

# Team Roboticsman 选题建议

## 1. JAKA Zu 系列 (Zu 12/18/20)

[https://www.jaka.com/productDetails/JAKA\\_Zu\\_18](https://www.jaka.com/productDetails/JAKA_Zu_18)

优点: Base 交大 简洁轻便 可能老师能有效指导

缺点: 老师过于熟悉 出错容易穿帮

## 2. Universal Robot 系列 (UR5、UR5e)

<https://www.universal-robots.com/products/ur5-robot/>

优点: 6 轴是旋转轴, 无平移 历史较为悠久且比节卡出名, 容易找到模型及教程

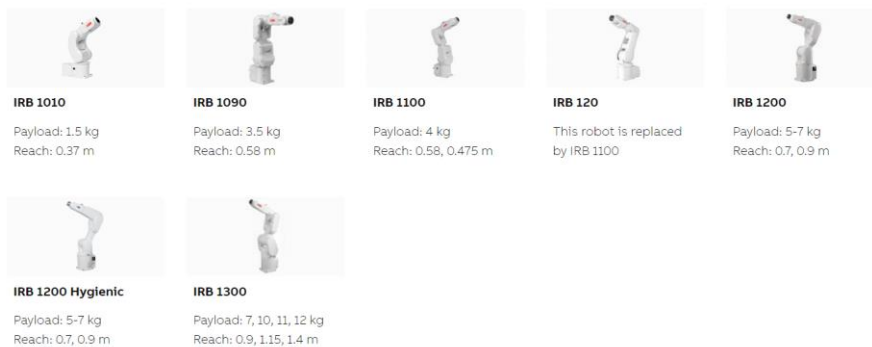
缺点:

## 3. ABB- IRB/CRB 系列

<https://new.abb.com/products/robotics/robots/articulated-robots>

建模可能会复杂一点, 但是帅 四大家族之首, 最 famous

### Small robots



## 4. KUKA

<https://www.kuka.com/zh-cn/products/robotics-systems/industrial-robots>

弧线美学, 四大家族之一, 建模难度可能比 ABB 系列更高



## 5. FANUC&YASKAWA

小日子的版本, 强弩之末, 厚重

<https://www.fanuc.com/product/robot.html>

<https://www.yaskawa.com/products/robotics/robots-with-iec/articulated-robots>



#### GP7

The GP7 robot arm has a payload of 7 kg, a horizontal reach of 927 mm, and a vertical reach of 1693 mm.



#### GP8

The GP8 robot arm has a payload of 8 kg, a horizontal reach of 727 mm, and a vertical reach of 1312 mm.



#### GP12

The GP12 robot arm has a payload of 12 kg, a horizontal reach of 1440 mm, and a vertical reach of 2511 mm.



#### GP25

The GP25 robot arm has a payload of 25 kg, a horizontal reach of 1730 mm, and a vertical reach of 3089 mm.

推荐一个模型库: <https://robodk.com.cn/cn/library>