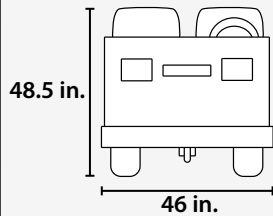
# SPECIFICATIONS & FEATURES



## PAYLOADER BC4-L



### Dimensions



Step Height  
16.5 in.  
Load Bed Height  
29 in.  
Ground Clearance  
4.5 in.

### Performance

#### Max Speed Forward

48 Volt - 12 MPH

#### Turning Radius

Curb to Curb - 264 in.  
Intersecting Aisle - 92 in.

#### Range<sup>1</sup>

48 Volt - Up to 30 miles

### Weight & Capacity

| Vehicle Weight      | Rated Capacity <sup>2</sup>    | Towing Capacity                  |
|---------------------|--------------------------------|----------------------------------|
| 48 Volt - 1,850 lbs | 4,200 lbs.<br>5,200 lbs. (BC5) | 10,000 lbs.<br>14,000 lbs. (BC5) |

### Power Train

#### BC4-L 48 Volt

|                          |  |
|--------------------------|--|
| Motor:                   | Totally enclosed, NEMA class H temperature rated motor   |
| Horsepower:              | 15.3 HP @ 1750 rpm   |
| Batteries:               | Eight 6 volt, heavy duty, 232 amp hour deep cycle  |
| Charger:                 | Built in, micro-processor control, fully sealed, anti-drive away interlock, 110-240 VAC, 50 / v60 HZ |
| Controller Type:         | Programmable, solid state, reduced speed reverse with diagnostic LED & calibrator interface          |
| Controller Rating:       | 400 amp  |
| Motor Braking Mode:      | Regenerative and pedal proportional braking with top speed limiting                                  |
| Directional Control:     | Dash-mounted safety directional keyswitch  |
| Drive Unit/Differential: | Chain drive, oil bath, helical gears, 12.52:1 final drive ratio                                      |

### Body

|                     |  |
|---------------------|--|
| Passenger Capacity: | Two  |
| Seating:            | Adjustable bucket seats with arm rests   |
| Body:               | Welded heavy duty, 12-gauge structural steel smooth plate body   |
| Lighting:           | Dual recessed head, Tail and brake lights  |
| Accessories:        | Battery discharge indicator, Horn, Reverse warning alarm, Driver seat power interlock switch<br>Diamond plate steel wrapped plywood deck board |

### Chassis

|                              |   |
|------------------------------|---|
| Frame:                       | 10 Gauge Steel  |
| Steering:                    | Automotive steering wheel to heavy duty worm and roller gear                    |
| Brakes<br>Service & Parking: | Four wheel, hydraulic brakes with 10" front rotors, hand operated parking brake |
| Suspension:                  | Independent leaf springs  |
| Bumpers<br>Front & Rear:     | Integral to chassis/frame   |
| Tires:                       | 5.0" x 8", pneumatic, 10 ply rating, load range E                               |

<sup>1</sup> Range will vary depending on temperature, grade, payload and driving style. | <sup>2</sup> Includes personnel, cargo, options and accessories.  
All specifications are subject to change without notice.