

## **AGB Wheel Gripper**

The Brawn Series is quickly becoming the favorite of many aluminum wheel manufacturers and robot integrators because of their lightweight, long strokes and high gripping forces. Designed for applications that require fast acceleration of heavy objects with long tooling fingers. The AGW-2000 is ideal for machining and foundry applications. The sealed design repels chips and other debris from its drive components. The smallest unit AGW-2000 weighs in at 23 pounds and has eight inches of stroke and delivers 480 pounds of gripping force at 100 psi. The loading capacity on that unit in Mx, My, Mz is 3000 in-lbs. The strokes available on the AGW-2000 are from 8" to 12" in one-inch increments. The larger unit AGW-4000 weighs in at 57 pounds and has eight inches of stroke and delivers 1400 pounds of gripping force at 100 psi. The loading capacity on that unit in Mx, My, Mz is 6000 in-lbs. The strokes available on the AGW-4000 are from 8" to 12" in one-inch increments. This unit is ideal for machining or dirty environments because of its sealed design that repels chips and contaminants from its internal mechanism. Each jaw is supported by full shafts through the length of the body allowing for heavy loads and long tooling jaws. This unit is available in synchronous or non-synchronous for independent jaw motion for non-centering applications. The grippers are rack and pinion design to synchronize each jaw. These products are used in various industries such as, Foundry, Aerospace, Automotive, Appliance, and Packaging.