

The Flory 4840 Electric Elevator Wins a 2025 AE50 Award from ASABE

St. Joseph, Michigan. – The American Society of Agricultural and Biological Engineers (ASABE) has named Flory Industries as a winner of a 2025 AE50 award.

AE50 awards honor the year's most innovative designs in engineering products or systems for the food and agriculture industries. The Flory 4840E will be featured in the January/February 2025 special issue of ASABE's magazine Resource: Engineering & Technology for a Sustainable World. For more details visit www.asabe.org/AE50.

Companies from around the world submit entries to the annual AE50 competition and up to 50 of the best products are chosen by a panel of international engineering experts. The judges select innovative products that will best advance engineering for the food and agriculture industries.

The AE50 awards program emphasizes the role of new products and systems in bringing advanced technology to the marketplace. These engineering developments help farmers, food processors and equipment manufacturers increase efficiency, enhance quality, improve safety, and increase profits.

Resource, a magazine geared to agricultural, biological and food system engineers worldwide, is produced by ASABE. The magazine is read by thousands involved in the agricultural, food and biological industries. Read more at www.asabe.org/Resource.

ASABE is an international scientific and educational organization dedicated to the advancement of engineering applicable to agricultural, food, and biological systems. Further information on the Society can be obtained by visiting www.asabe.org.





The 4840E elevator is the first-ever battery-electric elevator for the nut harvesting industry. The 4840E elevator transports nuts on a conveyor belt from the shuttle to the hopper trailers without the noise and fuel cost of a diesel engine. It includes an industry-first load-sensing feature that reduces the conveyor speed when a reduced crop load is detected. This saves energy and prevents the crop from bouncing out of the conveyor. Current diesel-powered elevators spend over 90% of the day idling. The 4840E electric elevator aims to improve the cost of ownership and the overall component life by delivering power on demand utilizing the Cat® 600-volt battery

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