

CRAFTSMAN CRIBSHEET

G-Code Macro Arithmetic Operators by Controller

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Category	Operator/ Keyword	Meaning	FANUC Macro B	Haas	Okuma	Mitsubishi
Assignment	=	Assign value	Supported	Supported	Supported	Supported
Unary Sign	+ (prefix)	Unary plus	Supported	Supported	Supported	Supported
Unary Sign	- (prefix)	Unary minus	Supported	Supported	Supported	Supported
Arithmetic	+	Addition	Supported	Supported	Supported	Supported
Arithmetic	-	Subtraction	Supported	Supported	Supported	Supported
Arithmetic	*	Multiplication	Supported	Supported	Supported	Supported
Arithmetic	/	Division	Supported	Supported	Supported	Supported
Arithmetic	Varies	Exponent (power)	Not Support- ed Longhand Only X*X	^	Use POW[] function	** (varies by model)
Grouping	[...]	Expression grouping / precedence	Supported	Supported	Supported	Supported
Comment	()	Comments	Supported	Supported	Supported	Supported

Notes: Exact availability can vary by software version and options. Use [...] for expression grouping (Order of Operations), parentheses (...) are comments on most controls. Some controllers require arithmetic operations to be executed inside brackets [].