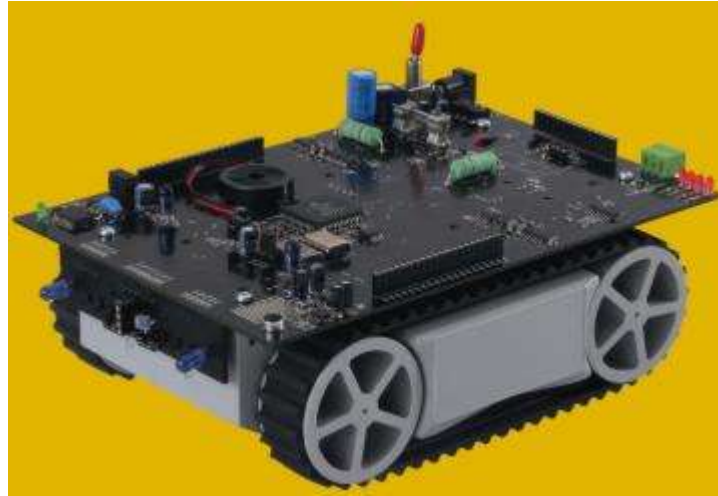


# **THE PLATFORM:**

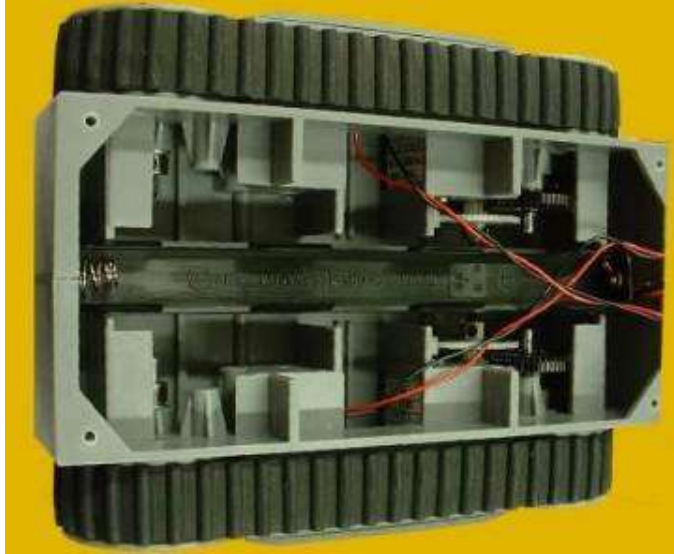
The robot is based on the famous robot platform „CCRP5“ developed by conrad electronics seen below.



*picture1:CCRP5 robot*

## **THE DRIVING SYSTEM:**

The robot is equipped with a track chain as shown in picture 2.



*picture2:CCRP5 chassis*

Two industrial high performance drives  
make it move.

# SENSORS:

To get information about the robots environment it is possible to connect a lot of different sensors.



*picture3: onboard sensors*



*picture 4 :*  
*distance sensor*

# THE STRATEGY:

1. Find the bridge

2. Cross the bridge

3. Knock down the skittles