Robo-tricks

Democratizing Industrial Robotics

The Problem

- Industrial robotics is too expensive

- Complex implementation processes

- High expertise requirements

- Limited flexibility

- Expensive maintenance

Our Solution

Robo-tricks: AI-Powered Robot Design & Management

- **Automated Design:** RAG model for optimal configurations
- **Standardized Components:** Modular, plug-and-play parts
- **Full Lifecycle Management:** From design to maintenance
- **Subscription Model:** Hardware-as-a-Service

How It Works

1. **Describe Your Need** → AI generates optimal design

2. **Select Components** → Standard or Pro parts library

3. **We Build & Deploy** → Fully tested and ready

4. **Ongoing Support** → Maintenance and upgrades

Market Opportunity

Total Addressable Market (TAM)

- Global Industrial Robotics: $75B by 2027
- 15% CAGR in automation sector

Our Initial Focus

- SMB Manufacturing ($5M-$50M revenue)
- Warehousing & Logistics
- Estimated Initial Market: $10B

Market Segmentation

```
pie
    title Target Market Distribution (Year 1)
    "SMB Manufacturing" : 45
    "Warehousing & Logistics" : 35
    "Research Institutions" : 12
    "Other Industries" : 8
```

Revenue Growth Projection

```
graph LR
    style Q4_2024 fill:#e6f3ff
    style Q4_2025 fill:#b3d9ff
    style Q4_2026 fill:#80bfff
    Q4_2024[Q4 2024<br/>$2M] --> Q4_2025[Q4 2025<br/>$15M]
    Q4_2025 --> Q4_2026[Q4 2026<br/>$50M]
```

Go-to-Market Strategy

```
graph TD
    A[Market Entry] --> B[Phase 1: Direct Sales]
    A --> C[Phase 2: Channel Partners]
    B --> D[SMB Manufacturing]
    B --> E[Warehousing]
    C --> F[System Integrators]
    C --> G[Industry Consultants]
    style A fill:#f9f,stroke:#333
    style B fill:#bbf,stroke:#333
    style C fill:#bbf,stroke:#333
```

Component Strategy

```
graph TB
    A[Parts Library] --> B[Standard Tier]
    A --> C[Pro Tier]
    B --> D[Basic Components]
    B --> E[Common Parts]
    C --> F[Patented Designs]
    C --> G[Premium Parts]
    style A fill:#f9f,stroke:#333
    style B fill:#bbf,stroke:#333
    style C fill:#fbb,stroke:#333
```

Customer Journey

```
journey
    title Robo-tricks Implementation Process
    section Discovery
      Initial Contact: 5: Customer
      Requirements Gathering: 3: Customer, Sales
      Solution Design: 4: AI System
    section Implementation
      Component Selection: 5: Customer, AI
      Assembly: 4: Robo-tricks
      Deployment: 3: Support
    section Ongoing
      Maintenance: 4: Support
      Upgrades: 5: Support, AI
```

Competitive Advantage

Traditional Robotics

- High upfront costs

- Complex integration

- Limited flexibility

- Expertise required

Robo-tricks

- Pay-as-you-go model

- AI-driven design

- Modular components

- Full lifecycle support

Technology

Proprietary AI Design System

- Custom-trained RAG model

- Optimized component selection

- Automated configuration

- Continuous learning

Patent Strategy

- Core component designs

- Assembly mechanisms

- Control systems

- Integration methods

Business Model

Subscription Tiers

- **Basic:** Standard parts, essential support
- **Professional:** Limited pro parts access
- **Enterprise:** Full pro parts access, priority support

Revenue Streams

- Monthly subscriptions
- Pro parts upgrades
- Maintenance services
- Patent licensing

Traction & Roadmap

Current Status

- RAG model prototype

- Initial patent filings

- Partner discussions

- MVP development

Next 12 Months

- First customer pilots

- Patent portfolio expansion

- Sales team buildout

- Market expansion

Financial Projections

Year 1

- 20 pilot deployments
- $2M revenue target
- Focus on SMB manufacturing

Year 3

- 500+ active subscriptions
- $50M revenue projection
- Multi-industry presence

Team

Leadership

- [Founder & CEO] - Robotics & AI expertise
- [CTO] - Machine Learning specialist
- [COO] - Manufacturing operations

Advisors

- [Industry Expert] - Former robotics executive
- [Technical Advisor] - AI/ML researcher

Investment Ask

Seeking $5M Seed Round

Use of Funds

- Product development (40%)

- Patent filings (20%)

- Team expansion (25%)

- Marketing & Sales (15%)

Thank You

Contact Information

[Contact Details]

Next Steps

- Technical demo

- Customer interviews

- Partnership discussions