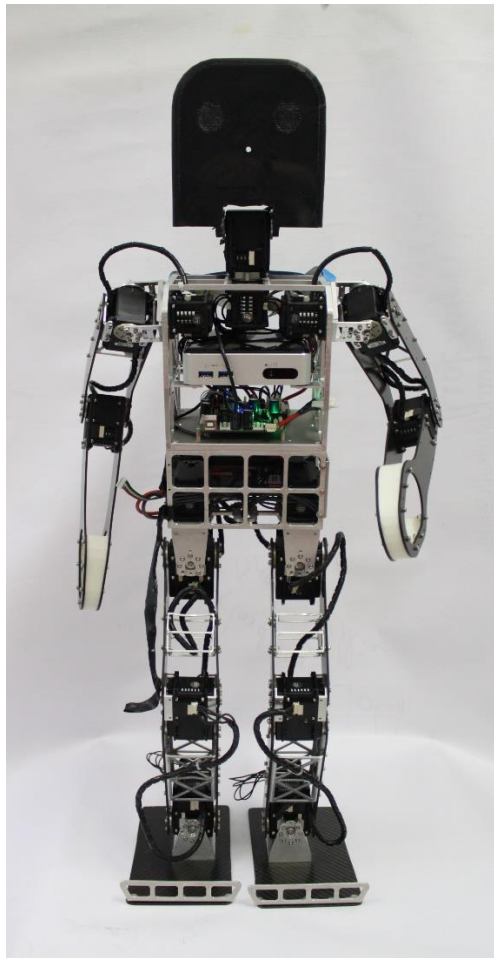
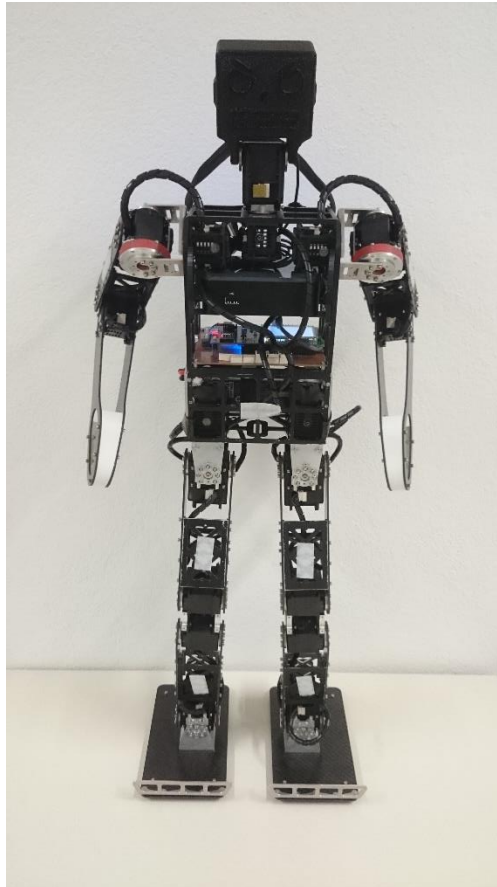


