



TF5290 | TC3 CNC Cutting Plus

TC3 CNC Cutting Plus is a technology package and enhances the CNC functionality for cutting.

Automatic lifting/lowering of an axis (lifts)

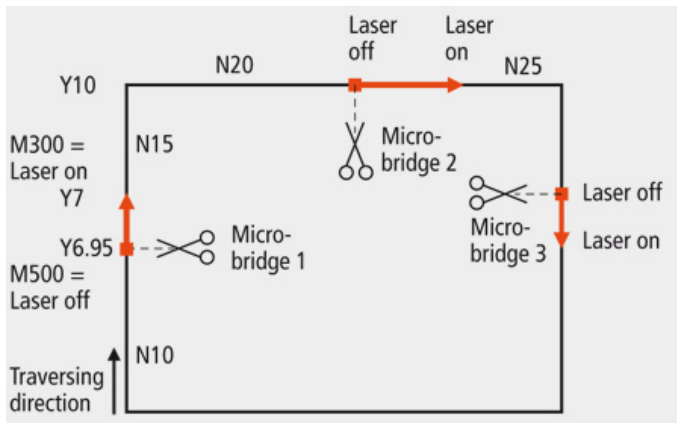
- block-overlapping automatic lifting and lowering of an axis
- to prevent collisions between the tool head and ridges or cut-out parts
- jerk-limited profile without affecting the path speed

Microsteps, fast laser switching signal

- highly accurate output of an M function (1 μ s) at a certain position
- use of time stamps
- supports various types of synchronisation
- parameterisation by configuration of the M functions or programming the M functions via NC programs

Tube transformation

- multi-axis transformation for sheath surface processing
- supports various profiles such as multi-edge pipes and profile pipes
- processing of the programmed contour on the surface of the profile



Technical data	TF5290
Required	TC1270
Target system	Windows 7/8/10

Ordering information	
TF5290-0v50	TC3 CNC Cutting Plus, platform 50 (Performance Plus)
TF5290-0v60	TC3 CNC Cutting Plus, platform 60 (Mid Performance)
TF5290-0v70	TC3 CNC Cutting Plus, platform 70 (High Performance)
TF5290-0v80	TC3 CNC Cutting Plus, platform 80 (Very High Performance)
TF5290-0v81	TC3 CNC Cutting Plus, platform 81 (Many-core 5...8 Cores)
TF5290-0v82	TC3 CNC Cutting Plus, platform 82 (Many-core 9...16 Cores)
TF5290-0v83	TC3 CNC Cutting Plus, platform 83 (Many-core 17...32 Cores)
TF5290-0v84	TC3 CNC Cutting Plus, platform 84 (Many-core 33...64 Cores)
TF5290-0v90	TC3 CNC Cutting Plus, platform 90 (Other)
TF5290-0v91	TC3 CNC Cutting Plus, platform 91 (Other 5...8 Cores)
TF5290-0v92	TC3 CNC Cutting Plus, platform 92 (Other 9...16 Cores)
TF5290-0v93	TC3 CNC Cutting Plus, platform 93 (Other 17...32 Cores)
TF5290-0v94	TC3 CNC Cutting Plus, platform 94 (Other 33...64 Cores)