FAMILY RIDES

Technical specification of:

Crazy Bus

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Description

The “CRAZY BUS” has a dimension of 6,5mt (10mt during operation) by 4,3mt and requires a vertical clearance of at least 9 mt.

The main structure has the following components:

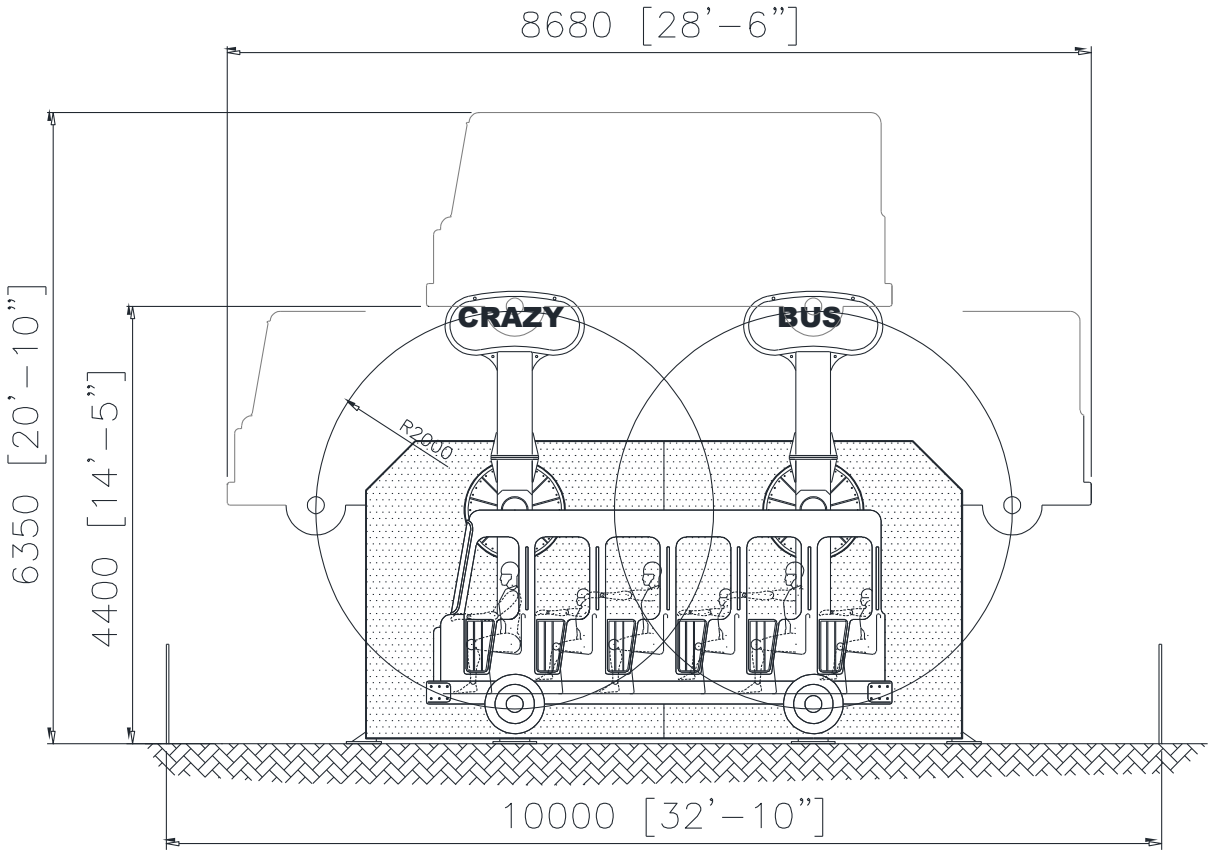
A fixed base anchored to the ground which is bolted the upper structure where are fixed the ride major mechanic component. A motor 58 Kw of power is coupled with a two ways angular transmission unit , the two ways of its are connected by cardan shafts to the gearboxes fitted on the back of the two main arms.

