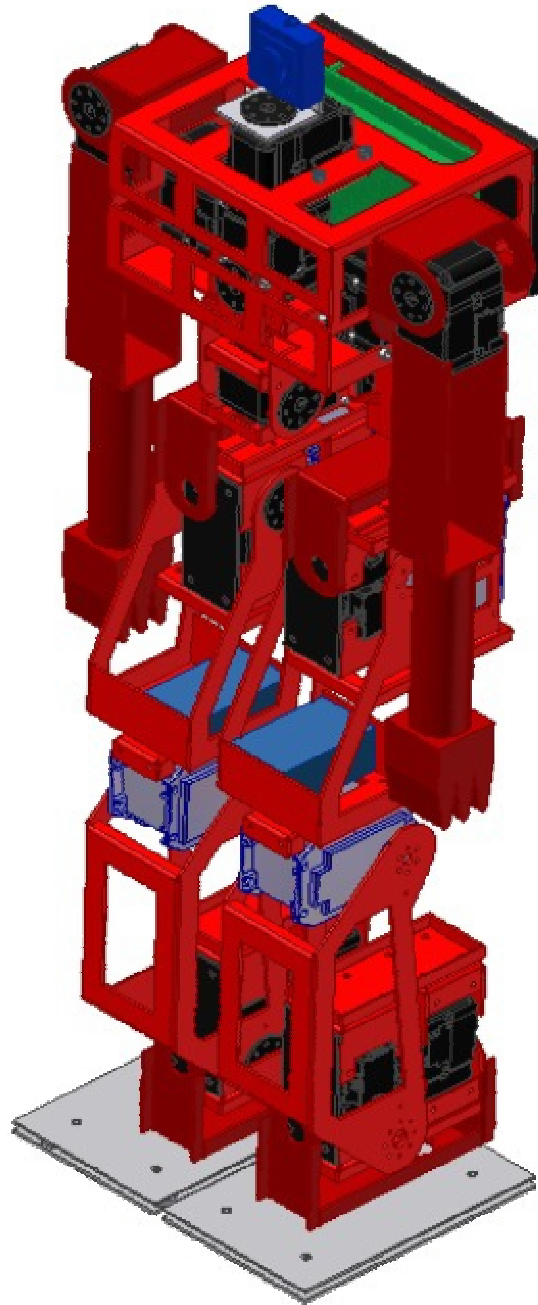


# Qualification

- 1 Image of the robot



2 Name of robot  
----- Caro (Field player) , Carino (GK)

3 Height  
----- 530mm

4 Weight  
----- 3.2kg

5 Walking speed  
----- 30cm/s

6 Number of degrees of freedom  
----- 19degrees of freedom

7 Actuators used

《 BestTechnology 》

Dynamixel DX117×15

Voltage 12~16V

Torque 28~37kg · cm

Speeds 0.167~0.126 sec/60deg

Weight 66g

Dynamixel RX-64 ×4

Voltage 15~18V

Torque 64~76kg · cm

Speeds 0.187~0.156 sec/60deg

Weight 120g

8 Sensors used

• 《 Nitta 》

FlexiForce ----- FSR 110N

• 《 muRata 》 ----- gyroscope

• 《 Analog Devices 》 ----- accelerometer

• Camera-----CMOS camera module

vga

30fps

9 Processing boards used

• 《 Brains 》

mmeye ----- PowerPC

400MHz