



Mark R. Webster, P.E., M.S.M.E., M.B.A.

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Curriculum Vitae

Credentials

Marquette University, Milwaukee, WI

- Master of Science, Mechanical Engineering, 1990
 - Specialization: Computer Aided Design of Engineering Systems
- Master of Business Administration (MBA), 2000

Milwaukee School of Engineering, Milwaukee, WI

- Bachelor of Science, Mechanical Engineering Technology, 1983
- Professional Specialization Certificate – Microprocessor Programming
- Professional Specialization Certificate – Computer Aided Analysis

North Central Technical Institute, Wausau, WI

- Associate of Science, Mechanical Design Technology, 1978

Registered Professional Engineer

- State of Wisconsin, 1985 to Present

Board Certified Diplomate Forensic Engineer

- National Academy of Forensic Engineers, 2014 to Present

Current Employment

Vice President of Engineering, Pflow Industries, Inc., 1985 – Present

- Design and manufacture of:
 - Conveyor systems
 - Lifting systems
 - Custom engineered material handling systems
 - Industrial machinery and controls
 - Industry leader in Vertical Reciprocating Conveyors.

ASME Codes & Standards Activity

- Vice Chair, ASME B20.1 “Safety Standards for Conveyors and Related Equipment” committee. Member since 2002.
- Chair, ASME Board on Safety Codes and Standards. Member since 2011.
- Chair, ASME Safety Codes and Standards Awards Committee.
- Member, ASME Task Force on the Review of the “Examples of Use for Mechanical Engineering Students” Brochure

Professional Association Membership

- National Society of Professional Engineers (NSPE)
- Wisconsin Society of Professional Engineers (WSPE)
- American Society of Mechanical Engineers (ASME)
- National Academy of Forensic Engineers (NAFE)
- American Society of Safety Engineers (ASSE)
- American Institute of Steel Construction (AISC)

Forensic and Consulting Experience

- Conveyor design and safety
- Material handling systems
- Material lifts and lifting systems
- Machine design, safety, and failure
- Elevators
- Patents

Continuing Education and Training

- Forensic Engineering Training, Various Topics, National Academy of Forensic Engineers, 2015-2018 (61 hours.)
- SolidWorks Simulation and Motion Software Training, 2014 (16 hours)
- ALGOR (Autodesk) Mechanical Event Simulation Software Training, 2006 (16 hours)

US Patents

5,908,088	Hydraulic Drive (Material Handling Lift)
6,820,295	Support Leg Apparatus (Dock Leveler Safety)
6,896,125	Belt Attachment Method (Material Handling Lift)
7,131,532	Belt Attachment Method (Material Handling Lift)
7,453,358	Shopping Cart Lift with Gated Access (Conveyor Safety)
7,779,992	Shopping Cart Conveyor with Pivoting Lug (Conveyor Drive)
7,931,136	Jam Sensor for Shopping Cart Conveyor (Conveyor Safety)
8,075,237	Multi-Level Vehicle Lift (Automotive Display Lift)
8,328,003	Shopping Cart Conveyor with Gate Assembly (Conveyor Safety)
9,517,845	Moveable Personnel Platform for Unloading a Unit Load Device (Material Handling)

US Patents (cont.)

9,598,242	Moving Work Surface (Conveyor System)
Pending	Interlock Status Monitoring Circuit (Conveyor Safety)
Pending	Method and System for Chain Chordal Action Suppression (Material Handling Lift)

Publications and Presentations

- “Recreational Vehicle Storage Lift”, Elevator World Magazine, March 2003 (Servo-Hydraulic Lift Drive System).
- “An Introduction to Forensic Engineering with Case Studies” presented at the Illinois Society of Professional Engineers’ annual conference, July 19, 2018. Injury case studies involving Dynamic Analysis Software and Aerial Work Platforms.