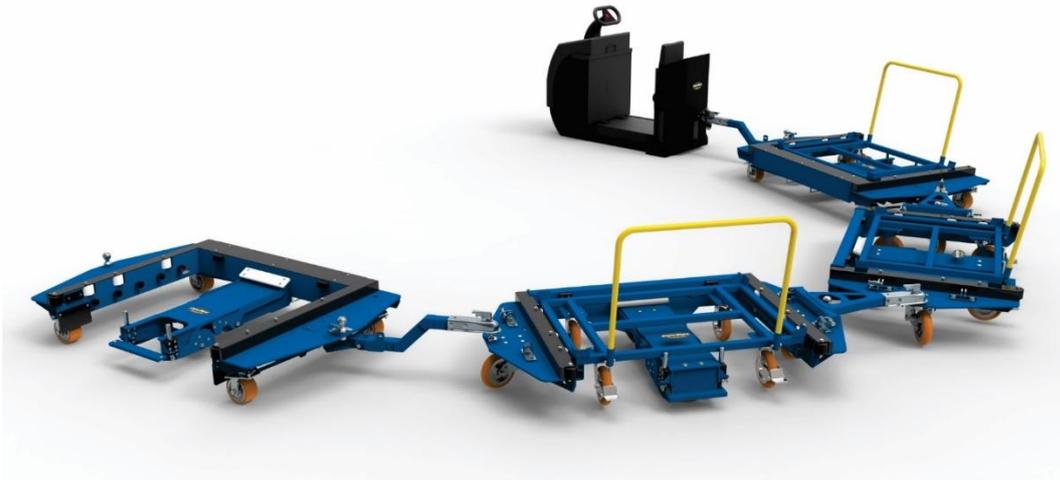


Lean CarryMore® E-frame System Center-steer



Product description

The CarryMore® E-frame system is made of two types of carts: the Mother and the Daughter unit. By using the CarryMore® solution you can increase significantly your productivity by reducing the need for multiple trips from a dock or warehouse to the line with materials.

The Daughter unit is released by simply pressing a foot pedal placed on the Mother unit.

The patented loading system lifts the Daughter units and their castors fully from the ground ensuring your employee safety, reducing castor wear & noise and saving you money and time.

Benefits

- Eliminate the need for forklifts and reduce the risk of accidents in manufacturing and assembly lines
- Lower maintenance costs
- Reduce overall operator costs
- Require only one operator making multiple deliveries on one route trip
- Enable to carry smaller and kitted loads in the same trains
- Faster delivery rates - takes seconds to unload

Mother unit



Daughter unit



Lean CarryMore® E-frame System Center-steer

CarryMore® Mother Unit 1000

- Platform size..... 1200 x 800 mm
 External dimensions 2549 x 1091 x 380 mm
 Tare weight 217 kg
- Steering system
- Center-steer: 2 fixed center and spring loaded swivel wheels at front and back
 - All wheels are high payload polyurethane wheels

Working load capacity

- At 8km/h..... 1000 kg
 At 11km/h..... 1000 kg
 At 16km/h..... 850 kg
- Surface treatment Powder coating

Train configuration

A CarryMore® train can include up to 5-6 units Mother Units.

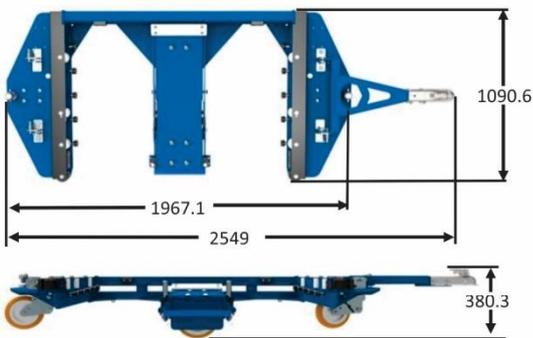
CarryMore® Daughter Unit

- Platform size..... 1200 x 800 mm
 External dimensions 1240 x 985 x 302 mm
 Height with the handle 1020 mm
 Tare weight 51 kg
- Wheel type 2 fixed & 2 swivel
 Wheel material Polyurethane
 Surface treatment Powder coating