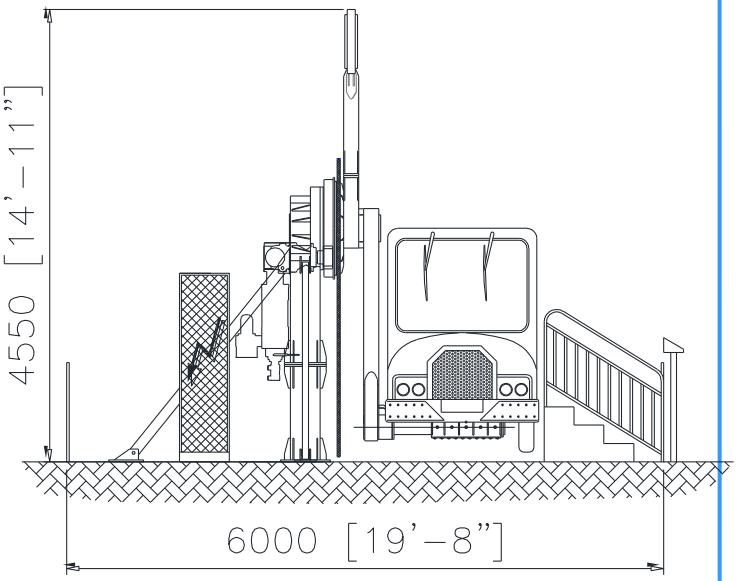
The passengers unit is moved thanks the two swinging arms, hinged at one end to the unit (vehicles) and on the other hand with a counterweight.

The passengers unit (bus) has the main frame where are fitted the passengers seating equipped with safety bars.

Crazy Bus

Technical Data





this design is an example

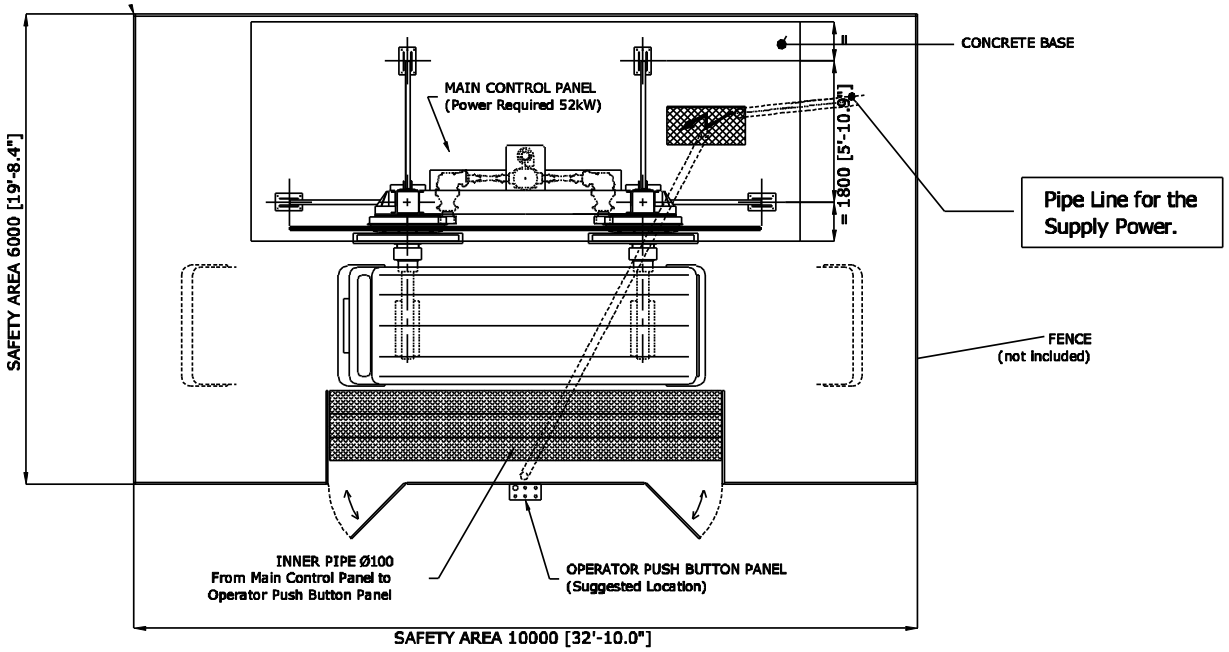
TECHNICAL DATA	
Weight	8840 Kg / 86.69 kN – 10340 Kg / 104.4 kN (full load)
Total capacity	24 seats
Hourly capacity	360 - 480 passengers
Revolving Speed	11 RPM (maximum)
Cycle Direction	Clockwise / Anticlockwise
Boarding	Simultaneous
Shipping volume	1x40' ot

