



Success Story:

Eastman Kodak - Un-repairable H-Series Motors? Not for Elwood High Performance Motors

Elwood Corporation received a call from Eastman Kodak in Rochester NY looking for replacement Giddings & Lewis (G&L) servo motors. A machine at Kodak has 23 axes using motors with the designation G&L(HSM205). The HSM 205 model number represents a motor made by Rockwell Automation/Allen-Bradley for G&L. The Rockwell model number is H-2005-K-H00AA.

Kodak encountered a problem with various motor repair shops. Their two spare motors were declared "un-repairable". Once it was realized that the H-series was obsolete, they became concerned that they would not be able to keep their machine running.

That's when Kodak turned to Elwood High Performance Motors. Elwood informed Kodak of its relationship with Rockwell Automation as an Encompass Partner supplying and repairing H-Series motors. Elwood asked Kodak to send the "un-repairable" motors in for rebuild. After receiving the motors, Elwood's technicians observed that one was actually an S-2005-K-H00AA. The S-Series is an older version of the H-Series. The only difference is an updated encoder. The H and S series can be used interchangeably.

Elwood was able to rebuild the two motors that were declared "un-repairable" upgrading the S-Series motor at the same time. Now, Kodak has the two repaired motors for use as spares which have been built and tested to the original factory specifications and have a new motor one year warranty.

The rebuilt S-2005-K-H00AA and H-2005-K-H00AA motors are performing flawlessly according to Kodak. Running with the rebuilt motors Kodak is experiencing less machine downtime and improved process capability. Going forward, Kodak will continue to cycle-in rebuilt spare motors as need arises sending the failed motors to Elwood for rebuilding.

When Elwood rebuilds a motor, all wear parts are replaced with new original equipment parts and tested to the original specifications. The motor is given a new one year warranty.

As a result of Elwood's dedication to supporting legacy products, Kodak was able to keep the production line moving and saved an expensive retrofit project that would have left them without their machine for a long period of time.



Elwood Rebuilds H-Series Motors Regardless of the Original Manufacturer. (Below is a partial listing of H-Series servo motors available. If you don't see your model, contact Elwood for additional availability.)

H-2005-K-H00AA*	H-4050-P-K00AA	G&L HSM430
H-3007-N-H00AA	H-4050-P-K04AA	G&L HSM460
H-3007-N-H04AA	H-4075-R-H00AA	G&L HSM490
H-3016-N-H00AA	H-4075-R-H04AA	G&L HSM610
H-3016-N-H04AA	H-4075-R-H00AN	G&L HSM620
H-3016-N-K00AA	H-4075-R-H04AN	G&L HSM630
H-3016-N-K04AA	H-6100-Q-H00AA	W-3016-N-H00AA
H-4030-P-H00AA	H-6100-Q-H04AA	W-3016-N-H00AB
H-4030-P-H04AA	H-6200-Q-H00AA	W-4030-M-H00AA
H-4030-P-H00AN	H-6200-Q-H04AA	W-4030-M-H00AB
H-4030-P-H04AN	H-6300-Q-H00AA	W-4030-P-H00AA
H-4030-M-H00AA	H-6300-Q-H04AA	W-4030-P-H00AB
H-4030-M-H04AA	1326AS-B3	W-4050-P-H00AA
H-4030-M-H00AN	1326AS-B4	W-4050-P-H00AB
H-4050-P-H00AA	1326AS-B6	W-4075-R-H00AA
H-4050-P-H04AA	G&L HSM205	W-4075-R-H00AB
H-4050-P-H00AN	G&L HSM307	
H-4050-P-H04AN	G&L HSM320	

*2" motors currently available as rebuilt only