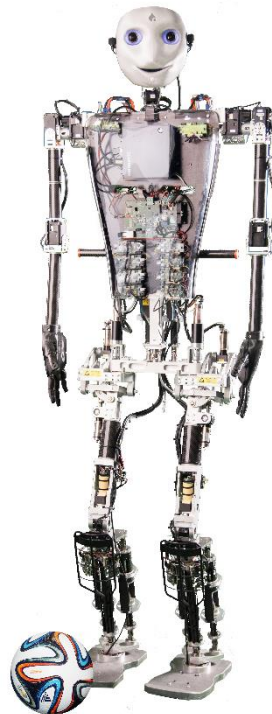
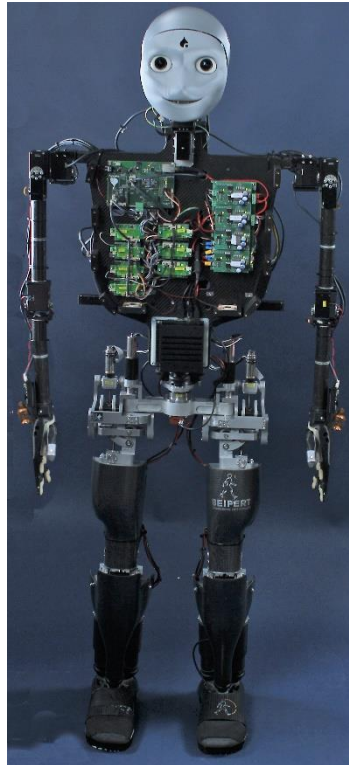


Sweaty 2020



Robot Name:	Sweaty 2.0
Height of the robot:	172 cm
Weight of the robot:	26 kg
Walking speed:	0.25 m/s
Number of degrees of freedom:	34
Type of motors:	14x Maxon (ankle, knee, hip, torso), 4x Maxon (arm) 8x Robotis Dynamixel (arms and head), 8x Firgelli (fingers)
Type of sensors used:	2x UI-3241 LE-C 1280x1024 1:1.8 3x MTI-20
Computing units:	NVIDIA Jetson AGX Xavier (Decision, Motion, Vision) 23x STM32F4 (low level controller)
Height shoulder:	140 cm
Width shoulder:	49 cm
Height hip:	76 cm
Height torso:	38 cm
Length arm:	65 cm
Height of CoM	85 cm
Number and Typ of Buses	1x TCP/IP, 2x CAN, 2x RS485
Battery:	2x LiPo 7S1P 4 Ah 40C



Robot Name:	Sweaty III
Height of the robot:	166 cm
Weight of the robot:	27 kg
Walking speed:	0.35 m/s
Number of degrees of freedom:	35
Type of motors:	15x Maxon (ankle, knee, hip, torso), 4x Maxon (arm) 8x Robotis Dynamixel (arms and head), 8x Firgelli (fingers)
Type of sensors used:	ZED mini 2x MTI-20
Computing units:	NVIDIA Jetson AGX Xavier (Decision, Motion, Vision) 23x STM32F4 (low level controller)
Height shoulder:	141 cm
Width shoulder:	66 cm
Height hip:	75 cm
Height torso:	38 cm
Length arm:	70 cm
Height of CoM	80 cm
Number and Typ of Buses	1x TCP/IP, 2x CAN, 2x RS485
Battery:	2x LiPo 7S1P 4 Ah 40C