



**X88 is a collaborative robot that can be used by all levels of production staff to help optimize productivity, reduce injury and boost morale. You can automate and streamline repetitive or potentially unsafe processes. It is lightweight, space-saving, and easy to re-deploy to multiple applications without changing production layout**

**Features :**

1. IDirect connecting structure with in-built harmonic gear reducer, precision resolution up to 0.05mm.
2. IRobust construction with rectilinear motion design on each axis.
3. IOpen serial communication interface allow user to control, compile and download program within the console and the robot arm easily.
4. IAll junctions are easy to assemble and disassemble.
5. IFlexible movement with 260 degree on 1-axis, 250 degree on 2-axis, 250 degree on 3-axis, 360 degree on 4-axis, 200 degree on 5 axis, and no limit on 6-axis.
6. IPayload is 3Kg and reach is 650mm.
7. IMaximum speed on each Axis is 0.7m/s.
8. IThe overall size is 250mm x 250mm x 850mm, and its overall weight is 22kg.
9. IPower consumption is 500W. Input voltage is 200V, Working voltage is 48V.
10. ISuitable for educational use and light production line.