

Press Release

December 27, 2012

New Machining Technology “ProfitMilling” Now Available on Operating System MAPPS IV

The ProfitMilling is a new machining technology for rough cutting developed by DP Technology, and this advanced technology is now available on our operating system MAPPS IV which is mounted on the Mori Seiki machines. The ProfitMilling has been added to the CAM software ESPRIT.

As for pocketing and grooving, it used to take long time to create programs for and machine complex-shaped workpieces, which consequently resulted in short tool life because of a greater load imposed on tools.

The ProfitMilling for an efficient roughing cycle optimizes cutting conditions such as engagement angle, chip load, material removal rate, lateral cutting force and machining speed; and ensures smarter, more efficient tool paths that are optimized to drastically improve productivity.

Now that the CAM software ESPRIT, equipped with the new machining technology, is mounted on our operating system MAPPS IV, we will be able to offer machines with even higher performance to customers.

◆ Features of ProfitMilling mounted on ESPRIT 2013 as standard

- Reduce cycle time by 75%*
- Increase tool life fivefold or longer*
- Shorten programming time
- Reduce energy consumption
- Improve productivity on compact- and medium-size machines drastically.
- Applicable to 2.5-, 3-, 4-, 5-axis roughing cycles

(*Compared to the case with conventional concentric pocketing)

※DP Technology

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Product Introduction: <http://www.dptechnology.com/lang/jp/support/esprit2013.asp>

