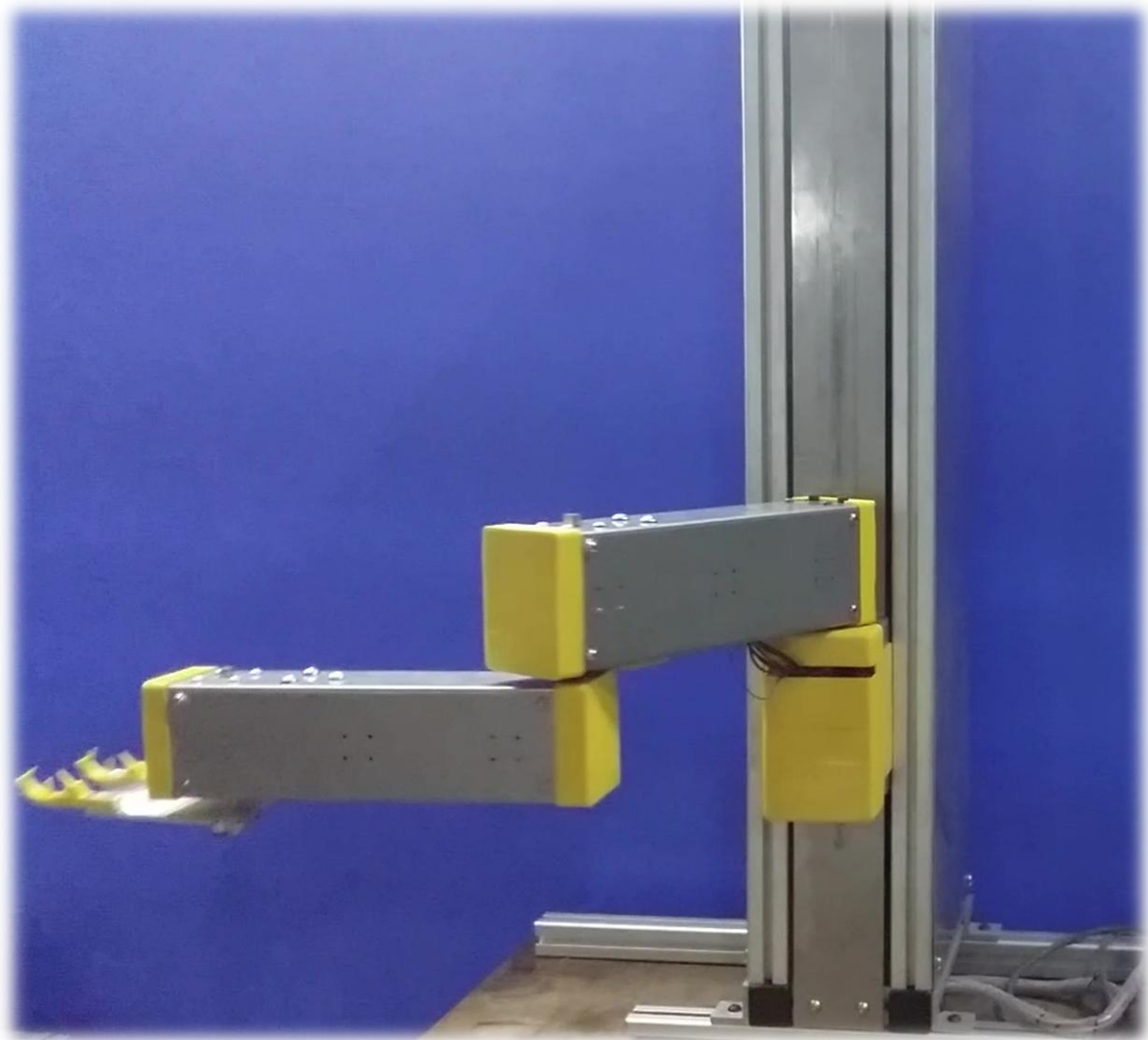


GTR1 SCARA ROBOTIC ARM



GTR1 is a robot designed and manufactured by Greenamics Technology Sdn Bhd with the aim producing a user-friendly and affordable robot for manufacturing industry.

