



Mobile Robots for Material Handling Automation

X MACHINES
INVENTING FUTURE

www.xmachines.ai

Material Handling Simplified

Gone are the days when material handling is a dull, slow and error prone human dependent process.

Introducing X100, a mobile robot designed to be the work horse in your material handling operations.

X100



X MACHINES

X100

1 EMERGENCY STOPS

2 Emergency stops are placed at easily accessible locations

2 COLLISION PREVENTION

8 Ultrasonic Sensors combined with sophisticated software constantly monitors the surroundings to prevent collisions

3 RUGGED DRIVE SYSTEM

Rugged drive system with pneumatic wheels allows for operation in harshest environments



4 HOT-SWAPPABLE BATTERY

The ability to swap the batteries in few seconds allows for continuous operation

5 EXTREME CUSTOMIZABILITY

The mount features on the robot gives it an ability to get attached to various attachments

6 SOFISTICATED SOFTWARE

Intelligent software which is continuously improved and updated keeps the robot fit and healthy all the time



Cart's & Trolley's



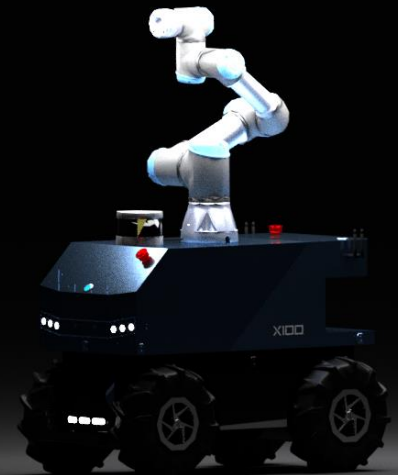
Up to

300

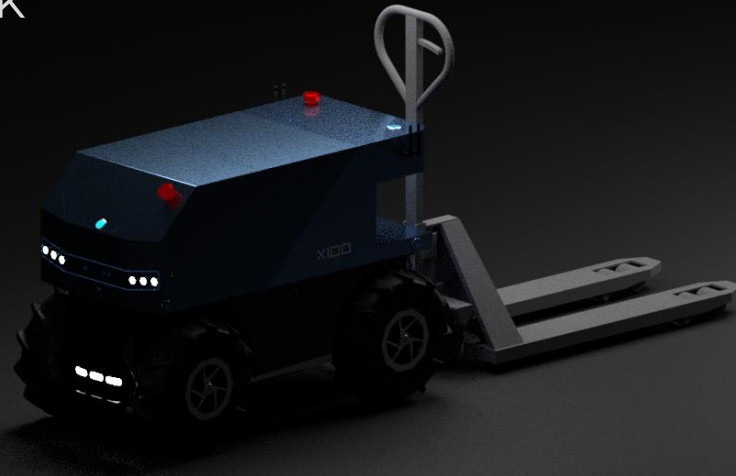
Kg
Towing Capacity

Attachable to
various modules

Robotic Arm



Palette Jack



Mini-Conveyor



Palette stacker



X100 Variants

Joy stick Version



Worker guides the machine with joystick while the machine carries the load for him.

Vision Guided Version



The machine follows a pre-defined path using cameras

Laser Guided Version



Path free laser guided fully autonomous system

SPECIFICATIONS

Dimensions (l x b x h)	760 x 400 x 510 (mm)
Weight	75kg
Max Payload	300kg
Max Speed	1 m/s
Battery Range	8 hours
Battery Chemistry	Li-Ion
Charging time	3 hours
Hot-swappable batteries	Yes
Collision Prevention	8 x Proximity Sensors
Safety	2 x Emergency stoppers
IP Rating	IP20

For pricing and ordering

Website : www.xmachines.ai

By phone : +91 7674901046

By email : contact@xmachines.ai

About Us

Xmachines is a technology company which believes robots are going to improve the quality of human life in all walks of life. Our passion lies in solving problems which are often overlooked. In addition to Material handling, we build products for various industries including Agriculture.

X M A C H I N E S