

Giuliani system cuts steering yoke cycle times by 30%

An integrated yoke processing system installed at the Mando Corporation in Korea for the production of steering assemblies, has cut machining cycle times by 30%.

([PRWEB](#)) June 1, 2003 -- Giuliani has recently installed an integrated yoke processing system at the Moonmak site of the Mando Corporation (Korea), for the production of steering assemblies for the Korean and US automobile industry.

With 3,292 workers and an expected turnover for 2002 of US\$ 928 million, the Mando Corporation is Korea's leading manufacturer of components for both domestic (Hyundai, Kia, Daewo) and international car makers (GM, Daimler Chrysler).

Thanks to the exclusive Giuliani system, Mando has succeeded in slashing yoke production cycle times by 30%. Furthermore, by operating with an integrated system made up of transfer machine, broaching machine and washer, Mando has eliminated all stocks and intermediate processing stages normally required for semi-finished products.

The transfer machine, featuring a tool wear recovery system, assures a cycle time of only 9 seconds and therefore an operating capacity that is one of the highest on the market. The machine is fed by a 6-axis Fanuc robot, which also unloads the semi-finished components for feeding to the broaching machine that then machines the yoke spline. The entire system is totally automatic, making the constant presence of an operator unnecessary.

The integrated production system assures efficiency standards otherwise unimaginable. Furthermore Mando can now interface with a single supplier rather than with separate suppliers for the transfer and broaching machines thereby reducing the likelihood of technological risks even more.



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