

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

Competitive Landscape

Feature	Traditional Integrators	Robo-tricks	Startup Competitors
Deployment Time	6-9 months	3 weeks	2-4 months
Upfront Cost	\$250k+	\$0	\$50k+
Customization	High	High	Limited
Maintenance Included	✗	✓	✗
AI-Driven Design	✗	✓	Partial
Component Standardization	✗	✓	✗

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

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 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

 Component Strategy

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

Technical Roadmap

```
gantt
  title Robo-tricks Development Timeline
  dateFormat YYYY-MM
  section Core Tech
  RAG Model v1.0      :done,    des1, 2025-01, 2025-03
  Component Library   :active,   des2, 2025-04, 2025-07
  Control System v1   :          des3, 2025-08, 2025-10

  section Commercialization
  Pilot Program       :          des4, 2025-06, 2025-09
  ISO Certification   :          des5, 2025-11, 2026-02
  Scale Production    :          des6, 2026-03, 2026-06

  section Milestones
  Seed Round          :milestone, 2025-04, 0d
  First Revenue        :milestone, 2025-08, 0d
```

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