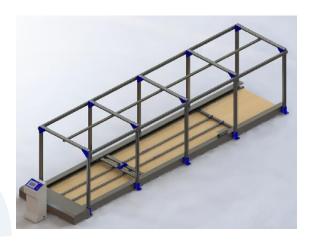


Motor Horizontal Brake Performance Tester

Product Presentation



Application

This machine is mainly used to test the motor brake performance of electric ride-on toys.

Principle: Load the toy a suitable static strength load. Measuring the force required to pull the toy on a horizontal plane covered with a surface of abrasive paper (aluminium oxide P60) at a constant speed of (2 ± 0.2) m/s. The motor shall be considered to supply sufficient braking if:

FT1
$$\geq$$
 (M + 25) x 1.7 or FT2 \geq (M + 50) x 1.7

where

FT1 is the maximum pull force in Newtons for a toy intended for children under 36 months;

FT2 is the maximum pull force in Newtons for a toy intended for children of 36 months and over;

M is the mass of the toy in kilograms.

Standards

EN71-1 section 8.26.1.3

Specification

Model	GT-M31
Control system	PLC touch screen control
Load sensor	200kg
Conveyor belt Speed	2 ± 0.2 m/s
Horizontal plane	Covered with Aluminium oxide P60
Dimensions	5500 x 1480 x 1750mm
Weight	900kg

Accessories

Ontional accessories	atic strength test load
Optional accessories Optional GT-MA22 Loc	ad gantry crane

