

Plymouth Humanoids Robot Specification RoboCup 2012

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Fig. 1. The Plymouth Humanoids robot

Fig.1 shows the latest Plymouth Humanoid robot design with the following specification.

Plymouth Humanoid Specification

- Height: 40.5cm
- Weight: 2.6Kg
- Walking speed: 15 cm/sec
- Number of DOF: 20
- Servos body: Robotis Dynamixel RX-28
- Servos Head: Robotis Dynamixel AX-12
- Camera: Sweex USB HD webcam
- Stabilisation: 6 axis IMU
- Processor: Trimslice-H
- Real time microcontroller: Plymouth Humanoids Tartarus board, ATXMega.