Robotic arm is a flexible way to implement automation for factories. Most of the dull and repetitive job previously done by human can be replaced by robotic arm. However, price of the robot is often one of the obstacles faced by most SMEs. GTR1 is the solution as the price is very affordable.

What can GTR1 do?

Quality inspection

Assembly

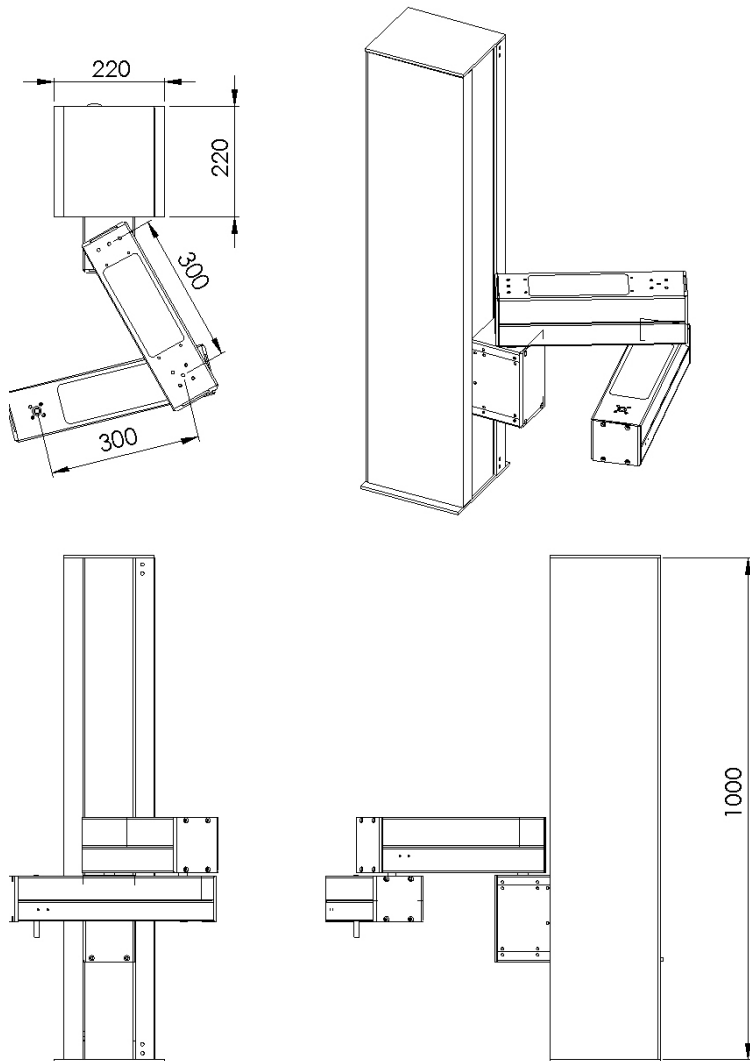
Paint spraying

Polishing

Screw driving

Packaging

| Specifications | | |
|--------------------------|--------------|-----------------|
| Reach | | 600mm |
| Payload | | 3kg |
| Degree of freedom | | 4 |
| Range | Z-axis | 700mm |
| | Arm 1 | $\pm 90^\circ$ |
| | Arm 2 | $\pm 150^\circ$ |
| | End effector | Infinite |
| Maximum torque | Arm 1 | 28Nm |
| | Arm 2 | 8.5Nm |
| | End effector | 3Nm |
| Maximum speed | Arm 1 | 90° per second |
| | Arm 2 | 315° per second |
| | End effector | 315° per second |
| Power supply | | 240V, 50Hz |
| Power consumption | | 200W |
| Foot print | | 220mm x 220mm |
| Total height | | 1010mm |



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