

- A PUBLICATION OF SINORIDES

A DEFINITE GUIDE TO

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# AMUSEMENT RIDES MANUFACTURING PROCESS

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THE STEP-BY-STEP GUIDE AND HELP YOU LEARN IT

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# STEP ONE



# Choose Right Materials



# Choose Right Materials

Any production process begins by right raw materials.

Remember, it is the raw materials that determine the cost of amusement park rides.

For a fact, companies that acquire raw materials at a cheaper price will sell their carnival amusement rides at a relatively affordable price.

## Key materials:

- Fiber Reinforced Plastic
- Steel



## STEP TWO



# Design and Technical Drawing



# Design and Technical Drawing

This is the only way amusement rides will be considered safe for use

Designing is a critical stage in the amusement park rides manufacturing process.

Ideally, it involves putting all ideas together with an aim of having a complete product – amusement park rides.

In most cases, you will have three level designs of a amusement park rides:

- **Schematic drawing**
- **Design development**
- **Construction plan**

## STEP THREE



Fabricate Components  
According to Design



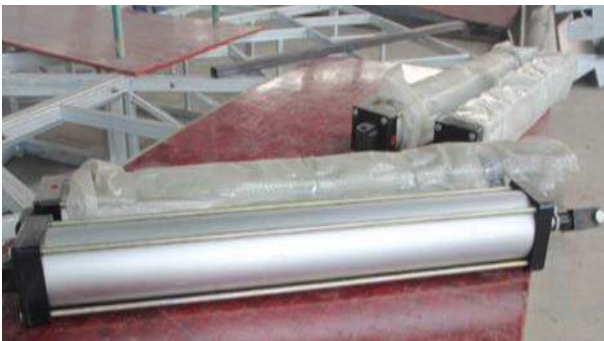
# Fabricate Components

Components makes amusement rides work

Components fabrication and sort out will depend on the technical drawings you had in step #2.

Key Components:

- Electric motor
- Valves
- Hydraulic parts



## STEP FOUR



Under Production





# Under Production

## Production process of amusement rides



There are 3 main operations you need to consider at this stage.

These include:

- Fiberglass Manufacturing
- Steel Structure Manufacturing
- Assembling

## STEP FIVE



# Tests and Quality Validation





# Tests and Quality Validation

every amusement rides should have test processing

At this point, you should have your amusement park rides ready.

However, before packing the amusement rides, testing and quality validation is an important process in amusement rides manufacturing process.

Remember, every amusement rides should have test processing for

- **Empty loading**
- **Balance-loading**
- **Full-loading**

## STEP SIX



# Packing for Shipment





# Packing for Shipment

You need to pack every component in the shipping box

This is the last stage of amusement rides manufacturing process.

You need to pack every component in the shipping box.

More importantly, mark side that should face up plus all the necessary instructions.

Well, the process may seem simple, however, if you don't have the right knowledge and expertise, it could be a nightmare.