

Falconbots Robot Specifications

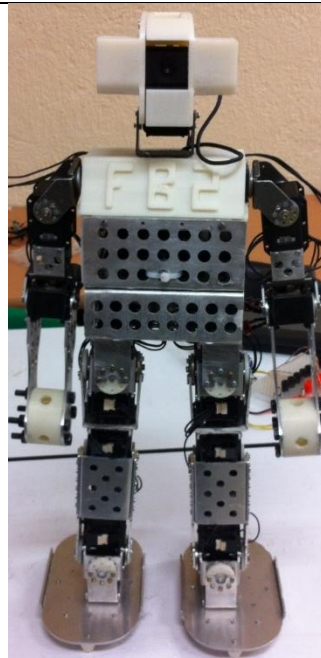
RoboCup 2017 Kid Size

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Falconbot TWO

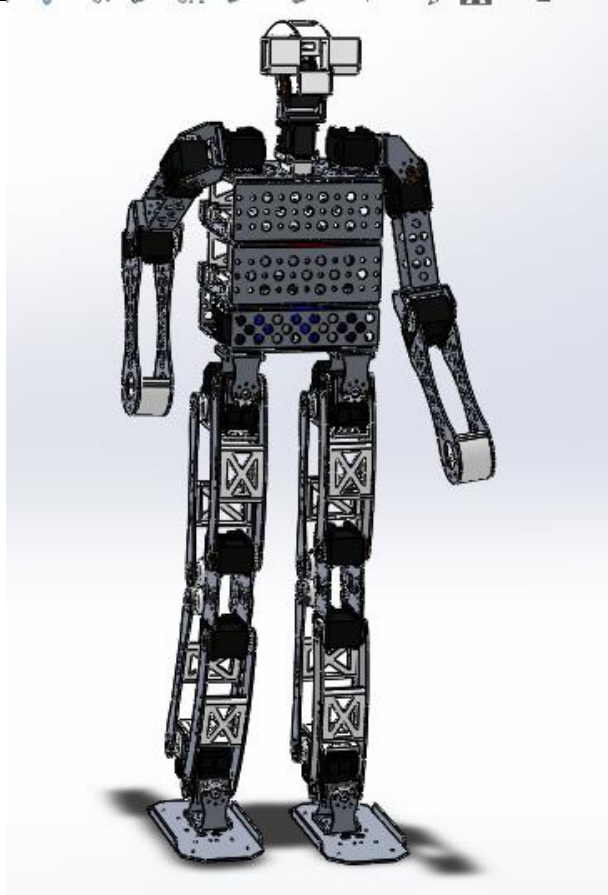
Height	55cm	
Weight	3.2 kg	
Walking Speed	32 cm/s	
DOF per LEG	6	Dynamixel MX106, Dynamixel MX64 and Dynamixel MX28
DOF per ARM	3	Dynamixel MX28
Neck	2	Dynamixel MX28
Sensor	IMU 9DOF	Accel, Gyro and Compass
Computer Unit	Main Controller	Intel NUC, core i5 8GB RAM
Computer Unit	Sub Controller	ARM CortexSTM32F4 Discovery



1.- Develop by ITSSMT PROMETEC

Falconbot Heavy

Height	80 cm	
Weight	4.2 kg	
Walking Speed	20 cm/s	
DOF per LEG	6	Dynamixel MX106, Dynamixel MX64 and Dynamixel MX28
DOF per ARM	3	Dynamixel MX28
Neck	2	Dynamixel MX28
Sensor	IMU 9DOF	Accel, Gyro and Compass
Computer Unit	Main Controller	Intel NUC, core i5 8GB RAM
Computer Unit	Sub Controller	MicroChip PIC 18F2550



2.- Develop by ITSSMT PROMETEC