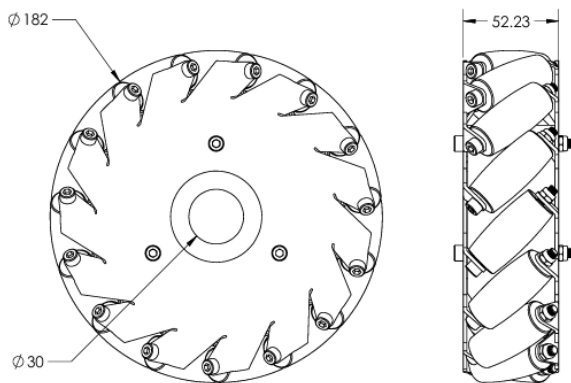


P/N: MC-182R



Overall Dimensions



Specification

Outer Diameter	: 182 mm
Width	: 52 mm
Chassis Material	: Galvanized Steel-[S235JR]
Overall Weight	: 1300 grams/each
Number Of Rollers	: 15/wheel
Roller Material	: Rubber TPU – 95A
Safe Working Load	: 60 Kg.f
Hub Diameter	: 30 mm
Coupler Material	: N/A
Motor Shaft Size	: N/A

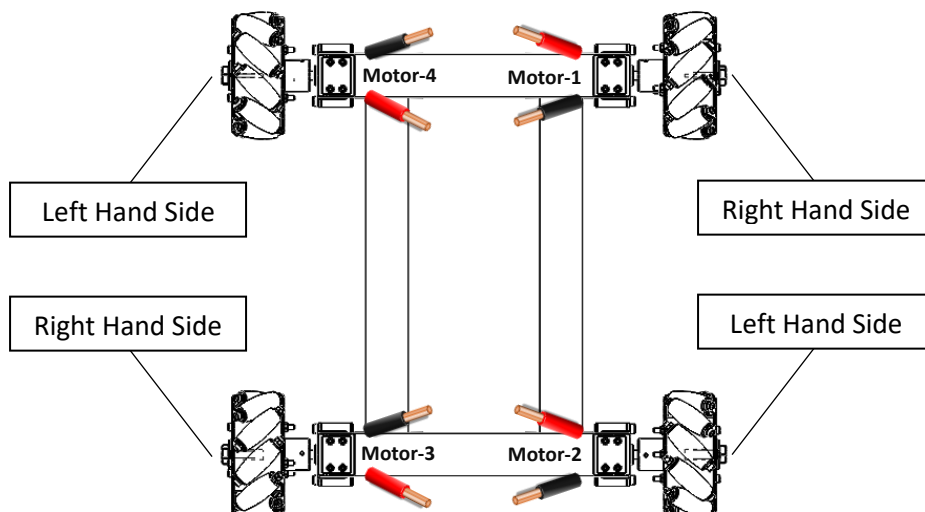
Mecanum Wheel Classification

Right Hand Side

Left Hand Side



Mecanum Wheel Installation



Standard Movement

- Forward
- Backward
- Rotate Right
- Rotate Left
- Diagonal Right Up
- Diagonal Left Up
- Diagonal Right Down
- Diagonal Left Down
- Side Right
- Side Left

Control the Mecanum Wheel Robot 4WD with Standard Movements

	Motor-1		Motor-2		Motor-3		Motor-4	
	RED Wire	BLACK Wire	RED Wire	BLACK Wire	RED Wire	BLACK Wire	RED Wire	BLACK Wire
Forward	1	0	1	0	0	1	0	1
Backward	0	1	0	1	1	0	1	0
Rotate Right	0	1	0	1	0	1	0	1
Rotate Left	1	0	1	0	1	0	1	0
Diagonal Right Forward	0	0	1	0	0	0	0	1
Diagonal Left Forward	1	0	0	0	0	1	0	0
Diagonal Right Backward	0	1	0	0	1	0	0	0
Diagonal Left Backward	0	0	0	1	0	0	1	0
Side Right	0	1	1	0	1	0	0	1
Side Left	1	0	0	1	0	1	1	0

****** Use this table for the DC motors power signals in order to control the direction of each motor.

****** Speed control system gives you more ability of movements with Mecanum Wheels.