

FANUC Series 31i-MODEL A

POSITION GUIDE /

ACTUAL POS. (GCODE)

X	41.000
Z	-8.000
Y	0.000
C	360.000 R 0.000
E	0.000

DEST TO GO

X	0.000
Z	0.000
Y	0.000
C	0.000
E	0.000

SPINDLE

S	3500
T	0%
HOLD	HIGH
F	8
T	0%

TIME 15:26:26

D	05000
H	000000051
I	5959
S	3500 PR
F	0.100000000
G90	10 40
G54	00 97
G90	69.1 13.1

SIMULATE-estimate

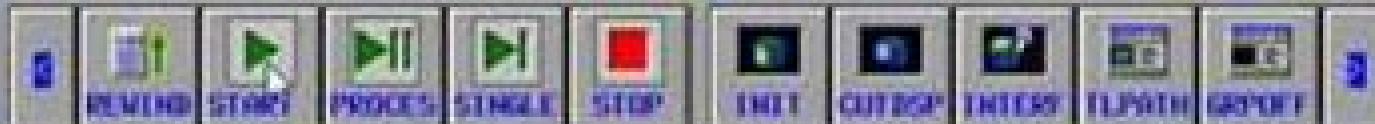


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166 G70 G97 T10000 ;
167 G0 Z-0.0 Y0 M03 S35000 F12 ;
170 G0 X41.0 G0 M28 ;
171 (CYCLE_M00) ;
172 G1111 00.5 R2.11. J20.5 L-6,
    C1. F125. P0.5 Z11. R0.5 S125,
    R0.5 E125. U1.5 U118. X0.451 ;
173 M90 P500 X0.000.0 ;
174 G0 X100.0 ;
175 G28 G0. Y0. M45 ;
176 M28 ;
177 M3 ;

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Cnc Programming Manual

David S. Hayden

Cnc Programming Manual:

CNC Programming Handbook Peter Smid,2003 Comes with a CD ROM packed with a variety of problem solving projects
7 Easy Steps to CNC Programming... a Beginner's Guide David S. Hayden,2003 **CNC Programming Handbook**

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Overby,2010-10-21 A Practical Guide to CNC Machining Get a thorough explanation of the entire CNC process from start to finish including the various machines and their uses and the necessary software and tools CNC Machining Handbook describes the steps involved in building a CNC machine to custom specifications and successfully implementing it in a real world application Helpful photos and illustrations are featured throughout Whether you're a student hobbyist or business owner looking to move from a manual manufacturing process to the accuracy and repeatability of what CNC has to offer you'll benefit from the in depth information in this comprehensive resource CNC Machining Handbook covers Common types of home and shop based CNC controlled applications Linear motion guide systems Transmission systems Stepper and servo motors Controller hardware Cartesian coordinate system CAD computer aided drafting and CAM computer aided

manufacturing software Overview of G code language Ready made CNC systems *CNC Programming Techniques* Peter Smid,2006 This practical and very useful resource covers several programming subjects including how to program cams and tapered end mills that are virtually impossible to find anywhere Other more common subjects such as cutter radius offset and thread milling are covered in great depth **CAD/CAM/CIM** P. Radhakrishnan,S. Subramanyan,V. Raju,2008 The

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topics that are addressed in the Turning Center Setup and Operation manual. This text can also be used by people that have some shop experience who are not interested in learning about how turning centers are set up or how production runs are completed.

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