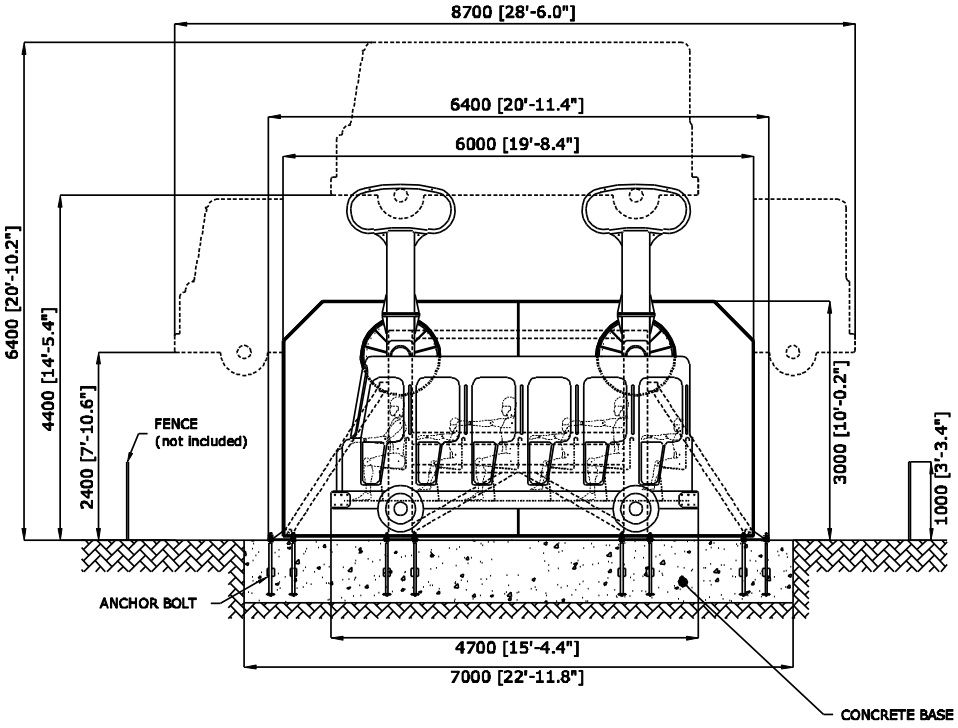
ELECTRICAL DATA	
Voltage	3phase + neutral + earth (230/400/415 V)
Frequency	50/60 Hz
Motive power	58 kW
Lighting	1 kW
Control	Automatic/Manual

