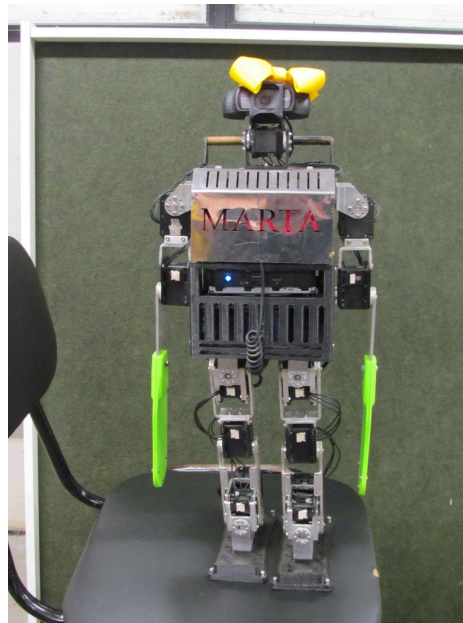


PMeq Humanoid – Robot Specification for RoboCup 2025

Marta



Name	Marta	
Height	55.86cm	
Weight	3.500Kg	
Walking Speed	1cm/s	
Degrees of Freedom	Head	2
	Arms	6 (3 per arm)
	Legs	12 (6 per leg)
Servo Motors	Dynamixel MX-28AT (Used in all kinematic chains)	
Sensors	Logitech C920 HD PRO (Camera)	
	IMU BNO 080	
Computing Unit	Intel NUC10i7FNH	
Materials	Body: Aluminium	
	Hands, Feets and camera support: 3D printed with pLA	
Electronics	Subcontroller made by the team (with a microcontroller Teensy 4.0). Step Up (used between the battery and the NUC)	
Battery	Li-Po 4s 5200mAh 50C LB5200LP4 XT60	
System	Linux Ubuntu 20.04	

