

Biography

Karl Schultz has 35 years of “hands-on” manufacturing experience in both line and staff positions at some of the premier companies such as General Electric, Emerson Electric, Clark Equipment, General Signal, Chrysler, and Cincinnati Milacron. He also has extensive international experience particularly in Europe, Asia, and Mexico. Career has focused in management of operations and manufacturing engineering. Some examples of his electric motor, gear, and drive achievements include:

- Business Manager, Manufacturing Engineering, GE Motors. Responsibility for 20 plants worldwide.
 - reduced cycle time up to 75% with additional improvements in quality and inventory.
 - reduced winding failures from 4 per week to less than 2 per month.
 - lead and conducted lamination best practice session for 50 plant and product engineers.
 - benchmarked international competitors.
 - trained 150 “WorkOut” change agents in process mapping techniques.
 - involved in implementing self managing work teams.
- Division Director, Manufacturing Engineering, U.S. Electrical Motors. Responsibility for 6 plants in U.S. and Mexico.
 - directed division value analysis/cost reduction programs achieving 6 to 10% annual cost of sales reduction.
 - leader of rotor cast manufacturing and engineering special project team.
 - major responsibility for two new product introductions: Unimount electric motor and Torqube worm gear box.
 - project leader for plant consolidations; one was the establishment of a Mexican maquiladora.

Biography (cont.)

- conducted worldwide competitive analysis by visiting 13 competitors and vendors in Europe, Asia, and Canada.
- project leader of 3 plant closures/consolidations.
- co-plant manager of a gear manufacturing plant.

Karl holds a BSME from Western Michigan University. He is a Board member of the Electrical Manufacturing and Coil Winding Association (EMCWA) and a member of the Small Motor Manufacturers Association (SMMA). In 1994, he received the Best Industry Award from the city of Mt. Vernon. He is also an adjunct instructor at the Oregon Institute of Technology.

Other Associate Expertise

- Electric motor, gear, and drive product engineering design and manufacturing. Speciality in electrical and mechanical engineering. Most of career with General Electric and Emerson Electric.
- Manufacturing engineering manager involved in electric motor, gear, and drive products. Strong focus on improvements in quality, productivity, cycle reduction, and cost reduction. Most of career with Emerson Electric.

Some Clients Served

- General Electric
- Marathon Electric
- Baldor Electric
- Peerless-Winsmith
- Phelps Dodge Magnet Wire
- Prestolite Electric
- Kohler Generator
- Emerson Electric

Schultz Associates

Manufacturing/Business Management Consulting

Specializing in Electric Motor, Gear, & Drive Products

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