

Tsinghua Hephaestus 2016 AdultSize Team Specification

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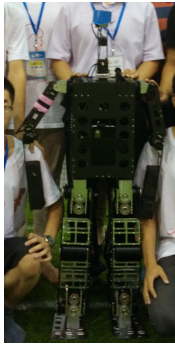


Fig. 1. Strider Pro robot

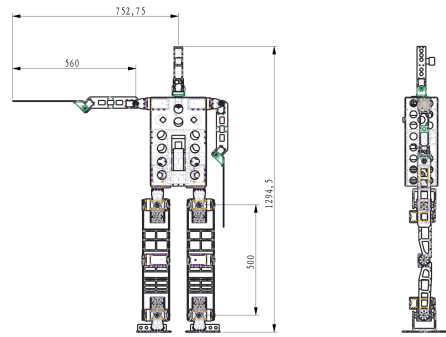


Fig. 2. Robot Dimension

- **Robot name** : Strider PRO
- **Height of the robot** : 1300 mm
- **Weight of the robot** : 32 kg
- **Walking Speed**: 0.60 m/s
- **Number of degrees of freedom** : 18
- **Type of motors** : Robotis Dynamixel Pro H54-100-S500-R (Leg)/ Robotis MX106 (Arm)
- **Camera** : PointGrey USB Camera
- **Gyrometer** : Mti-28A83G25 XSENS
- **Computing unit** : Intel-NUC / NI SingleBoardRIO-9606