

# C12 Robotics – Executive Summary

C12 Robotics is establishing the first vertically integrated U.S.-based humanoid robotics factory. The company's core innovations include modular humanoids that can operate existing equipment, simulation-first AI training, and robots building robots. The business model combines commercial, defense, and medical markets with phased scaling.

## Market Overview

Industrial	\$31B TAM (Warehousing, Logistics, Manufacturing)
Agriculture	\$47B global opportunity, 30% equipment underutilized
Defense/DoD	\$1B+ autonomy budget by FY2026, NDAA-driven demand
Medical/Public	\$22B by 2030 (hospital logistics, care support)

## Financial Highlights (Years 1–5)

Year	Units	Revenue (\$M)	Gross Margin	Net Margin
1	50	5.4	45%	-75%
2	500	55	48%	-20%
3	2,500	280	52%	10%
4	5,000	620	54%	18%
5	25,000	1,920	55%	24%

## Seed Investment Overview

C12 Robotics is raising \$5M Seed funding to complete prototype builds, establish the Texas R&D; facility, and execute two paid enterprise pilots. Funds will be allocated as follows:

- 40% Engineering and Talent
- 30% Prototype Build and Integration
- 20% Simulation & AI Development
- 10% Legal/IP/Compliance

## Compliance and Strategic Advantage

- Full NDAA compliance roadmap – transition from Unitree G1 (commercial use) to fully U.S.-sourced production within 36 months.
- ISO 13485 certification pursued for hospital-safe humanoids.
- ISO 9001 for manufacturing readiness and RIA safety compliance underway.

## Vision Statement

C12 Robotics is building the backbone of American humanoid manufacturing — combining scalable, compliant production with real-world utility across industries, defense, and healthcare.