DD5

CONTROL GAGING INCORPORATED

DD5 Thrufeed Gaging Station

Real-time automatic disc grinder gage improves Cpk and productivity

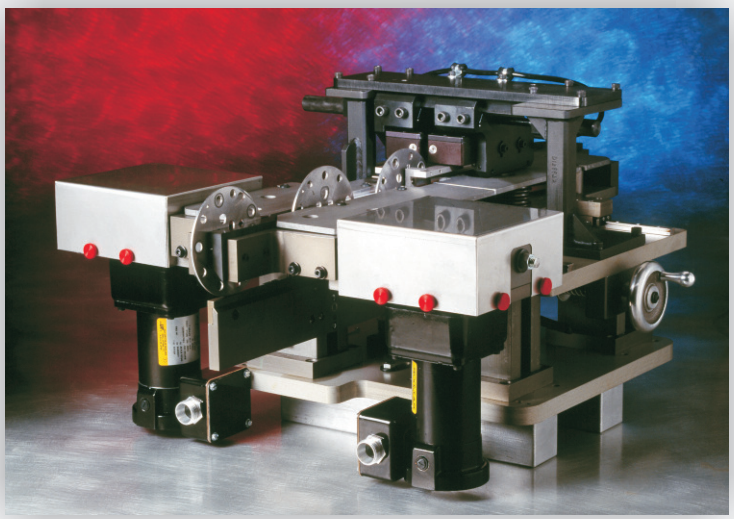
Reduce operator intervention, decrease size variation, and improve grinding machine throughput with this fully-automated, statistics-driven gaging system.

Control Gaging's DD5 Gaging Station provides automatic grinder control based on real-time part size. The dynamic gaging fixture is mounted immediately behind the exit guides. As parts leave the grinder they flow directly into the station and are captured between urethane belts, which transport them through the gage while relieving back-pressure on the machine feed.

As parts flow between the gage contacts, part size data is fed to the D500 Gage Controller. The D500 sends compensation outputs to the machine based on subgroup averages, holding tight tolerances. A more sophisticated trend analysis package is available as an option – Intelligent Process Control (IPC) software is designed to fully optimize your machine's capability.

The dynamic gaging fixture is both rigid and rugged, standing up to the production grinding environment. The fixture can be mounted on a linear slide for easy operator access to the machine and exit guides.

Field results show that this gage fixture can handle 24-hour-per-day throughput with minimal maintenance. One of the early adopters of this product found that they could **cut from 3 shifts per day to 2** due to the improvement in the grinder productivity afforded by the gage.



DD5 Specifications:

Thickness range:	**2.3mm to 38mm .09" to 1.5"**
Thrufeed rate:	**2.5 to 7.5 meters/minute 100 to 300 inches/minute**
Part diameter, height, length:	**25mm to 150mm 1" to 6" for both**

D500 Gage Controller

The D500 is an advanced, highly-configurable gage controller with the power for demanding applications. Advanced DSP technology yields fast, precise size data. User screens are configured by application for clarity. Select from several field-proven software packages to monitor part size and compensate effectively for your specific process.