CarryMore® Mother unit 1000 is designed to hold:

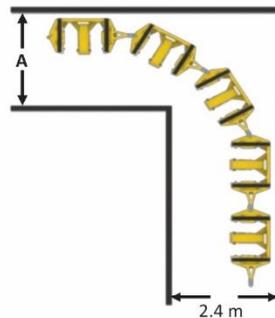
- One Daughter Unit 1200 x 800 mm
- or
- Customized carts measuring up to 1625 x 1270 mm

Technical Specification and Features



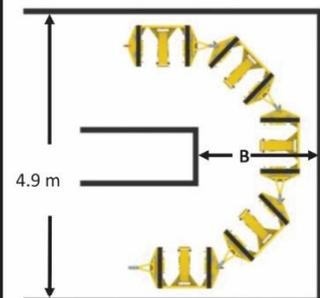
Part Number	10419	
Weight [Kg]	217	
Weigh Capacity [Kg]	8 KPH	1000
	11 KPH	1000
	16 KPH	850
Daughter Cart Base [mm]	Width	1225
	Depth	825
	Height	262
Largest Recommended Cart	1625mm W x 1270mm D	
Max Slope (% grade)	<1%	
Max Speed	16 KPH	
Max Speed in Turn	4 KPH	
Max Train Weight	4545 [Kg]	

90° Corner



Number of CarryMore® Tuggers					
1	2	3	4	5	6
Dimension "A" [m]*					
2.1	2.1	2.4	2.4	3.0	3.7

180° Corner

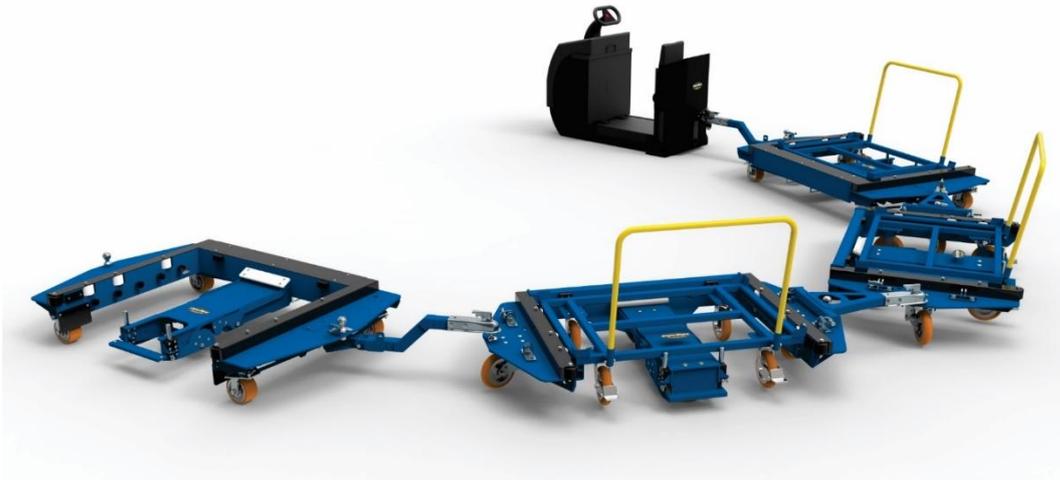


Number of CarryMore® Tuggers					
1	2	3	4	5	6
Dimension "B" [m]*					
2.7	2.7	3.4	4.0	4.6	4.9

Minimum Aisle Width for 180° turn with (6) Cart Tugger Train [m]*
5

*Tugger aisle width dimensions will vary based on driver technique and Tow Tractor type. Contact K.Hartwall for an evaluation of tugger cart requirements for any particular facility or aisle configuration.

Lean CarryMore® E-frame System Quad-steer



Product description

The CarryMore® E-frame system is made of two types of carts: the Mother and the Daughter unit. By using the CarryMore® solution you can increase significantly your productivity by reducing the need for multiple trips from a dock or warehouse to the line with materials.

