

The 20' Carousel



Designed for use in limited spaces, The Chance Rides 20-foot carousel has a maximum 22-foot diameter and requires only 12 feet of vertical clearance to provide big entertainment in small spaces.

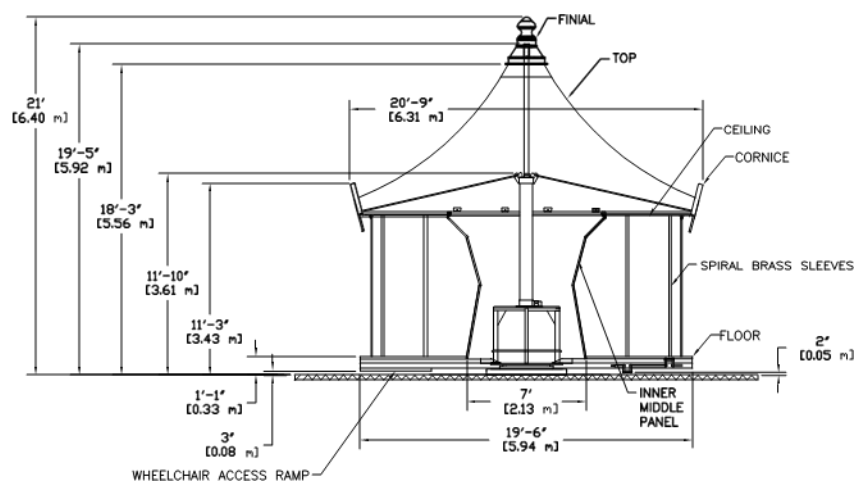
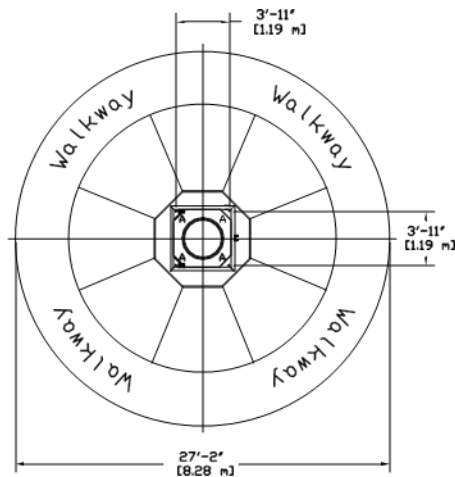


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The 20' Carousel



FEATURES

STANDARD FEATURES

- 14 Fantasy horses, 1 Fantasy chariot
- Fantasy Scenery
- Ribbon or Pie top
- Simulated wood, color coordinating non-slip or aluminum tread plate floors
- Spiral brass sleeves on horse poles and floor hanger rods
- Maintenance-free, greaseless Nylatron® bearings
- Electric, variable-speed drive
- Lap belts
- Operator pedestal

OPTIONAL FEATURES

- 16 Carousel figures with no chariot
- Hand-crafted Bradley & Kaye horses and wildlife figures by Chance Rides
- Lighted ribbon or Americana top
- Lighted finial or crown
- Polygon® permanent roof
- Wheelchair accessible chariot
- Beveled glass mirrors for scenery panels
- Online factory diagnostics package
- Remote Access
- Side walls
- Custom theming and figures

SPECIFICATIONS

SEATING

Number of seats.....	standard 14 horses (2 abreast) and 1 chariot
Maximum number of passengers per seat:	
Horses.....	1 adult or 1 child
Chariot.....	2 adults or 3 children
Average passenger weight per seat:	
Horses.....	170 lbs. (77 kg)
Chariot.....	340 lbs. (154 kg)
Maximum total number of passengers*.....	16 adults and 14 children
Maximum total passenger weight.....	3,980 lbs. (1,805 kg)
Minimum passenger height.....	42 in. (107 cm) (unaccompanied by adult)
Loading.....	all passengers simultaneously
Maximum unbalance.....	4 adults (680 lbs./308 kg)

PERFORMANCE

Direction of travel.....	counterclockwise
Max. Ride speed.....	6.5 rpm
Ride duration (maximum).....	2.5 min.
Ride duration (recommended).....	2 min.
Maximum wind speed (operating).....	35 mph
Maximum wind speed (static).....	60 mph

MAXIMUM RIDE WEIGHT (EMPTY)

With aluminum floors.....	15,600 lbs. (7,076 kg)
Drive.....	variable speed electric

POWER REQUIREMENTS**

Drive.....	5.5 kW
Lights.....	2.0 kW
Control Circuit.....	2.5 kW
Total.....	10.0 kW
Min./Max. voltage.....	208/230 volt, 3 phase, 60Hz

DRIVE**

Type.....	variable speed electric
Number of motors.....	1
Horsepower Rating.....	5

LIGHTING**

Type.....	LED lights
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* Maximum total number of passengers assumes one rider accompanied by one standing adult per horse plus the maximum per chariot.

** All rides can be electrically wired to operate on other specified voltage. The final contract is used to calculate the required amount of power.

Specifications are effective as of publication date. Because we strive to improve every Chance Rides product, these specifications are subject to change without notice. Dimensions are approximate. For actual dimensions and installation specifications, please refer to Chance Rides foundation drawings. This ride conforms to all applicable ASTM amusement ride standards in effect on the date of manufacture.

