



TOOL CHANGER SYSTEM

AGC-40

Download 2 & 3D CAD Drawings:
www.AGI-AUTOMATION.com

DIMENSIONAL DRAWING



SPECIFICATIONS

Design Fail-safe coupling

Maximum Payload W. 200 lbs

Loading Capacity

Max. Tension T 2000 lbs @ 0 psi

Max. Compressive C 4000 lbs

Max. Moment M_x 4000 in-lb

Max. Moment M_y 4000 in-lb

Max. Moment M_z 3000 in-lb

Accuracy

Position Repeatability

X & Y ± 0.0001 in

Position Repeatability

Z ± 0.0001 in



Pressure Range

Low 30 psi

High 120 psi



Temperature Range

Low -20° F

High 180° F



Material High strength, hard coated aluminum alloys, steel



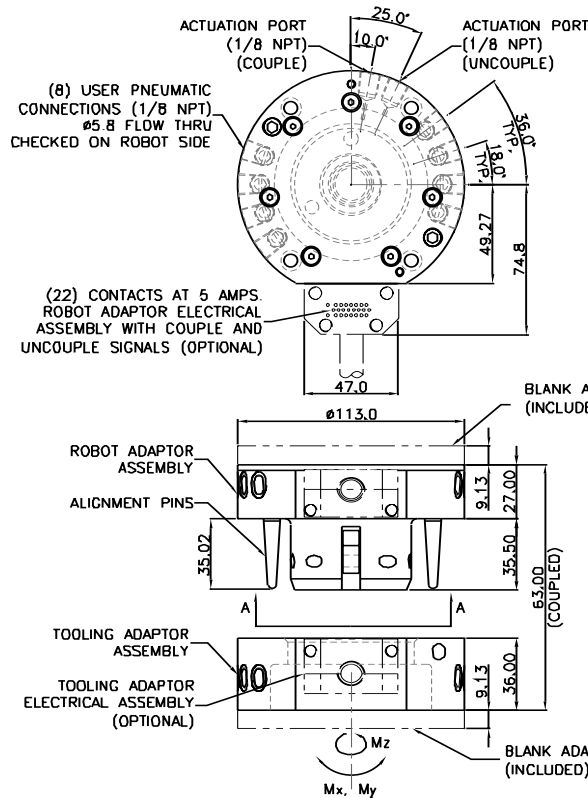
Weight 4.14 lb



Ports (Standard) (8) 1/8 NPT
Checked on Robot Side

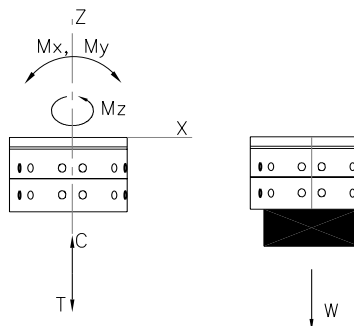


Electrical Contacts
(Optional) 22 @ 5 amps each



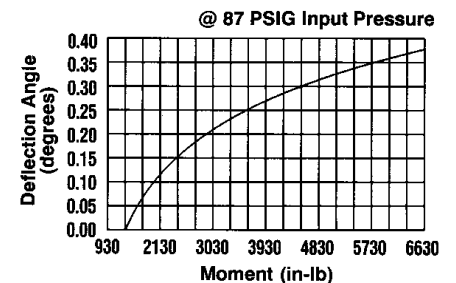
NOTE: Dimensions are metric.

LOADING INFORMATION



WARNING! Do not exceed maximum moment.

DEFLECTION DATA



**TO ORDER OR FOR MORE INFORMATION, PLEASE CALL (203) 459-8345, FAX (203) 452-5943
VISIT OUR WEBSITE AT: WWW.AGI-AUTOMATION.COM**

AGC-40 TOOL CHANGER SYSTEM

LIFETIME WARRANTY ON LOCKING MECHANISM

FEATURES AND BENEFITS

- **Fail Safe** - The locking mechanism remains locked even with loss of pneumatic pressure.
- **Handles High Moments and Extremely High Repeatability** - The index pin gives Tool Change Adapters the ability to handle high radial moments, with high repeatability ± 0.001 in.
- **Fast Coupling** - The robot adapter can couple with the tool mounting adapter in less than 1/2 second.
- **Low Deflection** - The unique latching mechanism pulls the tool adapter into the robot adapter body - preloading the tool mounting adapter for excellent rigidity.
- **Coupling Window** - The robot adapter pulls up the tool adapter, allowing the user to couple while up to .06" off the face of the tool mounting plate.

THE TOOL CHANGER SYSTEM

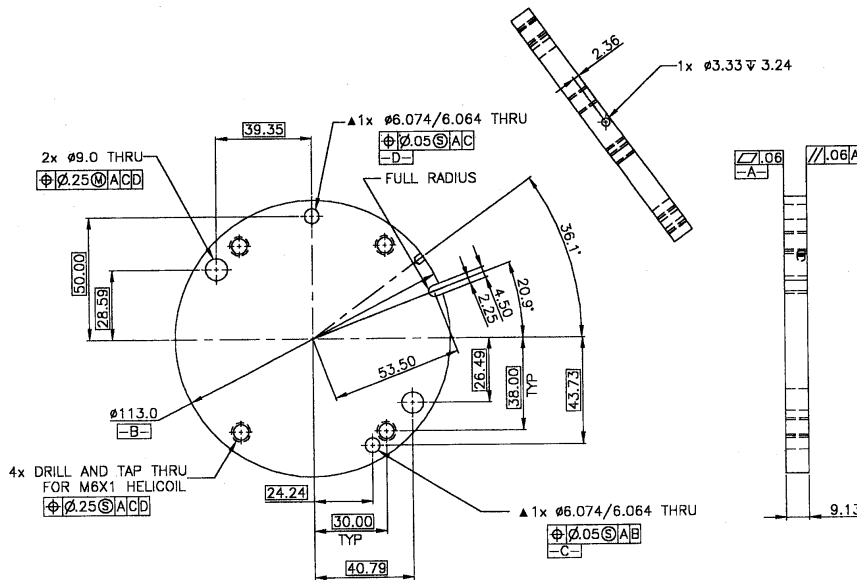
We offer a full line of robotic tool changers designed to minimize assembly line downtime. We can increase your productivity:

- **When you're doing batchmode manufacturing.**
Reduce line changeovers from hours to seconds.
- **When you're maintaining or repairing tools.**
You can have a second identical tool available, that won't need recalibration.
- **When you need a more flexible robot.** Now your robot can perform multiple tasks with a simple tool change.

APPLICATIONS

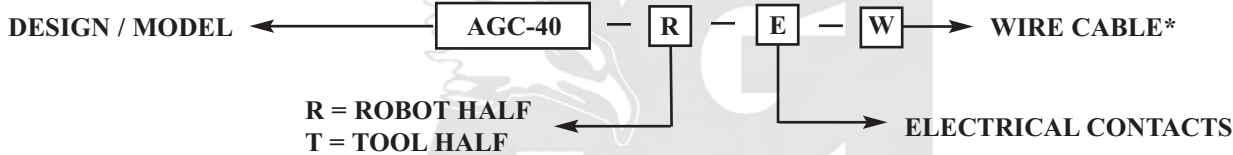
- Light to Medium assembly
- Pick and Place
- Material removal
- Material handling
- SMT work cell

BLANK UNIVERSAL PLATE



How To ORDER

When ordering, please specify: Design/Model Number and Options.



* NOTE ROBOT SIDE IS 3 METER HIGH FLEX OLFLEX900 AND TOOL IS 1 METER LONG

CONTACT INFORMATION

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