

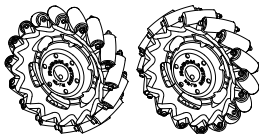
RoboMaster

Mecanum Wheel

User Guide

使用说明

v1.0 2019.11



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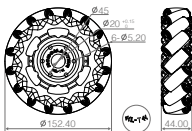
These documents are included in the product package and are also available online on the DJI product page at www.robomaster.com.

Introduction

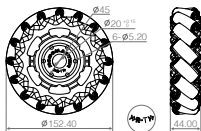
The RoboMaster Mecanum Wheels are a commonly used robotic omnidirectional chassis moving solution, which are divided into two types: left-threaded and right-threaded.

Overview

Left-Threaded Mecanum Wheel

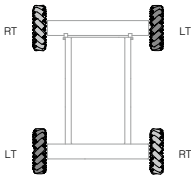


Right-Threaded Mecanum Wheel



Mounting and Usage

The four wheel chassis requires two left-threaded and two right-threaded Mecanum wheels. To install a Mecanum wheel, check the mark on the wheel to see if it is left-threaded or right-threaded, and install the Mecanum wheel to the corresponding side.



- Replace any Mecanum Wheel Roller if they are badly damaged.
- Visit <https://www.robomaster.com/en-US/products/components/competition> for 3D model drawings of the Mecanum wheel in STEP format.

Specifications

Wheel diameter: 152.4 mm (6 in)

Wheel width: 44 mm

Weight: 660 g

Soft Rubber Material: TPU

Single Wheel Bearing: 20 kg

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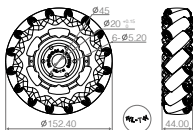
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简介

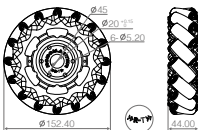
RoboMaster 麦克纳姆轮是为智能全向底盘而设计的全向轮，用于全向移动的应用场景。分左旋麦克纳姆轮和右旋麦克纳姆轮。

部件说明

RoboMaster 左旋麦克纳姆轮

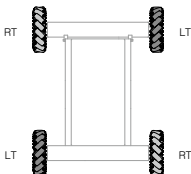


RoboMaster 右旋麦克纳姆轮



安装与使用

麦克纳姆轮分为左旋和右旋两种，四轮底盘需成对使用。安装的时候，可以在麦轮上查看左旋或右旋标记，再根据下图安装到您的机器人上。



- 麦轮辍子磨损严重后，可自行更换麦轮辍子。
- 访问 <https://www.robomaster.com/zh-CN/products/components/competition>，获取 3D 图纸 (.step) 模型。

规格参数

轮径: 152.4 mm (6 英寸)

轮宽: 44 mm

重量: 660 g

软胶材质: TPU

单轮承重: 20 kg

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