

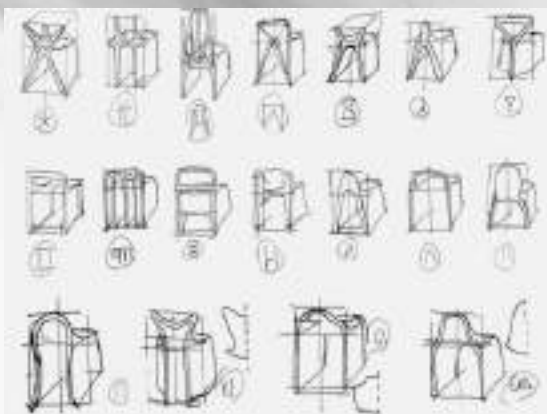
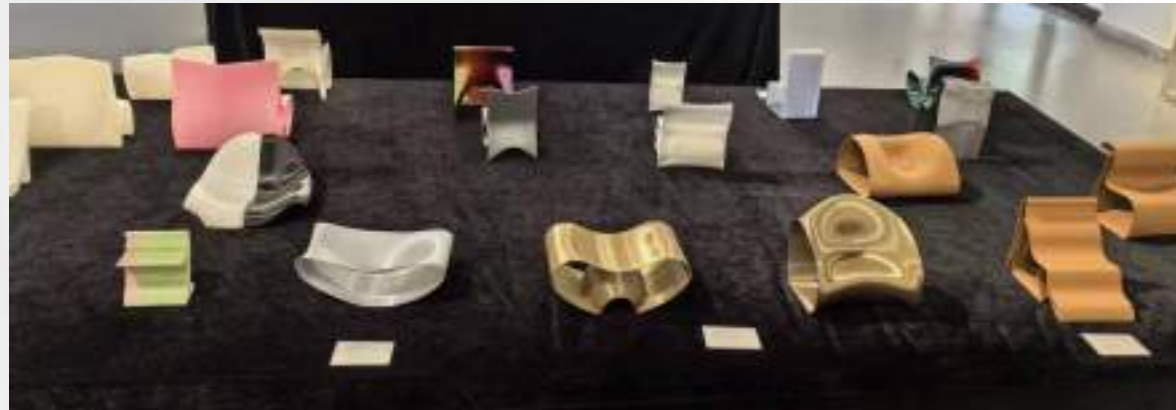


