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# HUMN

Roundhill Humanoid Robotics ETF

Investment Case | 2025



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Investors should consider the investment objectives, risk, charges and expenses carefully before investing. For a prospectus or summary prospectus with this and other information about the HUMN ETF please call 1-877-220-7649 or visit the website at [www.roundhillinvestments.com/etf/humn/](http://www.roundhillinvestments.com/etf/humn/) .

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# Humanoid Robotics Overview

## Humanoid Robotics: Next Frontier

- Cutting-edge convergence of AI, mechatronics, and human–machine interaction
- Designed to emulate human form, movement, and decision-making
- Built for real-world environments (hospitals, warehouses, retail, homes) — beyond factory floors
- Equipped with advanced AI, vision, natural language, and dexterous mobility
- Increasingly capable of performing complex, human-like tasks

## Transformative Potential in Industries:

- Healthcare (surgical assistants, elder care)
- Logistics and Warehousing
- Retail and Customer Service
- Manufacturing and Assembly
- Disaster Response
- Security and Military

# Humanoid Robotics Use Cases

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## Expanding Applications

- **Healthcare:** physical therapy, patient monitoring, surgical assistance
- **Logistics:** warehouse automation, augmentation of human labor
- **Retail & Hospitality:** customer service, inventory management, concierge support
- **Defense & Emergency Response:** operational utility in high-risk scenarios
- **Elder Care:** support combining utility with human-like interaction

## Key Drivers of Adoption

- Structural labor shortages and demographic shifts
- Rapid advances in artificial intelligence
- Growing ability to perceive, navigate, and respond to complex environments

## Commercialization & Innovation

- Unlocking new efficiencies in human-dominated roles
- Leading innovators (Tesla, UBTech, Shenzhen Dobot) accelerating deployment
- Market approaching a pivotal commercialization inflection point



## Why It Matters



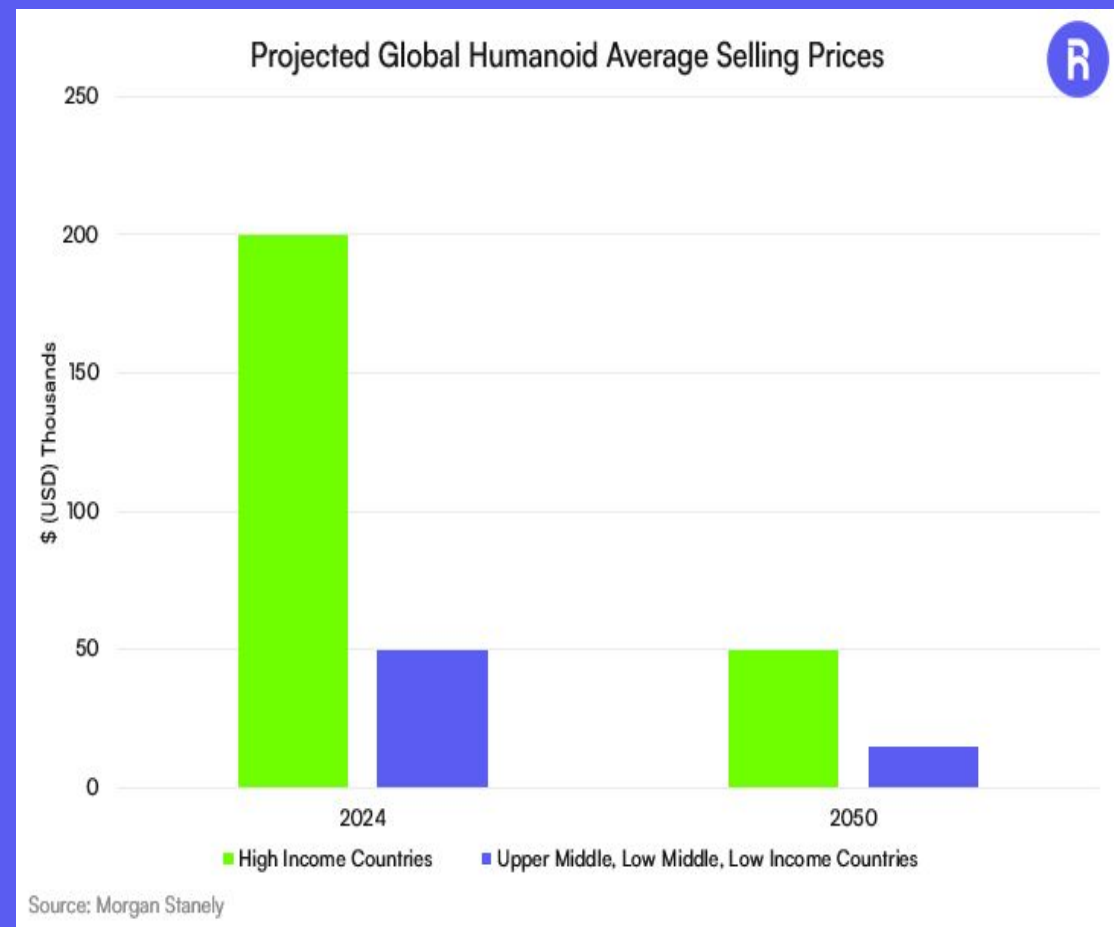
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- **Labor Force Transformation:** With growing labor shortages, aging populations, and rising costs, humanoid robotics presents a scalable solution for augmenting and, in some cases, replacing repetitive or physically demanding jobs.
- **AI Convergence:** As AI models continue to improve in perception, planning, and interaction, they are unlocking new use cases for robotics in unstructured environments.
- **Real-World Readiness:** What was once science fiction is becoming operational reality — companies like Tesla, Figure, and Sanctuary AI are actively prototyping and deploying humanoid robots in commercial contexts.

