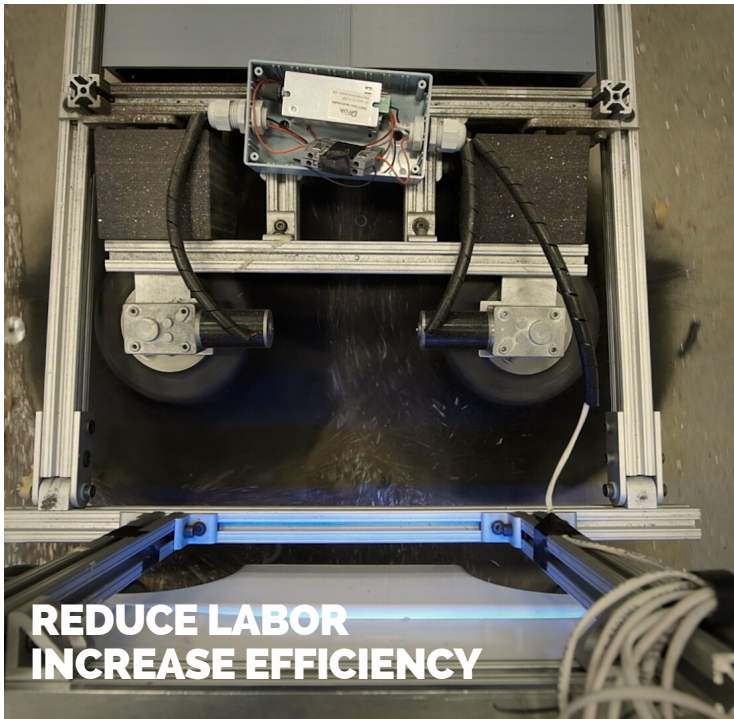


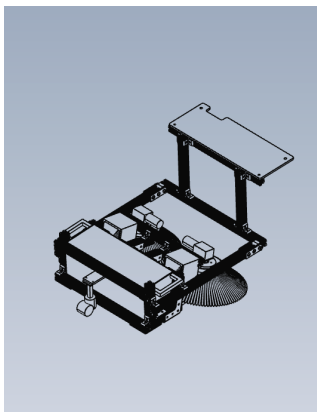
F.O.D. COLLECTOR

Foreign Object Debris Collector

Developed by the National Institute for Aviation Research



**REDUCE LABOR
INCREASE EFFICIENCY**



MARKET

US manufacturing industry could face a 2 million worker shortage over the next decade - Deloitte

19,190 warehouses in the U.S. as of 2020, expected to reach 180,000 worldwide by 2025

Labor turnover rates estimated as high as 36% for warehouse workers

F.O.D. Collector can help mitigate labor force turnover

292,825 factories in the US, 84 employ over 1,000 people - American Manufacturing Statistics 2021

Cleaning laborers cost \$27,000/year - US Bureau of Labor Statistics

NFI Industries Inc operates more than 60 million feet of warehouse space and aims to deploy about 1,500 remote-enabled forklifts in the US and Canada over the next 3-5 years - WSJ

WAREHOUSE AND FACTORY CLEANING ATTACHMENT

PURPOSE

Attach to any Autonomous Mobile Robot (AMR) and enhance its capabilities in a cost-effective manner

EDGE

This tech has undergone 2 years of field testing development in partnership between NIAR and an industry-leading international aerospace manufacturer

ADAPTABLE

This technology can be scaled to fit any sized AMR, regardless of function

EXCLUSIVE

THE FOD COLLECTOR IS A **6TH GENERATION** PROTOTYPE WITH A COLLECTION RATE OF **95%**

FUNCTION

Collects dust, dirt, shavings, hardware, and debris up to approximately 4 ounces and 4 inches long

Will not damage any debris

Easy to reclaim valuable hardware and lost items

Significantly reduces potential accidents, injuries, and contamination



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