Robot Specification Teen Size 2017

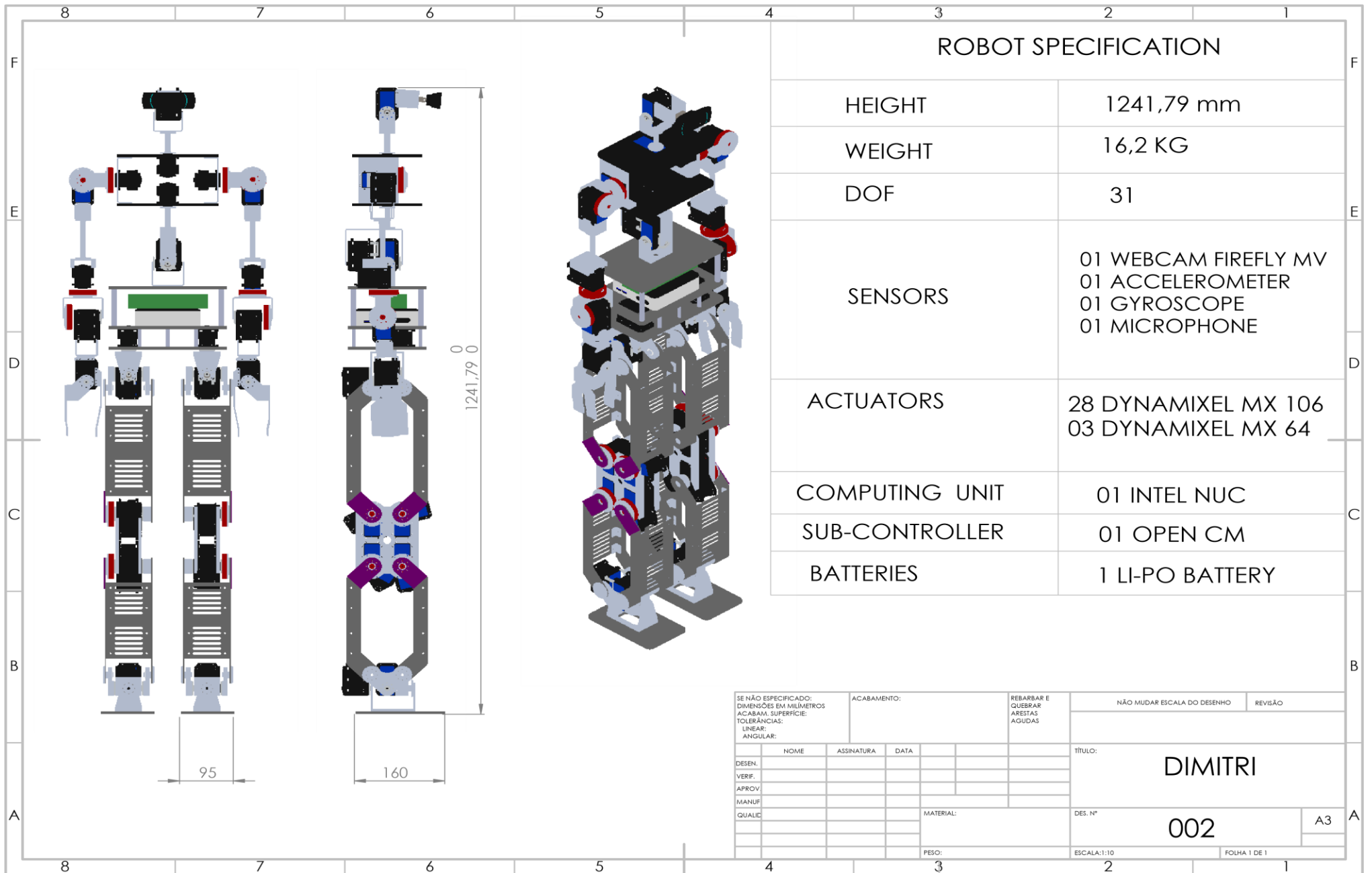
WF Wolves + Taura Bots



- **Name:** Detlef & Hans
- **Height:** 83 cm
- **Weight:** 6.4 kg
- **Walking speed:** 32 cm/s
- **Number of degrees of freedom:** 20
 - o 6 per leg (x2), Dynamixel MX-106
 - o 3 per arm (x2) , Dynamixel MX-106
 - o 2 in the head, Dynamixel MX-106
- **Motors:** Dynamixel MX64 (x8) and MX106 (x12)
- **Sensors:**
 - o IMU: 3-axis accelerometer, 3-axis gyroscope, 3-axis magnetometer
 - o Camera: Logitech C920 HD Pro Webcam
- **Computing units:**
 - o Main processor: Intel i5 4250U
 - o Movement control: Atmel AT91SAM7X256 @ 96 MHz



- **Name:** Gambi (with Series Knee)
- **Height:** 88 cm
- **Weight:** 6.5 kg
- **Walking speed:** 32 cm/s
- **Number of degrees of freedom:** 20
 - 6 per leg (x2), Dynamixel MX-106
 - 3 per arm (x2) , Dynamixel MX-106
 - 2 in the head, Dynamixel MX-106
- **Motors:** Dynamixel MX64 (x8) and MX106 (x14)
- **Sensors:**
 - IMU: 3-axis accelerometer, 3-axis gyroscope, 3-axis magnetometer
 - Camera: Logitech C920 HD Pro Webcam
- **Computing units:**
 - Main processor: Intel i5 4250U
 - Movement control: Atmel AT91SAM7X256 @ 96 MHz



ROBOT SPECIFICATION

HEIGHT	1241,79 mm
WEIGHT	16,2 KG
DOF	31
SENSORS	01 WEBCAM FIREFLY MV 01 ACCELEROMETER 01 GYROSCOPE 01 MICROPHONE
ACTUATORS	28 DYNAMIXEL MX 106 03 DYNAMIXEL MX 64
COMPUTING UNIT	01 INTEL NUC
SUB-CONTROLLER	01 OPEN CM
BATTERIES	1 LI-PO BATTERY

SE NÃO ESPECIFICADO: DIMENSÕES EM MILÍMETROS ACABAM. SUPERFÍCIE: TOLERÂNCIAS: LINEAR: ANGULAR:		ACABAMENTO:	REBARBAR E QUEBRAR ARESTAS AGUDAS	NÃO MUDAR ESCALA DO DESENHO	REVISÃO
DESEN.	NOME	ASSINATURA	DATA	TÍTULO: DIMITRI	
VERIF.				DES. Nº 002	
APROV.				A3	
MANUF.				ESCALA:1:10	
QUALIE				FOLHA 1 DE 1	
			PESO:		