## Market Opportunity: Economic Impact

Humanoid robotics is emerging as a powerful driver of long-term economic transformation. Structural factors such as aging populations, labor shortages, and rising operational costs are fueling the demand for scalable solutions that augment or replace repetitive, physically demanding roles.

Global market projections reflect this momentum, with research suggesting the humanoid robotics sector could expand more than tenfold over the next decade (Source: IDTechEx). This growth is underpinned by advances in AI, hardware, and human–robot interaction, positioning humanoid systems to unlock productivity gains and reshape workforce dynamics worldwide.

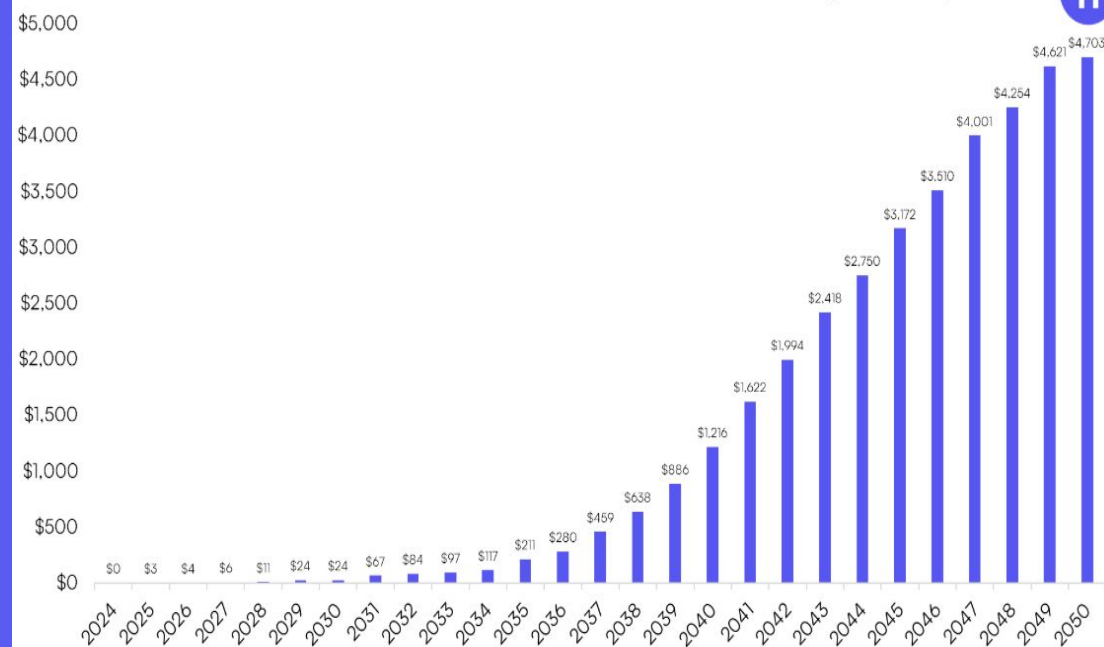


## Market Opportunity: Rapid Adoption

Adoption of humanoid robotics is accelerating across industries such as healthcare, logistics, retail, defense, and elder care. Advances in AI, mobility, and perception are enabling a rapid shift from prototypes to real-world deployments. Long-term industry research suggests humanoid robots could evolve into a multi-trillion-dollar ecosystem with widespread adoption, as shown in the projected revenue growth chart.

This trajectory is fueled by structural drivers including shrinking working-age populations, declining AI compute costs, and the advantage of bipedal form factors that integrate seamlessly with existing infrastructure. Meanwhile, HUMN portfolio companies like Tesla, UBTech, and Shenzhen Dobot are advancing humanoid platforms through active pilots, underscoring the accelerating path toward commercialization.

