

SAM

SHOP ASSISTANT MACHINE

RIGID

Member of the

DATAALIGN™
SERIES OF EQUIPMENT



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SHOWN ABOVE WITH CONVEYOR BELT CLOSED.
CONTROL PANEL MAY BE PEDESTAL OR WALL MOUNTED



CONVEYOR BELT EXTENDED

The system can easily be taught pick and drop positions via the custom DIS software.

This system can be placed at the beginning or the end of a production line to act as a loader or unloader. It can also be placed at any work area where loading/unloading a machine from the same position is desired. When required an integrated conveyor section can be adjusted to match the speed of most conveyors used in production.

The End Of Arm Tooling (EOAT) has two main vacuum arms with two smaller extension arms. These can easily be adjusted to most panel sizes. This configuration will allow pick-up on the perimeter of the material to be handled. Each arm has two independently controlled vacuum zones for ease of set-up, each vacuum up has its own vacuum generator. Vacuum cups are configured to pick up thin material without distortion

Optional features: Conveyor, Pedestal, Bar Coding/ Tracking and Color Matching of materials.

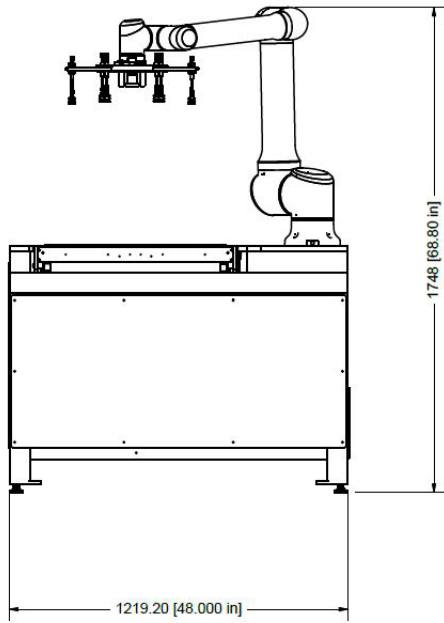
PROCESSING CAPABILITIES

■ Minimum: 12" x 14"
305mm x 355mm

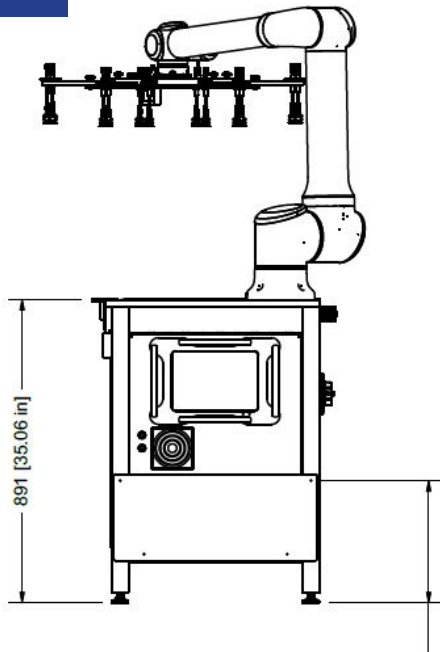
■ Maximum: 24" x 30"
610mm x 762mm

FOOTPRINT

FRONT VIEW



SIDE VIEW



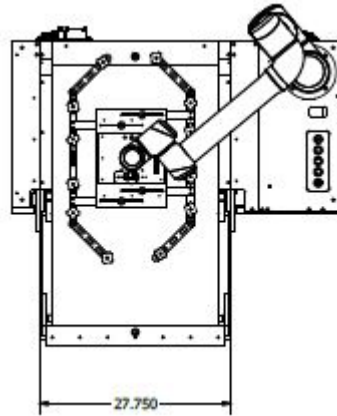
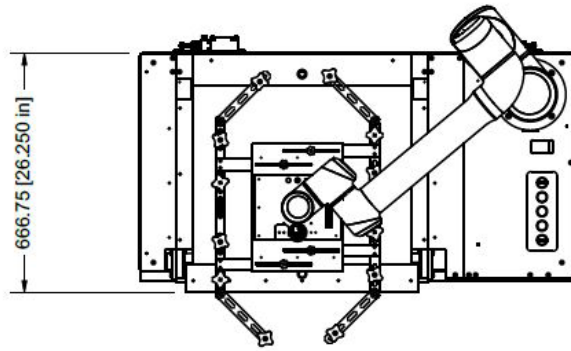
Machine Requirements

- Air Requirements
85 psi (6 bar), 6 SCFM (168 liters/min)
- Power Requirements
110VAC, 15Amps, 1 Phase 50/60Hz
- Weight
435 lbs - 197

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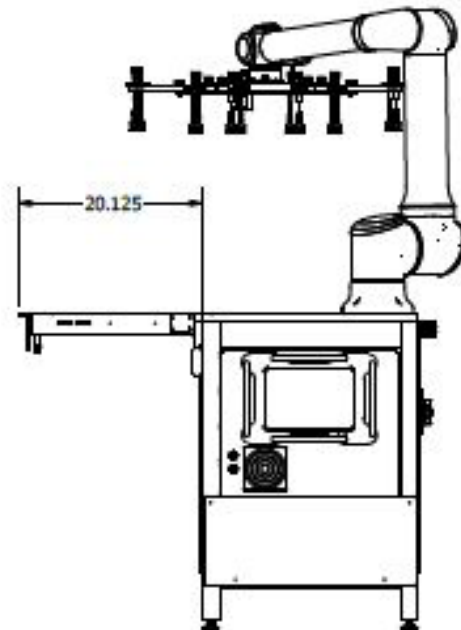
TOP VIEW



TOP VIEW

SHOWN WITH CONVEYOR
BELT EXTENDED

SIDE VIEW



SHOWN WITH CONVEYOR BELT
EXTENDED