

Spindle 5C**GTS 5C Main Spindle & Collet****\$7,445**Item Number: **326-2000**

GTS 5C Main Spindle & Collet Closer: Gros-ite 5C Spindle with Casting: This is the main spindle used for the GTS27 CNC lathes. This spindle has a center height of 3.587", with a maximum of .0007 forward growth during the warm up period of the spindle. An Air Mizer Inpro seals system is included as a standard feature with this spindle. This feature will offer extended life long after the initial warranty even in the harshest environments. A MicroCentric actuator is factory installed by Gros-ite and balanced to deliver spindle performance of 6,000 RPM. Spindle nose not included as shown in photo.

Misc. Fab Parts**Auto Lube System****\$2,195**Item Number: **333-1000**

Auto Lube System for X & Z Axis. Supplemental auto lubrication system for both the ball screws and linear rails on the CNC table. This electically actuated pump lubrication system is recommended in environments machining in abrasive materials. Standard system for GTxpress and GTS includes rails that are greased for life, and ball screws that require grease twice a year depending on duty cycles.

Programmable**Programmable Cut-Off Tool Y Axis****\$14,950**Item Number: **338-1500**

Same as the standard Cut-Off tool provided on a standard GTS27-FX models of machines. Can be added to a standard GTS27 without other FX features. This unit is a closed loop servo driven device built with precision ground ball screws and linear rail slides. This option is only available with the Fagor 8055 or Fanuc 21i models of CNC controls. Price listed assumes that the machine has one of these controls.

Misc. Mechanical**High Resolution Glass Scale Z Axis****\$1,950**Item Number: **390-1000**

High Resolution Glass Scale Z Axis for the GTS27 or GTxpress lathe. Scale is guaranteed to hold 5 micron accuracy over the entire travel of the axis. (.00019" accuracy)

Misc. Mechanical**High Resolution Glass Scale X Axis****\$2,050**Item Number: **390-1001**

High Resolution Glass Scale X Axis for a GTxpress or GTS27 , or GTS-FX. Scale is guaranteed to hold 5 micron accuracy over the entire travel of the axis. (.00019" accuracy)

Misc. Electrical	Transformer 460 to 220 Volt	\$695
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Item Number: **423-3001**

Transformer for taking a 5hp system from 460v supply to a 208v power source from the manufacturing site. Components are not available for a direct 460v connect. The Yaskawa system requires 208 volt to run at the best possible performance level.

Foot Pedals	Foot Pedal Switch	\$295
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Item Number: **424-1000**

Heavy duty electric foot pedal activated collet. Open (close on release) switch.



Encoders	High Resolution "C" Axis Encoder	\$3,650
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Item Number: **424-4000**

This is a combination 90000-1040 line rotary encoder mounted to the main spindle providing feedback to the CNC control that will increase the machine resolution from .08 to .001.

Additional	Air Tool Installation Kit (Pneumatic)	\$295
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Item Number: **450-1000**

This option is required for the installation of each individually installed air tool motor to a specific machine tool. The option includes an M-Function, air solenoid, air tubes and brass fittings and interface to the specific CNC control to program the added air tool. One of these kits should be ordered for each additional motor that you would like to operate at the same time with each machine.

NSK Astro Kit	Electrical Live Tool Installation Kit	\$295
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Item Number: **450-2000**

Electrical Live Tool Installation Kit: This option is required for the installation of each individually installed electric tool to a specific machine tool. The option includes an M-Function, relay, and interface to the specific CNC control to program the added electric tool. One of these kits should be ordered for each additional motor that you would like to operate at the same time with each machine.

Additional	Additional M-Function W/Solenoid	\$295
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Item Number: **452-2011**

Additional m-function/ Solenoid; This is an additional m-function with the 24 volt power supply added in October of 2000.

Additional	Additional M-Function with Contactor	\$295
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Item Number: **452-2021**

Additional M-Function with Contactor; This option is used with the new 24 volt systems starting in October of 2000.

Misc. Electrical	Light Stack-Up For Machines	\$295
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Item Number: **481-2000**

Light Stack-Up and work completed signal for shop floor. Can be installed on any of the models of CNC that is offered by CMS.

