

VECTIS
AUTOMATION®

LET'S FAB
TOGETHER®



BOOST PRODUCTIVITY

WITH TRUSTED, EASY-TO-USE, & POWERFULLY VERSATILE
VECTIS COBOT FABRICATION TOOLS

"With the Vectis, **welding is no longer our bottleneck**"

— Jim Huff, owner, H&H Metals - 5x productivity increase

"From 70min manual to 8min with the Vectis - an **8.5x productivity boost**. What you have for a team is special."

— Kevin Wormwood, Plant Manager, D&G Machine

"We were cutting shrink wrap in the morning and **in production by the afternoon.**"

— Travis Jordan, President, MT Solar

"**We tripled production** by leveraging the Vectis Cobot Welding Tool."

— Josh Rudkin, Owner, RCI Metalworks

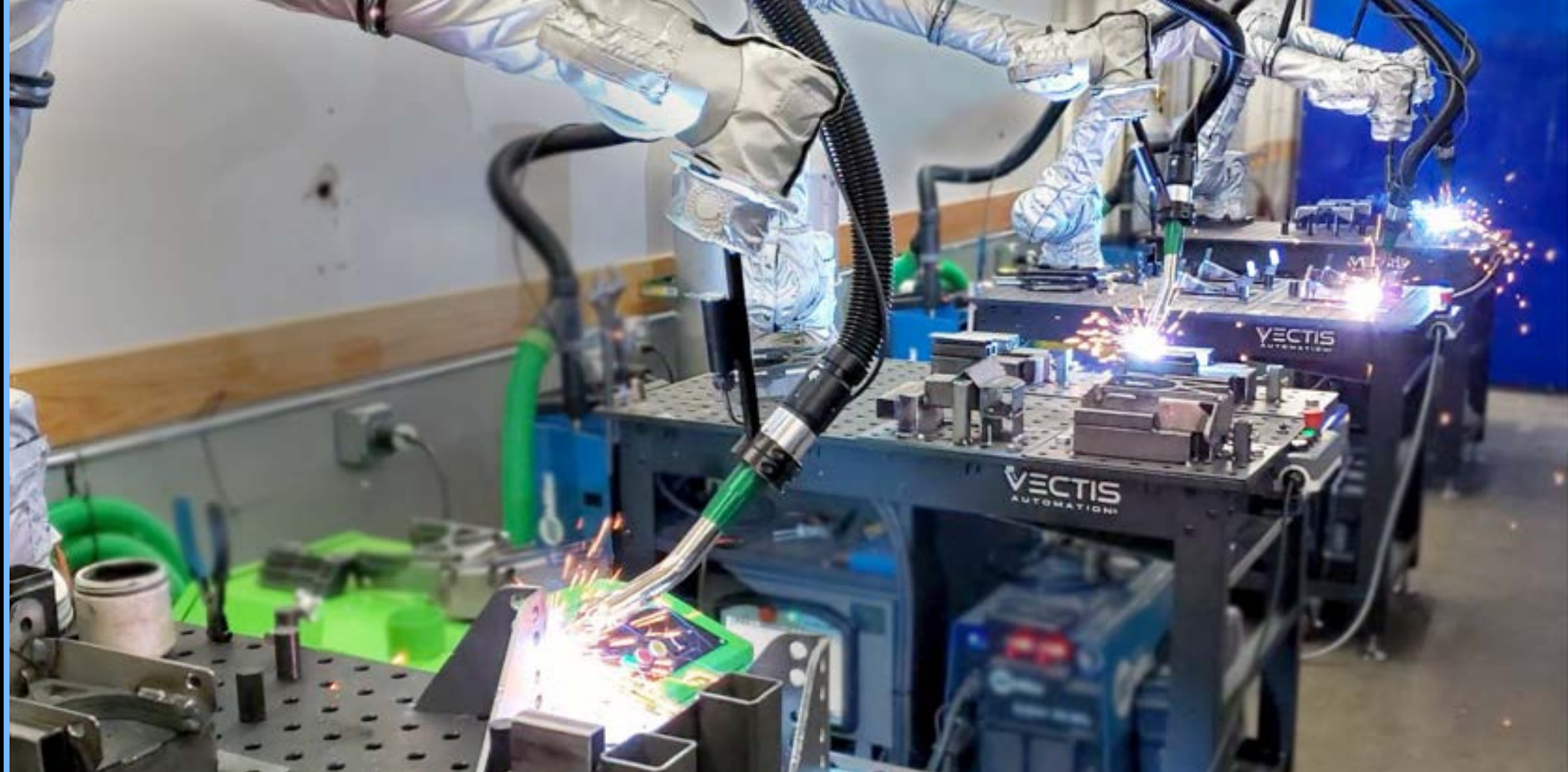
"The Vectis tool is wonderful, **helps me with the mundane.**"

