

## Sweaty 2018



Robot Name:	<b>Sweaty</b>
Height of the robot:	<b>172 cm</b>
Weight of the robot:	<b>26 kg</b>
Walking speed:	<b>0.22 m/s</b>
Number of degrees of freedom:	<b>30</b>
Type of motors:	<b>14 Maxon (ankle, knee, hip, torso), 8 Robotix Dynamixel (arms and head), 8 Firgelli (fingers)</b>
Type of sensors used:	<b>2 UI-3241 LE-C 1280x1024 1:1.8 MTI-20</b>
Computing units:	<b>Gigabyte Brix I7 4Core 3.7 GHz (Decision, Motion, Vision) 20 STM32F4</b>
Height shoulder:	<b>140 cm</b>
Width shoulder:	<b>49 cm</b>
Height hip:	<b>76 cm</b>
Height torso:	<b>38 cm</b>
Length arm:	<b>65 cm</b>
Height of CoM	<b>85 cm</b>
Number and Typ of Buses	<b>1 TCP/IP, 2 CAN, 1 RS485</b>
Battery:	<b>2 LiPo 7S1P 4 Ah 40C</b>