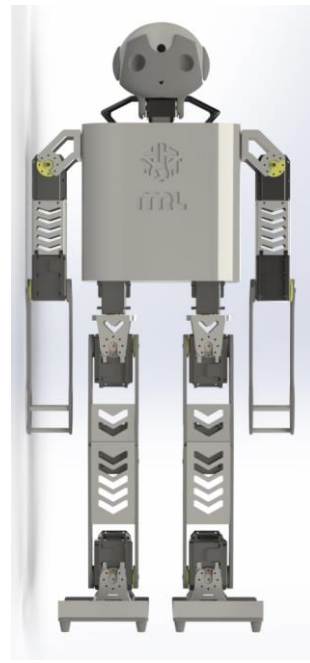




MRL-HSL

MRL Humanoid Kid Size Robots Specification 2023



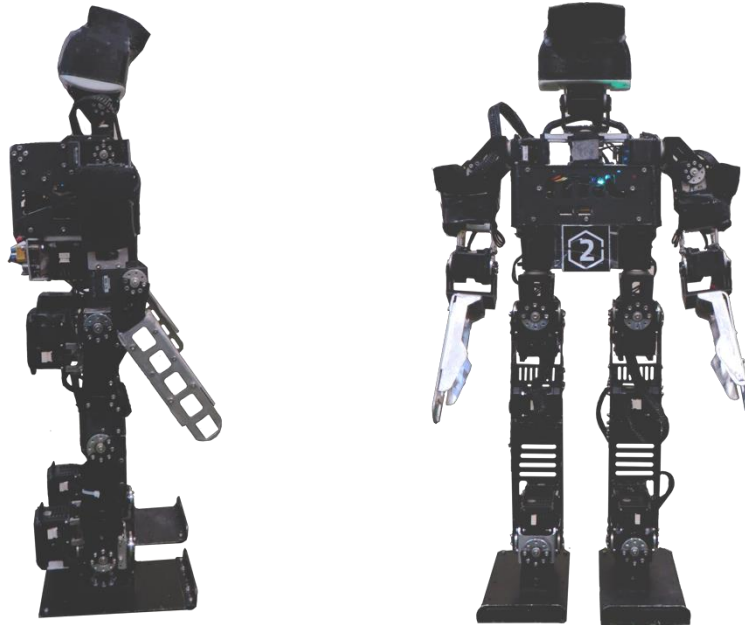
Specification of Kian Robot.

Height	73 CM
Weight	6 KG
Walking Speed	26 CM/S
Degrees Of Freedom	20 In Total
Servo Motors	12 Dynamixel MX-106 (6 per leg) 8 Dynamixel MX-64 (3 per arm, 2 in head)
Sensors	Accelerometer Gyroscope PS3 - Eye Camera
Embedded PC Board	Sub Controller: Self-constructed controller Main Controller: Intel NUC 6i3SYH



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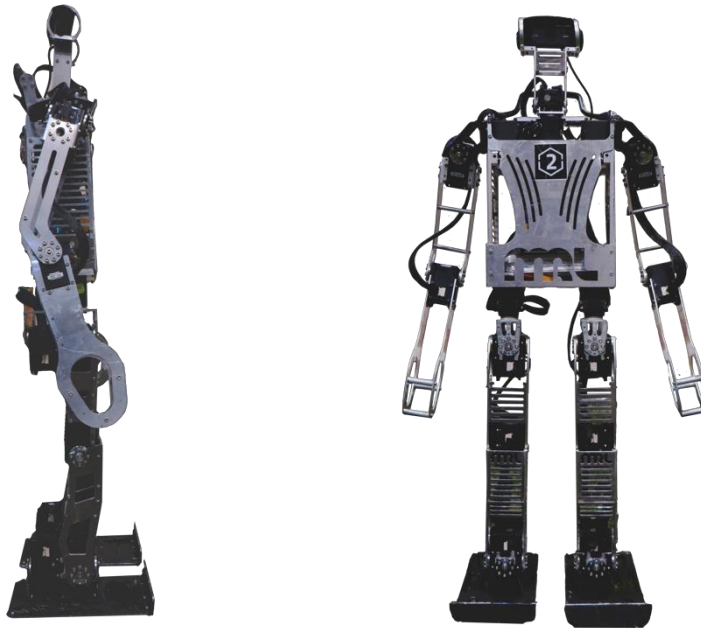
Specification of Ashkan Robot.

Height	58 CM
Weight	4.4 KG
Walking Speed	28 CM/S
Degrees Of Freedom	20 In Total
Servo Motors	12 Dynamixel MX-64 (6 per leg) 8 Dynamixel MX-28 (3 per arm, 2 in head)
Sensors	Accelerometer Gyroscope Logitech C920 camera
Embedded PC Board	Sub Controller: Self-constructed controller Main Controller: Intel NUC 6i3SYH



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Specification of Amir Robot.

Height	83 CM
Weight	6.6 KG
Walking Speed	26 CM/S
Degrees Of Freedom	20 In Total
Servo Motors	12 Dynamixel MX-106 (6 per leg) 6 Dynamixel MX-64 (3 per arm) 2 Dynamixel MX-28 (1 in neck, 1 in head)
Sensors	Accelerometer Gyroscope Logitech C920 camera
Embedded PC Board	Sub Controller: Self-constructed controller Main Controller: Intel NUC 6i3SYH