

Maryland Manufacturing 4.0 Grant Recipients - May 2024

Grantee	Jurisdiction	Awarded	Project
AeroLab	Howard County	25,000	AeroLab will purchase a 5-axis milling machine to produce custom wind tunnels.
AnTrust	Howard County	25,000	AnTrust will purchase a 4-axis CNC machine to produce radio frequency components.
ARMR Systems	Baltimore City	30,711	ARMR Systems will purchase a 3D laser printer to produce extreme tourniquet devices.
Air Techniques International	Baltimore County	28,650	Air Techniques International will purchase a 3D laser printer to produce air filter media testing equipment.
Blue Wave Semiconductors	Howard County	37,500	Blue Wave Semiconductors will purchase a 10kw microwave plasma generator to produce quantum and nanomaterial deposition tools.
Bosley Mouldings	Anne Arundel County	57,000	Bosley Mouldings will purchase three machine tools, including a CNC machine, to produce sustainable custom architectural moldings.
Crooked Crab Brewing Company	Anne Arundel County	28,880	Crooked Crab Brewing Company will purchase a robotic depalletizer to unload brewing supplies.
DifferentRegard	Baltimore City	26,482	DifferentRegard will purchase advanced technology sewing machines to produce custom clothing and apparel.
FutureMakers	Baltimore City	25,000	FutureMakers will purchase a cobot loader/unloader to produce inventor kits for K-6 students.
Fyodor Biotechnologies	Baltimore City	44,000	Fyodor Biotechnologies will purchase a reel-to-reel dispensing system to produce diagnostic test kits for malaria.
Harbor Designs & Manufacturing	Baltimore City	68,400	Harbor Designs & Manufacturing will purchase a robotic arm for production in the Regional Collaborative Manufacturing Center.
Hardguard Group	Baltimore City	33,750	Hardguard Group will purchase a 3D printer to make molds to produce thermoformed plastic automotive moldings.
Holmatro	Baltimore City	45,600	Holmatro will purchase computer interface sensors to produce hydraulic and pneumatic rescue systems.

Maryland Manufacturing 4.0 Grant Recipients - May 2024

Grantee	Jurisdiction	Awarded	Project
Infinite Biomedical Technologies	Baltimore City	38,647	Infinite Biomedical Technologies will purchase enterprise resource software to produce upper limb prosthetic power cell systems.
Manor Hill Farm	Howard County	25,000	Manor Hill Farm will purchase automated process controls to produce farm craft beers.
McCutcheon's Apple Products	Frederick County	40,000	McCutcheon's Apple Products will purchase visioning systems for process and quality control in the production of apple-based food products and beverages.
MF Fire	Baltimore City	28,125	MF Fire will purchase advanced technology Mac Tools to produce clean energy wood burning stoves.
Millenium Microwave	Somerset County	64,250	Millenium Microwave will purchase a laser marker to produce microwave components.
Mouth Party Caramel	Baltimore County	41,250	Mouth Party Caramel will purchase an automated weight machine to produce caramel candies.
N5 Sensors	Montgomery County	25,000	N5 Sensors will purchase design & quality software to produce microscale chemical sensors.
Parker Plastics	Washington County	67,296	Parker Plastics will purchase a visioning system for automatic fine detail painting to produce food and condiment plastic bottles.
Planeform	St. Mary's County	29,647	Planeform will purchase two 3D printers to produce custom sheet metal components.
Precision MicroFab	Anne Arundel County	47,578	Precision MicroFab will purchase an automated motion control system to produce microscopic parts and devices.
Rugged Science	Baltimore County	44,100	Rugged Science will purchase a CNC laser welder to produce ruggedized electronics for aerospace and defense.
Toroid P&H	Wicomico County	38,000	Toroid P&H will purchase four advanced technology machine tools to produce wiring harnesses and cables.

Maryland Manufacturing 4.0 Grant Recipients - May 2024

Grantee	Jurisdiction	Awarded	Project
Wild Bay	Baltimore City	35,134	Wild Bay will purchase a cobot loader/unloader to produce kombucha based beverages.
26 Awards		1,000,000	