

# Yo-Yo (Portable Model)



Like the fanciful flight of a whirlwind, the Yo-Yo spins riders through the sky, creating a delightful feeling of freedom. This fun ride dangles riders in 32 self-loading swings for high-flying action. Its high visibility entices both kids and adults.

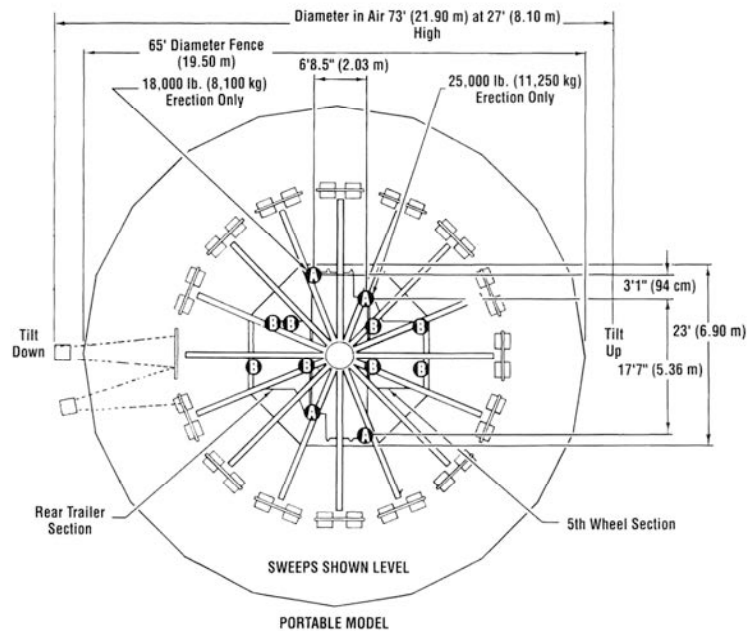


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## FEATURES

### STANDARD FEATURES

- High visibility draws riders of all ages
- Simultaneous loading of 32 passengers for increased hourly capacity

### OPTIONAL FEATURES

- LED lighting package, including tower, weep crown and sign lighting
- Catwalk
- Custom theming

## SPECIFICATIONS

### SEATING

Number of seats .....	32
Maximum number of passengers per seat .....	1
Average passenger weight per seat .....	170 lbs. (77 kg)
Maximum total number of passengers .....	32
Maximum total passenger weight ...	5,440 lbs. (2,448 kg)
Minimum passenger height .....	42 in. (107 cm)
Loading .....	all passengers simultaneously
Maximum unbalance .....	8 adults (1,360 lbs./617 kg)

### PERFORMANCE

Direction of travel .....	counterclockwise
Ride speed (maximum) .....	10 rpm
Ride duration (maximum) .....	2.5 min.
Ride duration (recommended) .....	2 min.
Maximum tilt angle .....	10°
Maximum wind speed (operating) .....	20 mph
Maximum wind speed (static) .....	80 mph

### MAXIMUM RIDE WEIGHT

Empty .....	43,000 lbs. (19,350 kg)
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### POWER REQUIREMENTS\*

Total .....	50 kW
Motor .....	30 kW
Lights .....	20 kW
Min/Max line voltage ...	208/230 volt wye, 3 phase, 60 Hz

### DRIVE\*

Type .....	electric-hydraulic
Motor Type .....	220/440 volt, 3 phase, 60 Hz
Number of motors .....	1
Horsepower rating .....	40

### LIGHTING\*

Type .....	110 volt programmable incandescent
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### STANDARD LEAD-IN CABLE

Size .....	3/0 gauge
Length .....	150 ft. (45 m)

### TRAILERING (Meets FMVSS and DOT Standards)

Height .....	13 ft., 6 in. (4.11 m)
Width .....	8 ft. (2.4 m)
Length .....	40 ft., 6 in. (12.3 m)
Total weight .....	43,000 lbs. (19,350 kg)
Rear axle weight .....	19,000 lbs. (8,550 kg)
Kingpin weight .....	24,000 lbs. (10,800 kg)
Tire size .....	10.00 x 20 (12-ply)
Suspension type .....	air ride

### LEVELING JACKS

Type .....	electro-hydraulic
Power requirement .....	208/230 volt, 3 phase

\*All rides can be electrically wired to operate on other specified voltage.

Specifications are effective as of publication date. Because we try to improve every Chance Rides product, these specifications are subject to change without notice. Dimensions given 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.