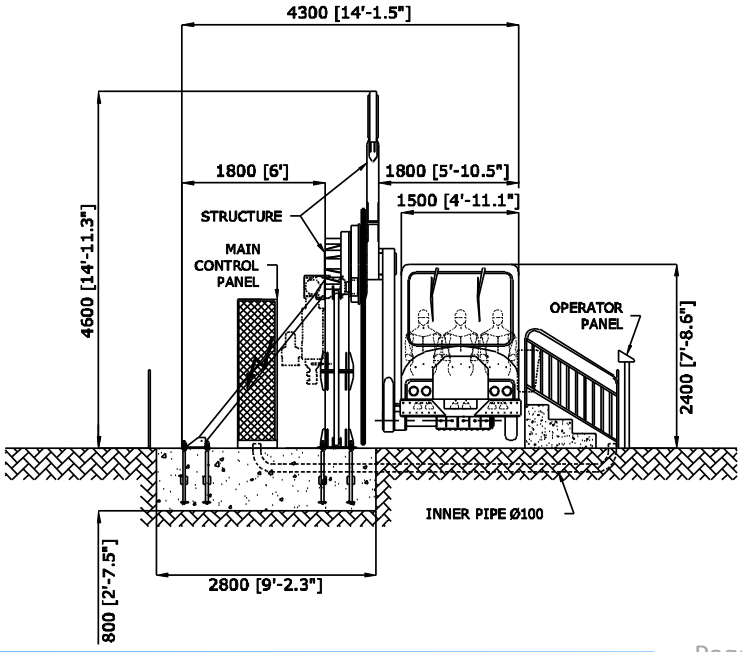
Passengers age/height restrictions: Minimum admissible age 4 years old and height 105 cm - Accompanied

