



AutoCart™



Robotic Machine Tending

STABILITY
DRIVING CNC

V 1000L

VERTICAL MACHINING CENTER

Ball-bearing rail-type guideways (X/Y/Z)

Series CAT40, 12,000 RPM Direct Spindle

Tool ATC

Hard-scraped surfaces

Machine weight 15,432 lbs

Rapid Travel at 2362/2362/1181 (60/60/30 m/min)

Chip Augers and Chip conveyor included

PSI prepped & pre-wired for 4th

Part memory

3-year warranty

Optional Oil Chiller



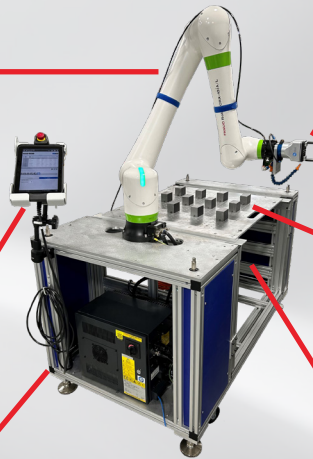
Take your production to new heights with the AutoCart™ for robotic machine tending. AutoCart™ can be integrated to your existing machine tool, allowing your company to increase production through “lights out manufacturing”.

Features and Flexibility to Fit Your Application

FANUC CRX10iA/L collaborative robot with 55" reach and 22 lbs. payload capability. 8 years maintenance free.

User-friendly interface created by OptiPro allows jobs to be stored for future use and easier setup of programs.

Connects to any FANUC control or utilize communication box for non-FANUC control

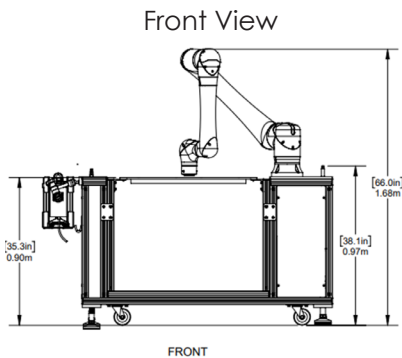


Multiple end effector options (Electric/pneumatic, 2 jaw/3 jaw, magnetic, vacuum, single gripper/dual gripper, etc.)

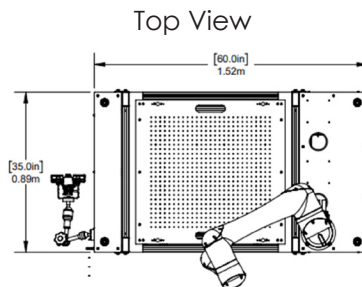
Large working area with predrilled holes for easy setup and fixturing.

Optional multiple drawers can be loaded and unloaded in both directions by robot or operator.

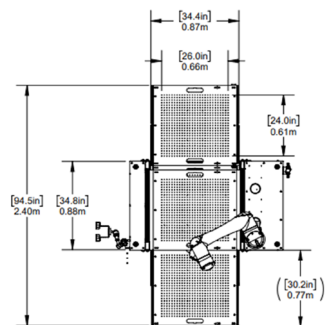
AutoCart Dimensions:



Runs on single phase 110V (15amp)



Drawer Option: Top View with Drawers Pulled Out in Both Directions



Optional engineering services

- Part fixturing/ work holding
- Custom pallets
- Custom gripper/gripper fingers
- Custom Interfaces
- Robot programming/turnkey solutions
- Custom designs (larger/smaller robots)

Additional Options

- Angle mount – Allows for robot to be mounted at a 45 angle, giving it more reach to position the cart off to the side rather than directly in front of machine
- Air Blowoff – Adds regulator and positionable air nozzle to blow off work piece/area
- Area Scanner – Allows for faster speeds and "non-collaborative" features while an operator is not in the work area

AUTHORIZED SYSTEM INTEGRATOR

As a FANUC America Authorized Systems Integrator, OptiPro is dedicated to providing robotic automation solutions that help manufacturing companies achieve more efficient production. Our Automation team consists of trained technicians as well as mechanical, electrical, and software engineers that you can rely on throughout the entire collaboration process. FANUC America offers industrial robots for almost any application with payloads ranging 0.5kg - 2300kg (1lb - 5100lbs).

