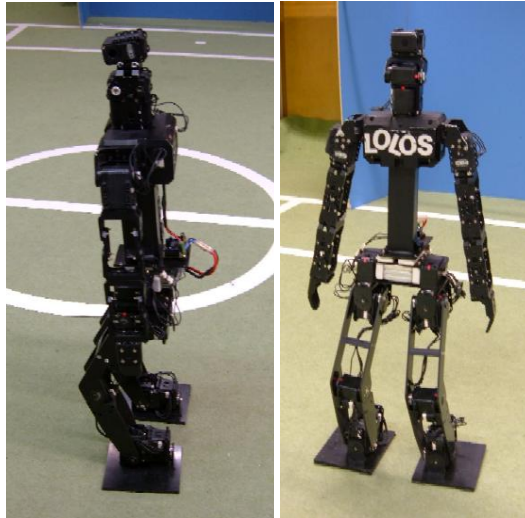


FUmanoid Team Technical Specifications

- Robot picture



- Robot names: {LOLA, LOLOS, LEAN, KIKI}
- Number of degree of freedom: 22
- Computing unit: Gumstix verdex pro XL6P
- Walking speed: 40 Cm/s
- Camera: 3 Cameras, 2 directly connected to CPU and one over USB
- Sensors: Servomotor Position Feedback, Pressure, Acceleration, Compass
- Physical Specifications:

Quantity	Value	Unit
Overall Height	60	cm
COM Height	45	cm
Weight	4320	G
Leg Length	33	cm
Foot Area	120	cm ²
Arm Length	25	cm
Head Length	10	cm

- Actuator Specifications:

	Weight g	Gear Ratio	Max Torque kgf.cm	Speed sec/60°	Resolution degrees
Dynamixel AX-64	125	1 : 200	64.4(@15V)	0.188	0.35
Dynamixel RX-28	72	1 : 193	28.3(@12V)	0.167	0.35