Crazy Bus

Foundation

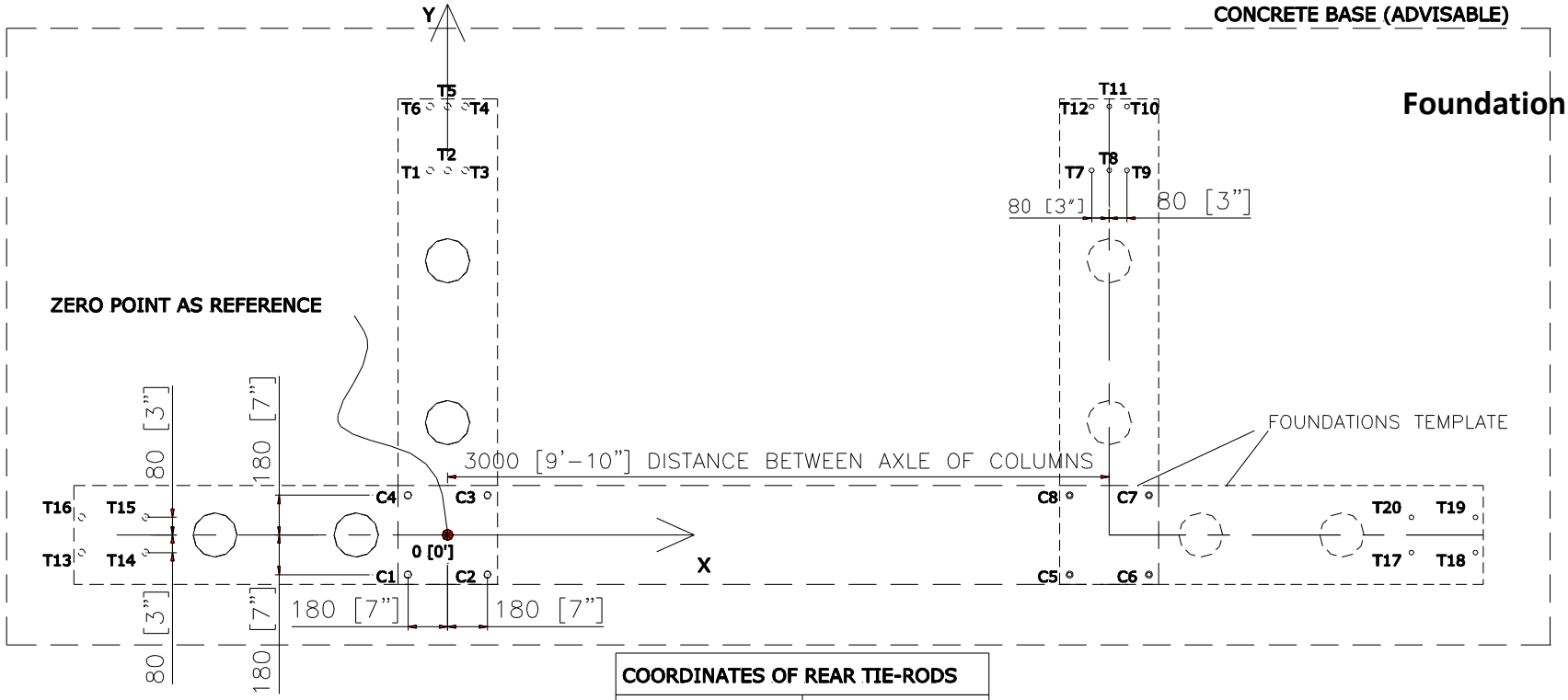






Crazy Bus

Foundation (Loads and Ground)



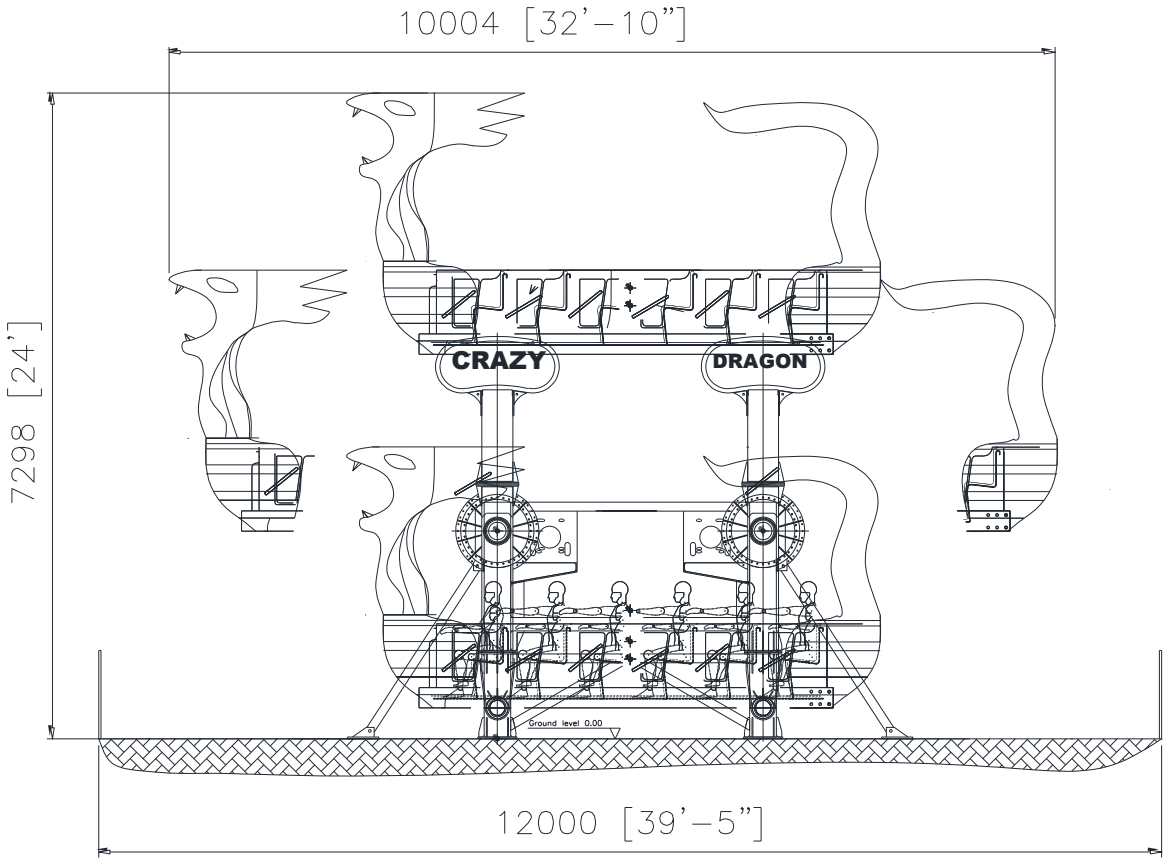
	COORDINATES OF COLUMNS	
	X	Y
C1	-180 [7']	-180 [7']
C2	+180 [7']	-180 [7']
C3	+180 [7']	+180 [7']
C4	-180 [7']	+180 [7']
C5	+2820 [9'-3"]	-180 [7']
C6	+3180 [10'-5"]	-180 [7']
C7	+3180 [10'-5"]	+180 [7']
C8	+2820 [9'-3"]	+180 [7']