**Robot Arm Pellet 3D Printing Solution**

# Solution



# Lab



# Cases

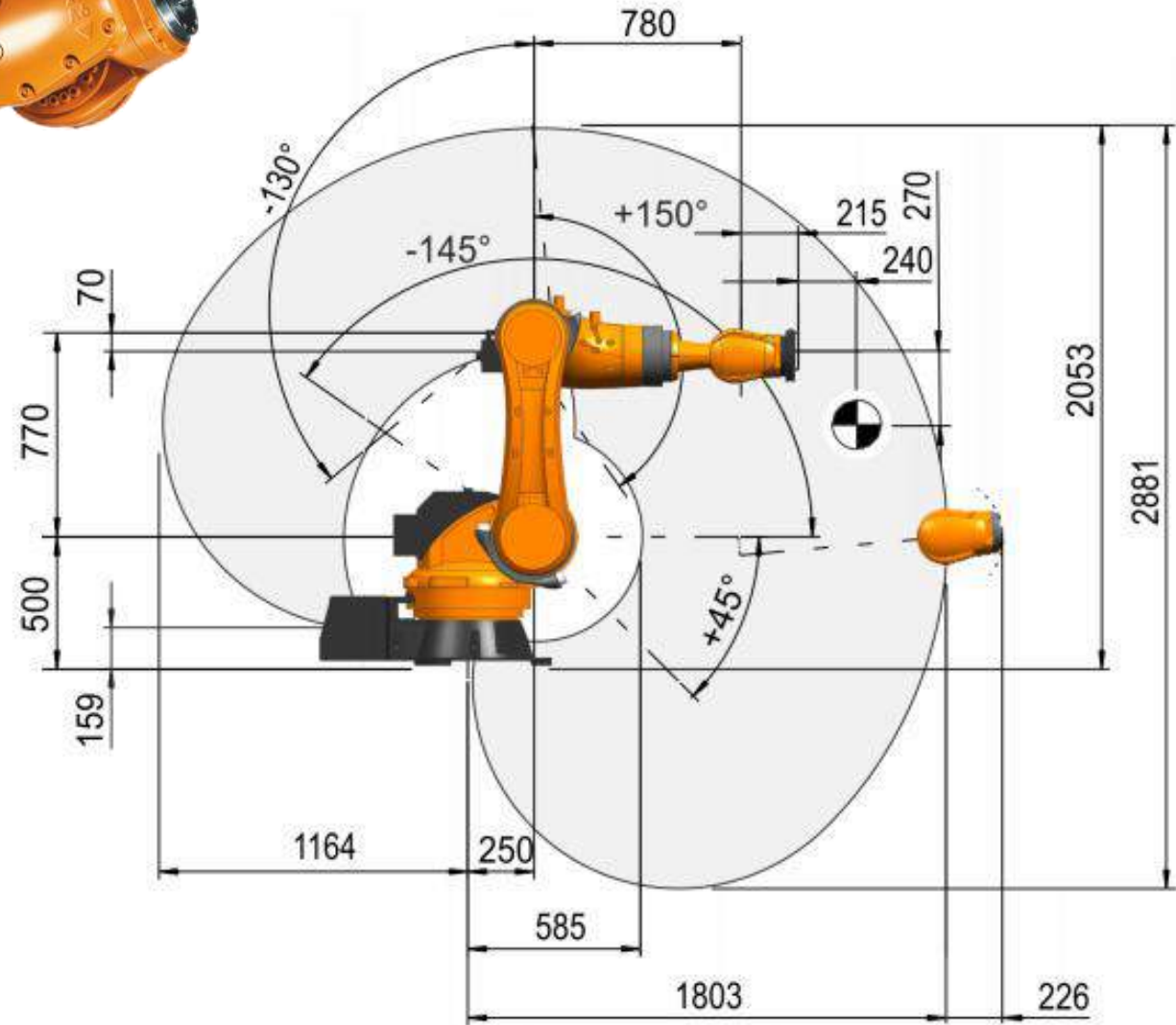
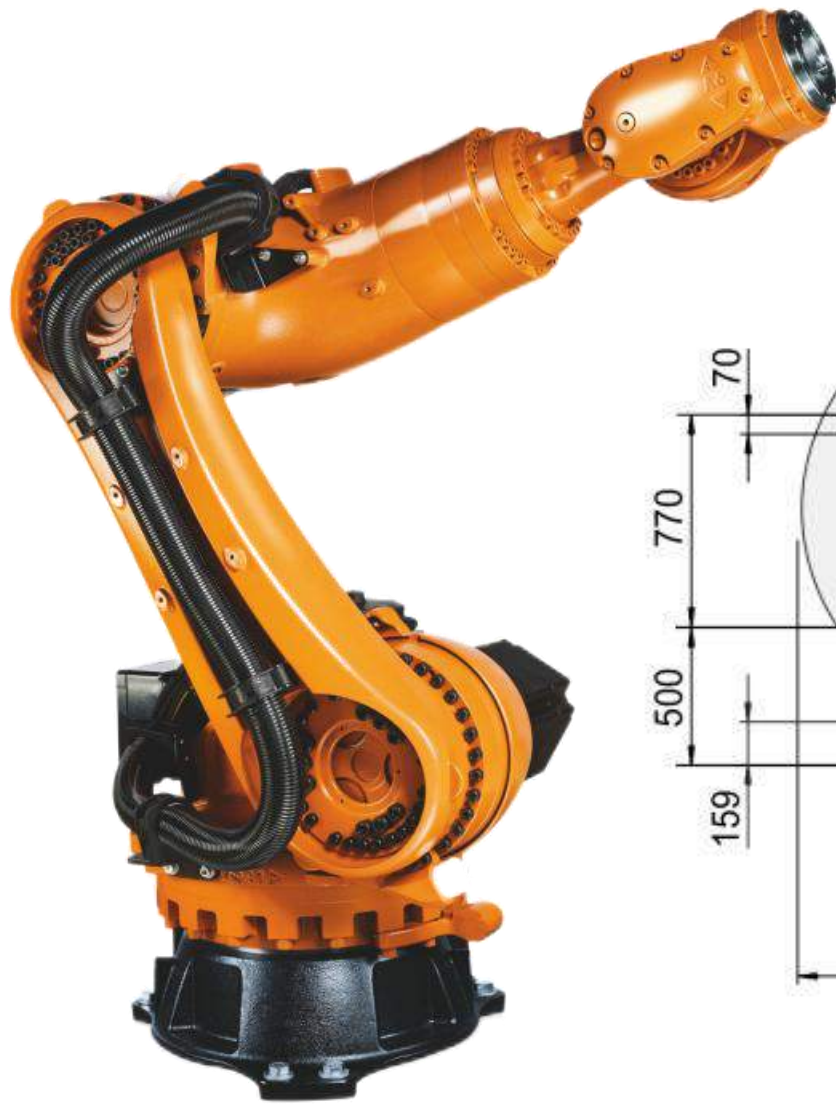


# Cases



# Arm Parameters

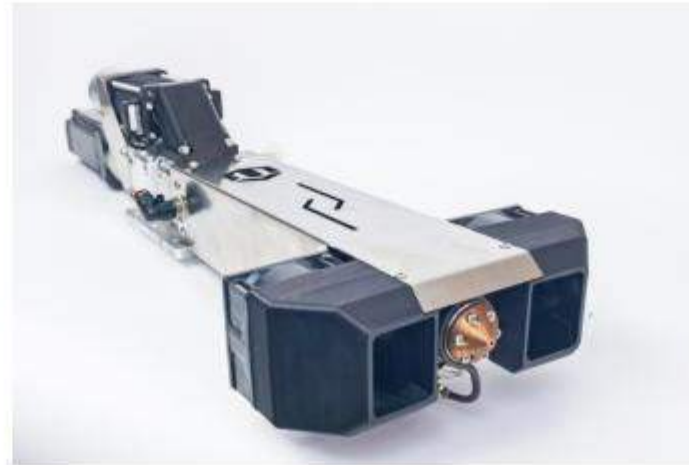
Unit: mm





## Pellet Extruder Technical Parameters

Model: Pellet Ext P6  
Weight: 9.5kg  
Size: H670 x W190 x L127 mm  
Screw Size: D34 x L357 mm  
Screw Treatment: 38CrMoA1A+Nitriding Treatment  
(L/D): 10.5:1  
Max. Motor Torque: 5.4N.m  
Gear Ratio between Motor and Screw: 1:50  
Max. Screw Speed: 60(r/min)  
Installable Equipment: Robot Arm & Frame Type  
Heating Zones: 3  
Cooling Zones: 2(Insulation Section & Model Cooling)  
Temperature Control: PID  
Cooling Method: Water Cooling(Insulation Section)+  
Air Cooling(Model Heat Dissipation)  
Software: IEMAI 3D EXPERT  
Power Servo Motor: STEPCNC  
Servo System: 0.6KW  
Total Power: 2.1KW  
Extruder Control: Servo Motor+Planetary Reducer  
Max. Throughput: 6KG/H





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