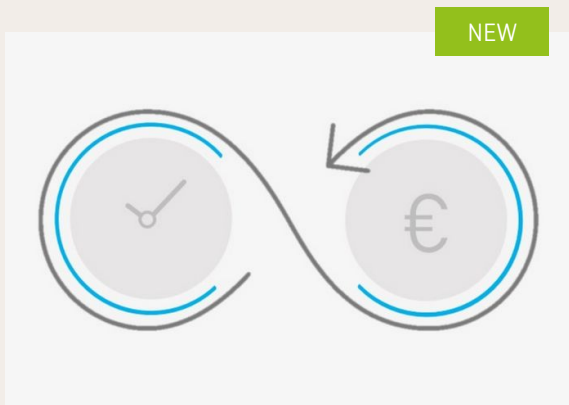# Performance package axis dynamics

Productivity | Performance Increase
Availability | Digitalization

NEW

Series

| C | F | H | HF | MCH | MCH-C |

| MC |

Control

| SIEMENS Solutionline |

The objective of the manufacturer cycle is to optimise the workpiece-specific axis and spindle dynamics which reduces the workpiece machining time. This works via a self-learning function that calculates the optimum acceleration and jerk values of the workpiece-carrying axes in movement during the execution of the machining program as well as the optimum acceleration values of the spindle.

Characteristics

_ Optimisation of axis / spindle acceleration usually completed after 3 – 4 programme runs

_ Acceleration increase limited to a maximum of 200 % of the standard acceleration

Benefits

_ Cycle time optimisation; thus leading to an increased production output

Requirements

_ _ Siemens Solutionline