



Freeway Corporation's manufacturing facilities in Cleveland, Ohio.

New Minster Control a Match With Freeway

When Freeway Corp. was shopping for a control package for its new P2-200 press, company officials sought the advice of the press manufacturer and found just what they were looking for in Minster's new Production Management Control.

"We talked to Minster and this is what they came up with,"



Minster's Production Management Control in use at Freeway Corp.

Freeway's Vice President of Manufacturing Leo Mastalski said. "As it turned out the Production Management Control had everything we needed, and you can add to it, which was another big selling point."

The Production Management Control (PMC) was actually developed with the manufacturer's needs in mind, as Minster surveyed its customers worldwide, and incorporated features based on the input received from actual press users.

Designed by Minster for use on Minster presses, the PMC features full functionality press controls, diagnostics and press room automation features.

The control includes a fully integrated color touch screen which acts as the operator interface for practically all of the press functions. Motion critical functions such as the clutch operators (mode selector switch, run buttons, etc.) and keyed

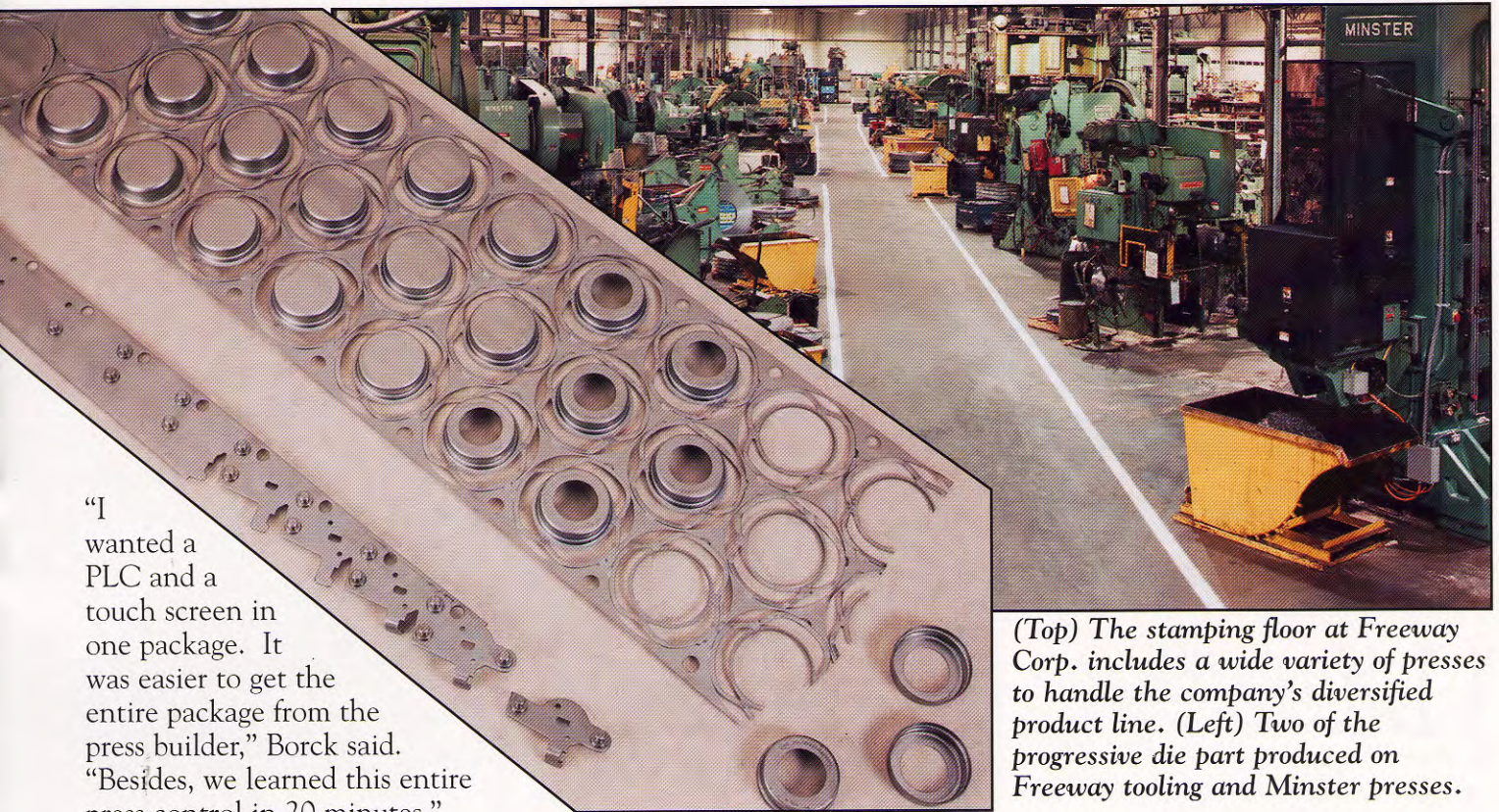
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Electrician/System Maint. Supervisor
Freeway Corp.

selector switches (power on/off, supervisory control) are the only necessary mechanical operators remaining on the control.

In addition to all of the primary controllers (programmable limit switches, die protection, load monitoring, etc.), the PMC displays a fully exhaustive list of all potential press faults, greatly reducing the training time for new press operators.

Electrician/System Maintenance Supervisor Bill Borick said the PMC has been a good fit for Freeway.



(Top) The stamping floor at Freeway Corp. includes a wide variety of presses to handle the company's diversified product line. (Left) Two of the progressive die part produced on Freeway tooling and Minster presses.

"I wanted a PLC and a touch screen in one package. It was easier to get the entire package from the press builder," Borck said. "Besides, we learned this entire press control in 20 minutes."

The PMC is now offered as standard product on Minster's P2, P2H, E2, and PM3 press lines.

Specializing in flat metal stampings, the Freeway Corporation is headquartered in Cleveland, Ohio. Primary products include washers, precision stampings and assemblies, and semi-precision ball bearing assemblies.

"The Minster presses are well suited for a job shop like ours," Mastalski said. "We have a variety of jobs to consider, like blanking, forming, coining and drawing. Both the Minster Series P2 and E2 presses are well suited for any of these applications."

Besides versatility, Mastalski said he has been impressed by the durability of the Minster presses.

"The longevity of the presses is really the most impressive feature," he said. "Most of the Minster presses you see in our plant are 20 and 30 years-old and they're still running 20 hours a day. You just can't beat the longevity of them. And with very

little maintenance really. Over the years those presses have run without a lot of problems."

Freeway capitalizes on the knowledge and experience of The Minster Machine Company, which has been in business for 102 years.

"The engineering and application information we get from Minster is excellent," Mastalski said.

And Freeway has also taken advantage of Minster's recent efforts to establish regional field service offices throughout the world, including in the Cleveland area.

"There's a local Minster guy that we can get in here in one day, and that really works out well," Mastalski said.



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Leo Mastalski
Vice President of Manufacturing
Freeway Corp.

Contact your Minster Distributor for additional information about the PMC. Ask for Bulletin 146A.