

G.S Engineering Limited

RISK ASSESSMENT

DESCRIPTION:

A single passenger mobile Rodeo Bull multi ride.

CONSTRUCTION:

Base unit:

An electro mechanical motion system offering both lateral, pitch, and roll, plus a 360 degree rotation.

The ride motion is controlled by a PLC via inverters, all housed in a robust GRP (Glass Re-inforced plastic) operator console.

Control Console:

Conforms to all aspects of EN60-204 Electrical Equipment of Machines and IEE Wiring Regulations 16th Edition BS.7671.

The control console has a Mains Isolator Switch and an Emergency Stop button, with a key lock facility, and has internal RCD trips fitted.

RIDE ATTACHMENTS:

All sub frames are constructed from 25mm box section, which are completely covered by a shell constructed from GRP.

INFLATABLE AIR BED:

The inflatable air bed is manufactured from a Flame Retardant PVC that is tested to BS.5438 test 2a 1989, and is inflated constantly using a 0.75kw centrifugal fan.

OPERATION:

Manual & Automatic control consoles:

Using the joystick you can select any of the 8 position ride functions, and at the same time you can control the speed of the 'Spin' & 'Buck' with the individual speed dials.

The ride will only activate with the Joystick and Speed dial is activated, and the ride will stop when the joystick is released.

To start the ride, activate the joystick, gradually increasing the 'Spin' & 'Buck' speed controls according to the ability of the rider.

Automatic control consoles:

Using either of the 3 pre-set programs, each of which are set at different skill levels.

The ride will only activate when the operator presses either one of the green pre-set program buttons.

To stop the ride the operator must press the red stop button beneath the pre-set buttons.

Digital Timer:

The digital timer will only activate when the ride starts, and will automatically stop when either the joystick is released, or the red stop button beneath the pre-set programs is pressed.

RISKS:

Stopping the ride immediately to avoid injury.

The operator must watch the rider continuously for the duration of the ride.

SAFETY OF RIDERS & SPECTATORS:

Do not allow more than one person onto the multi ride at the same time.

Do not allow riders to hold onto the rubber horns.

Always ensure that the rider is sitting in the correct riding position.

Always ensure that the rider wears a protective glove.

Ensure the riders remove shoes.

Riders with long hair must have it securely tied back throughout the ride.

Ensure that the rider removes any sharp objects such as keys, jewellery, and spectacles before riding the multi ride.

Spectators should not be allowed to sit/stand in the inflatable during use.

The inflatable should not be used for any other activity such as a Bouncy Castle.

Do not allow any person onto the simulator who is or appears to be under the influence of alcohol, or narcotics.

Do not allow any person onto the simulator with food and drink.

Do not allow any person onto the simulator who is or maybe pregnant, suffering from a medical problem such as a heart condition, or epilepsy.

Do not allow any stand up attachments such as a Surf or Snowboard to be used on an inflatable that measures less than 5.5 metres dia.

Do not allow Surfboards or Snowboards to be used with the spin switched to the ON position.

Do not allow any one person onto the multi ride who is less than 1.2 metres high.