TAKE CONTROL & SAVE MONEY

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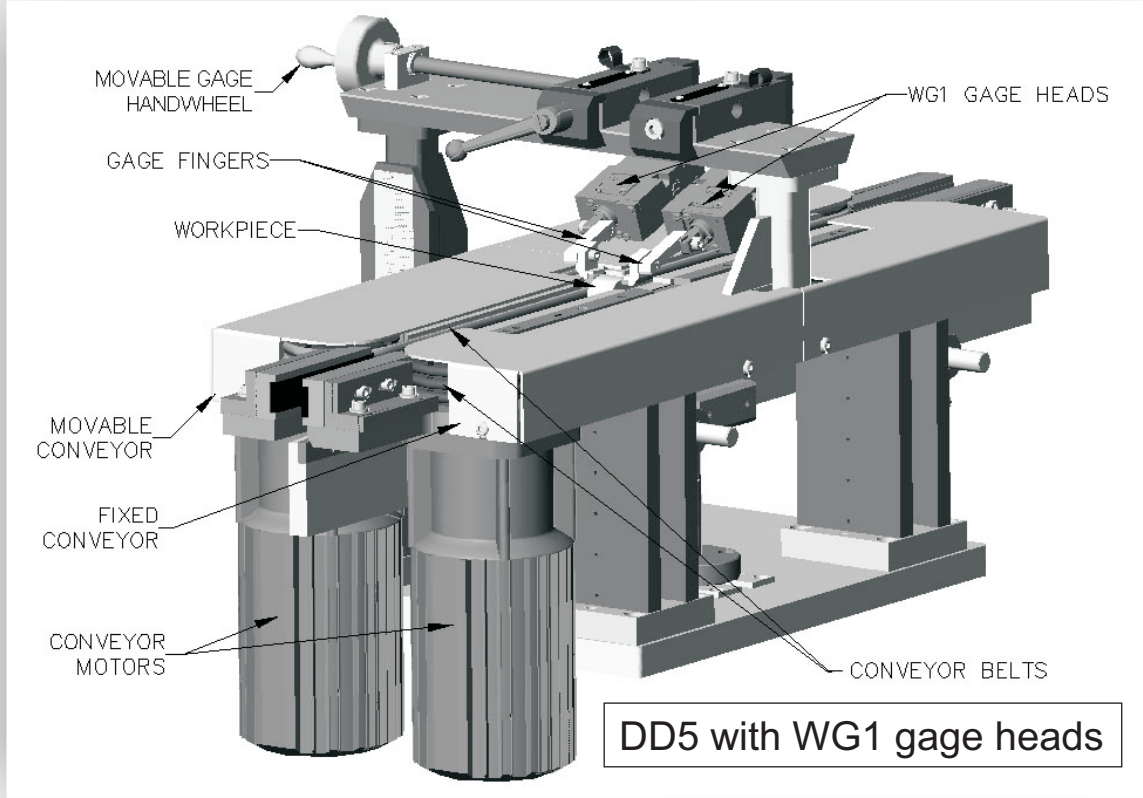
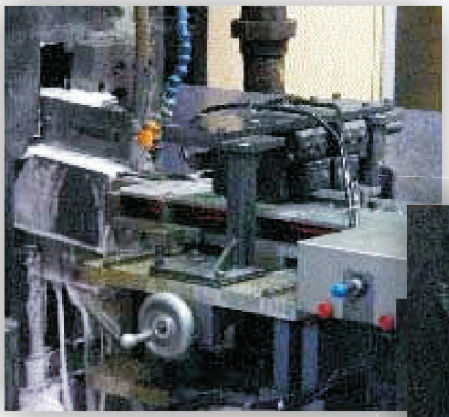
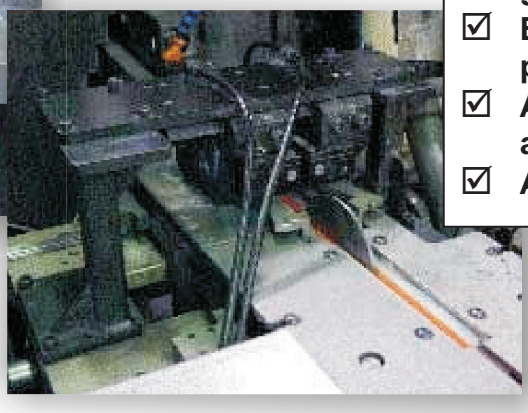
A NEW way to automatically control part thickness!



DD5 with WG1 gage heads





DD5 Features

- ☑ **Robust, reliable, quick-setup gage heads**
- ☑ **Easily adjustable over the part size range**
- ☑ **Available with linear slide for access to grinder**
- ☑ **Adjustable thrufeed rate**

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