Annual Global Humanoid Robot Estimated Revenue (\$ Billions)



Source: Morgan Stanley Research





# Introducing **HUMN** The Roundhill Humanoid Robotic ETF

## 3 Reasons to consider HUMN ETF:

### Emerging Market Opportunity

Projected Total Addressable Market (TAM) for humanoid robotics is expected to reach ~\$38B by 2035, according to Goldman Sachs.

### AI + Automation Convergence

Humanoid robots represent a unique intersection of artificial intelligence and robotics, enabling real-world task execution across industries.








### Early Adoption is Underway

Companies like Tesla, Shenzhen Dobot, and UBTech are already piloting humanoid robots in logistics, manufacturing, and services.

Ticker	Primary Exchange	Inception Date	Expense Ratio	CUSIP
HUMN	Cboe BZX	06/26/2025	0.75%	77926X650

## Top 10 of Holdings of HUMN



Ticker	Name	Weight
 TSLA	Tesla Inc	9.58%
 NVDA	NVIDIA Corp	7.47%
 9880 HK	UBTech Robotics Corp	6.90%
 2432 HK	Shenzhen Dobot Corp	6.01%
 1810 HK	Xiaomi Corp	5.48%
 XPEV	XPeng Inc	5.45%
 005380 KS	Hyundai Motor Co	5.01%
 277810 KS	Rainbow Robotics	3.89%
 6268 JP	Nabtesco Corp	3.46%
 6324 JP	Harmonic Drive Systems Inc	3.46%

Source: Bloomberg. Data as of 8/20/2025. Fund holdings are subject to change.

## Humanoid Robotics Companies Risk

The Fund invests in Humanoid Robotics Companies, which may have limited product lines, markets, financial resources, or personnel and are subject to the risks of changes in business cycles, world economic growth, technological progress, and government regulation. These companies are also heavily dependent on intellectual property rights, and challenges to or misappropriation of such rights could have a material adverse effect on such companies. Securities of Humanoid Robotics Companies tend to be more volatile than securities of companies that rely less heavily on technology. Humanoid Robotics Companies typically engage in significant amounts of spending on research and development, and rapid changes to the field could have a material adverse effect on a company's operating results. Additionally, the development and commercialization of fully-functional humanoid robots involve complex and evolving technologies, which may face unforeseen technical challenges, regulatory hurdles, and market acceptance issues. As a result, investments in Humanoid Robotics Companies may be subject to higher levels of risk and volatility.

## Consumer Discretionary Sector Risk

Consumer discretionary companies, such as retailers, media companies and consumer services companies, provide non-essential goods and services. These companies manufacture products and provide discretionary services directly to the consumer, and the success of these companies is tied closely to the performance of the overall domestic and international economy, interest rates, competition and consumer confidence. Success depends heavily on disposable household income and consumer spending. Changes in demographics and consumer tastes can also affect the demand for, and success of, consumer discretionary products in the marketplace.

## Emerging Markets Risk

The Fund's investments in China may be subject to a greater risk of loss than investments in more developed markets. Emerging markets may be more likely to experience inflation, political turmoil and rapid changes in economic conditions than more developed markets. Emerging markets often have less uniformity in accounting and reporting requirements, unreliable securities valuation and greater risk associated with custody of securities.

## Information Technology Companies Risk

Information technology companies face intense competition, both domestically and internationally, which may have an adverse effect on profit margins. Like other technology companies, information technology companies may have limited product lines, markets, financial resources or personnel. The products of information technology companies may face obsolescence due to rapid technological developments, frequent new product introduction, unpredictable changes in growth rates and competition for the services of qualified personnel. Companies in the information technology sector are heavily dependent on patent and intellectual property rights. The loss or impairment of these rights may adversely affect the profitability of these companies. Information technology companies are facing increased government and regulatory scrutiny and may be subject to adverse government or regulatory action.

## Concentration Risk

The Fund is concentrated in the industry or group of industries comprising the industrials, information technology and consumer discretionary sectors, collectively. The Fund may be susceptible to an increased risk of loss, including losses due to adverse events that affect the Fund's investments more than the market as a whole, to the extent that the Fund's investments are concentrated in the securities and/or other assets of a particular issuer or issuers, country, group of countries, region, market, industry, group of industries, sector, market segment or asset class.

## New Fund Risk

The Fund is a recently organized investment company with a limited operating history. As a result, prospective investors have a limited track record or history on which to base their investment decision.

Roundhill Financial Inc. serves as the investment advisor. The Funds are distributed by Foreside Fund Services, LLC which is not affiliated with Roundhill Financial Inc., U.S. Bank, or any of their affiliates.



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For more information:

Website: [roundhillinvestments.com](https://roundhillinvestments.com)

X: @roundhill

LinkedIn: Roundhill Investments