

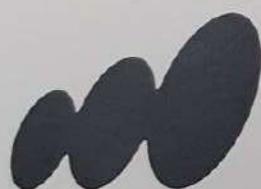
Horizontal Machining Center

H.Plus-405

Matsuura G-Tech 30i

INSTRUCTION MANUAL INSTALLATION

4/12



Matsuura

Matsuura Machinery Corporation
Japan

H.Plus-405-Chain type-INST-CE-01/GT30i

APR/2005

WARNING: This machine is subject to export controls under NSG, Chemical / Biological Weapon Control, MTCR, Wassenaar Arrangement and other international treaties. When exporting this machine, the compliance with regulations set by each member country is necessary.

(3) Interpolation

Positioning	G00
Linear interpolation	G01
Circular interpolation	G02/G03: (CW/CCW)
Helical interpolation	G02/G03: (CW/CCW)
* Spiral / Conical interpolation	Helical interpolation is required
* Hypothetical axis interpolation	G07
* Polar coordinate interpolation	G12.1, G13.1
* Cylindrical interpolation	G07.1
* Exponential interpolation	G02.3/G03.3: (CW/CCW)
* Involute interpolation	G02.2/G03.2: (CW/CCW)
Nano interpolation	(M7) viacem mafonP
* Smooth interpolation	(M5) viacem mafonP
* Nano-smoothing	(M6) viacem mafonP

(4) Feed

Cutting feedrate	F direct command (mm / min or inch / min)
Dwell	G04
Handle feed: 1 set	Manual pulse generator: 1 set 0.001 / 0.01 / 0.1 mm / scale 0.0001 / 0.001 / 0.01 inch / scale
* Handle feed: 2 sets	Manual pulse generator: 2 sets
* Handle feed: 3 sets	Manual pulse generator: 3 sets
Manual feed	Rapid traverse / Jog feedrate
Automatic acceleration / deceleration	Rapid traverse: linear accel. / decel. Cutting feed: exponential accel. / decel.
Linear accel. / decel. after cutting feedrate interpolation	
Bell-shaped accel. / decel. after feed interpolation	
Linear accel. / decel. before cutting feedrate interpolation	
Rapid traverse bell-shaped accel. / decel.	
Bell-shaped accel. / decel. before lookahead interpolation	For AI contour control I / II
* Optimum torque accel. / decel.	