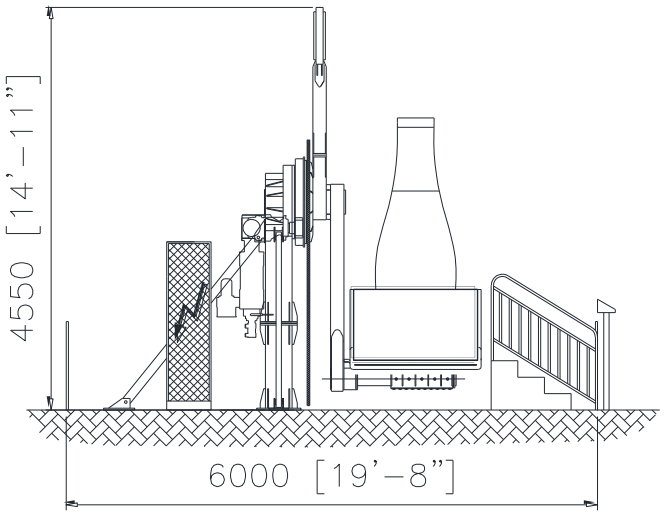
	COORDINATES OF REAR TIE-RODS	
	X	Y
T1	-80 [3']	+1655 [5'-5"]
T2	0 [0']	+1655 [5'-5"]
T3	+80 [3']	+1655 [5'-5"]
T4	+80 [3']	+1945 [6'-5"]
T5	0 [0']	+1945 [6'-5"]
T6	-80 [3']	+1945 [6'-5"]
T7	+2920 [9'-7"]	+1655 [5'-5"]
T8	+3000 [9'-10"]	+1655 [5'-5"]
T9	+3080 [10'-1"]	+1655 [5'-5"]
T10	+3080 [10'-1"]	+1945 [6'-5"]
T11	+3000 [9'-10"]	+1945 [6'-5"]
T12	+2920 [9'-7"]	+1945 [6'-5"]

	COORDINATES OF SIDE TIE-RODS	
	X	Y
T13	-1660 [5'-5"]	-80 [3']
T14	-1370 [4'-6"]	-80 [3']
T15	-1370 [4'-6"]	+80 [3']
T16	-1660 [5'-5"]	+80 [3']
T17	+4370 [14'-4"]	-80 [3']
T18	+4660 [15'-4"]	-80 [3']
T19	+4660 [15'-4"]	+80 [3']
T20	+4370 [14'-4"]	+80 [3']