The Daughter unit is released by simply pressing a foot pedal placed on the Mother unit.

The patented loading system lifts the Daughter units and their castors fully from the ground ensuring your employee safety, reducing castor wear & noise and saving you money and time.

Benefits

- Eliminate the need for forklifts and reduce the risk of accidents in manufacturing and assembly lines
- Lower maintenance costs
- Reduce overall operator costs
- Require only one operator making multiple deliveries on one route trip
- Enable to carry smaller and kitted loads in the same trains
- Faster delivery rates - takes seconds to unload



Lean CarryMore® E-frame System Quad-steer

CarryMore® Mother Unit 1500

Platform size..... 1200 x 800 mm

External dimensions 2866 x 1214 x 430 mm

Tare weight 231 kg

Steering system

- Quad-steer: 4 fixed wheels. The design is based on the Tight Turn technology™ for impressively tight and precise turn radius capability.
- All wheels are high payload polyurethane wheels

Working load capacity

At 8km/h..... 1500 kg

At 11km/h..... 1100 kg

At 16km/h..... 750 kg

Surface treatment Powder coating

Train configuration

A CarryMore® train can include up to 5-6 units Mother Units.

CarryMore® Daughter Unit

Platform size..... 1200 x 800 mm

External dimensions 1240 x 985 x 302 mm

Height with the handle 1020 mm

Tare weight 51 kg

Wheel type 4 fixed

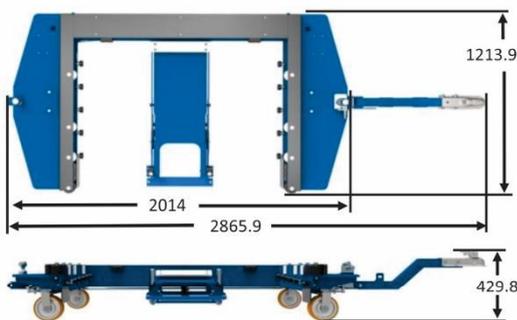
Wheel material Polyurethane

Surface treatment Powder coating

CarryMore® Mother unit 1000 is designed to hold:

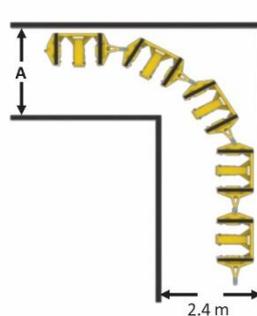
- One Daughter Unit 1200 x 800 mm or
- Customized carts measuring up to 1625 x 1270 mm

Technical Specification and Features



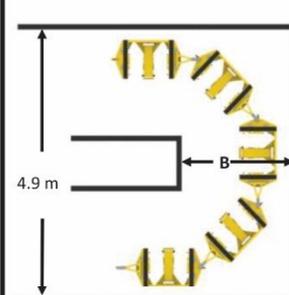
Part Number	10421	
Weight [Kg]	278	
Weigh Capacity [Kg]	8 KPH	1500
	11 KPH	1088
	16 KPH	750
Daughter Cart Base [mm]	Width	1225
	Depth	825
	Height	262
Largest Recommended Cart	1625mm W x 1270mm D	
Max Slope (% grade)	<9.5%	
Max Speed	16 KPH	
Max Speed in Turn	4 KPH	
Max Train Weight	4545 [Kg]	

90° Corner



Number of CarryMore® Tuggers					
1	2	3	4	5	6
Dimension "A" [m]*					
1.8	1.8	1.8	1.8	2.1	2.4

180° Corner



Number of CarryMore® Tuggers					
1	2	3	4	5	6
Dimension "B" [m]*					
1.5	1.8	1.8	2.4	2.4	3.0

Minimum Aisle Width for 180° turn with (6) Cart Tugger Train [m]*
4.4

*Tugger aisle width dimensions will vary based on driver technique and Tow Tractor type. Contact K. Hartwall for an evaluation of tugger cart requirements for any particular facility or aisle configuration.