AutoComp

OVER 25 YEARS OF MACHINE ENHANCEMENT TECHNOLOGY

AutoComp Software:

AUTOMATIC TOOL OFFSETTING

ERROR-FREE TOOLING CONTROL

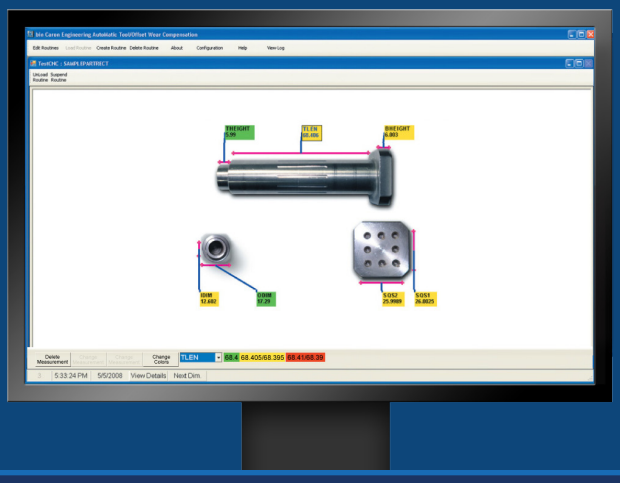
GAUGE DATA PROCESSING

ELIMINATES OPERATOR DATA-ENTRY ERRORS

Any gauging device can provide dimensional measurements and AutoComp calculates the necessary tooling adjustments. Parts may be measured on any type of gauging equipment such as CMMs, Digital Tooling, Gauge Fixtures with LVDTs, Laser Micrometers, Vision Systems and Wireless Gauge Devices. Don't see your device? Caron Engineering can write drivers to retrieve data from nearly any type/brand of electronic measuring equipment.

PARTVIEW MAKES OFFSET STATUS MORE INTUITIVE

PartView enables the importing of a JPG image directly into AutoComp. You can then label the JPG image with each area of the part being measured for deviation. AutoComp's PartView allows the operator to more easily identify which area of the part will be compensated.



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MADE IN THE U.S.A.

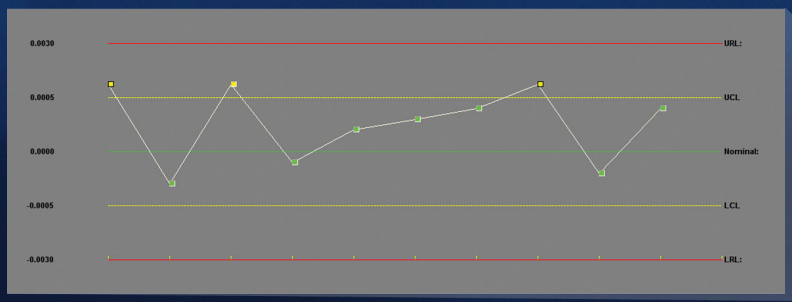
CARON ENGINEERING

AUTOCOMP

OVER 25 YEARS OF MACHINE ENHANCEMENT TECHNOLOGY

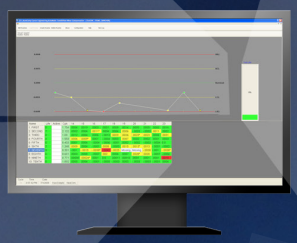
AutoComp software now makes automatic tool offsetting and error-free tooling control a reality...

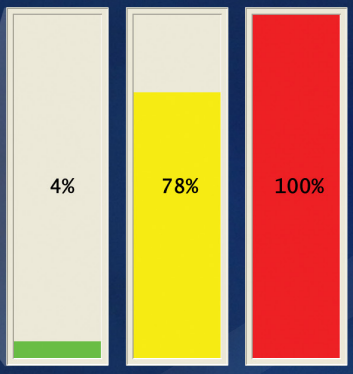
REAL TIME DATA



Name	Life	Active	Cpk	14	15	16	17	18	19	20	21	22	23
1: FIRST	7		1.91	.0003	.0005	-.0002	.0016	.0016	.0001	.0001	-.0002	.0014	.0001
2: SECOND	4		1.962	.0011*	-.0003	.0011	-.0001	.0002	.0003	.0004	.0011*	-.0002	.0004
3: THIRD	100		0.994	.0006	.0023*	.0003	.0031	.0031	.0012*	.0012	.0003	.0026	.0012*
4: FOURTH	0		1.543	.0001	.0002	.0005	.0003	.0003	-.0004	-.0004	.0005	.0007	-.0004
5: FIFTH	0		4.294	-.0004	-.0002	.0004	0.0	0.0	-.0006	-.0006	.0004	.0002	-.0006
6: SIXTH	3		1.283	-.0001	.0013	.0001	-.0002	-.0002	.0008	.0008	.0001	.0015*	.0008
7: SEVENTH	13		0.429	-.0017	-.0038	-.0042*	-.0015	-.001	-.0042	-.0025*	-.001	Missing	Missing
8: EIGHTH	10		0.475	-.0007	.0028	0.0	-.0004	-.0004	.002*	.002	0.0	.0007	.002*
9: NINETH	3		0.462	.0001	.0001	-.00015	.0015*	.0015	0.0	0.0	-.00015	.00016	0.0
10: TENTH	0		1.813	-.0001	-.0003	-.0001	.0004	.0004	-.0005	-.0005	-.0001	.0003	-.0005

PART DATA





TOOL LIFE USED

ACCEPTS PART MEASUREMENTS FROM WIFI GAUGING DEVICES

Wireless data entry allows the operator to measure and simultaneously transmit the data. AutoComp will then automatically compensate tool offsets without tedious manual data input. This feature expedites the data-entry process and virtually eliminates data-entry errors.

MAINTAINS ACCEPTABLE TOLERANCES OF MACHINED PARTS

AutoComp statistically controls your tool offsets to maintain acceptable tolerances of your machined parts by calculating tool compensation based upon tolerance limits and tool compensation limits using a running average.

REPORTS A TOOL CHANGE NEED TO THE OPERATOR

When the tool has been compensated more than a user defined threshold, a wear-limit is issued, informing the operator that the tool needs to be changed. A signal can also be sent to the CNC control so that a redundant tool can be called automatically or the machine can be stopped before the next cycle.

COMPILES AND REPORTS HISTORICAL TOOL WEAR MEASUREMENTS

All measurement and compensation data is saved to a file. The data is date and time stamped for later analysis. The operator also receives real-time status of the useful life for each tool.

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