Crazy Dragon

Technical Data





this design is an example

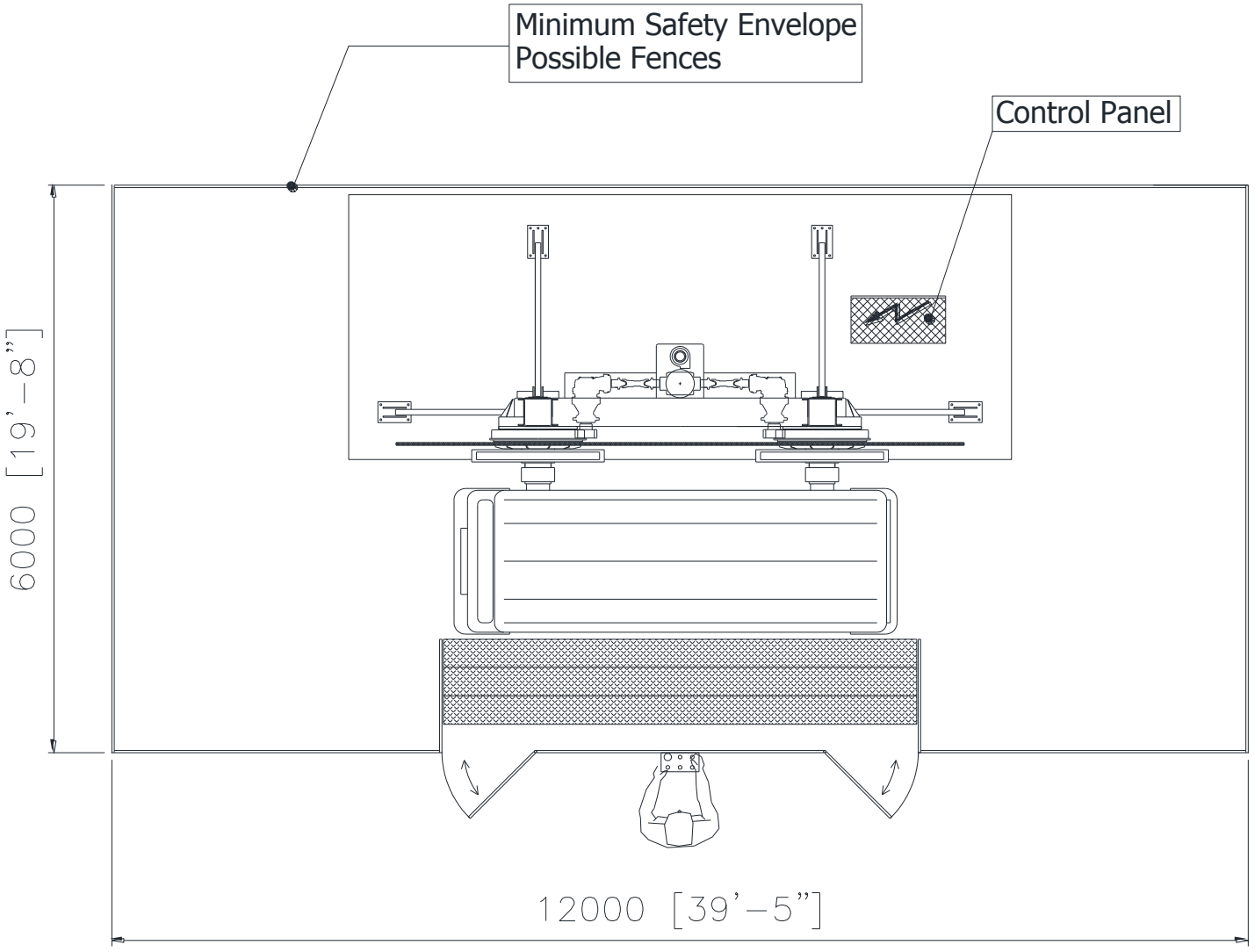
TECHNICAL DATA	
Weight	8840 Kg / 86.69 kN – 10340 Kg / 104.4 kN (full load)
Total capacity	18 seats (adult) – 24 seats (children)
Hourly capacity	360 - 480 passengers
Revolving Speed	11 RPM (maximum)
Cycle Direction	Clockwise / Anticlockwise
Boarding	Simultaneous
Shipping volume	1x40' ot

ELECTRICAL DATA	
Voltage	3phase + neutral + earth (230/400/415 V)
Frequency	50/60 Hz
Motive power	58 kW
Lighting	Upon request
Control	Automatic/Manual

Passengers age/height restrictions: Minimum admissible age 4 years old and height 105 cm - Accompanied

Crazy Dragon

Safety Envelope



Photos

Crazy Bus

Photos

Bus Safari

Crazy Dragon