"I finish a batch 2-4x faster with it."

— Jason and Cameron - welders using the Vectis system

"23 years in manufacturing, this is the first system I've purchased that **worked 100% as advertised right out of the box.**"

— Jeff McGuire, Laser Precision, owner of 5 Vectis tools



“Vec·tis” / 'vek(t)əs / Latin:
A lever, leverage



With the American Welding Society estimating a shortage of 360,000 welders by 2027...
We know you need more leverage!

Vectis Automation empowers you with easy-to-use Cobot Fabrication Tools, providing leverage to boost productivity in your fab shop. It's welding & cutting automation for less cost, less risk, and less setup time than ever before.

With **200+ years** of combined experience in the robotic fabrication industry, the **VECTIS** team is known for its delivery of **substance** and **results**.

*But don't just take our word for it.
Here's what **hundreds** of Vectis customers have to say:*

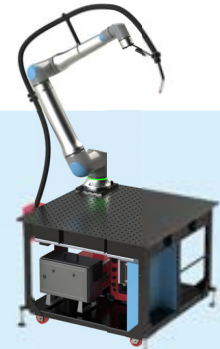
"How likely are you to recommend Vectis to a friend or colleague?"	9.4/10	
"How would you rate Vectis during the upfront sales/application process ?"	9.7/10	
"How would you rate Vectis' post-sales support & responsiveness ?"	9.6/10	



THE RIGHT TOOL FOR THE JOB



Standard Duty
Air-Cooled



Heavy Duty
Water-Cooled



Push-Pull
Aluminum Welder



Plasma Cutting
3D Shape Cutter



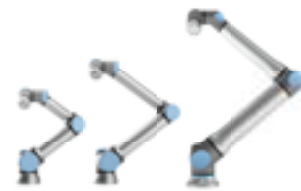
Revo™
Part Positioning Systems

Versatile Work-To-Cobot Configurations

Compatible with common equipment brands



Easy Yet Powerful Software



Multiple Cobot Lengths

Vectis Advantages

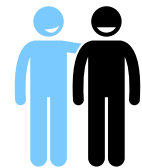
QuickTeach™
Pattern Tool
ArcPilot™ Seam Tracking
Touch Sensing
Fume Extraction
AI Path Optimization

Revo™ Positioners
Weld Development
Stitch Tool
Angle Align Tool
MultiPass
Fixture Design & Build

...and always innovating more!



Trusted Track Record. 600+ Systems Deployed



Focused Expert Support



Boom
Remote Mounting



Park'N'Arc™
Rotational Range Extender



Rover™
Remote Fabrication System

Boundless Cobot-To-Work Deployments

VECTIS VALUE & PEACE-OF-MIND



Proven Track Record

30-day Money Back Guarantee
"Try Before You Buy" rent-to-own program
94% customer recommendation rating
600+ successful deployments



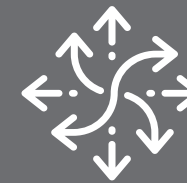
Boost Productivity

3-4X typical throughput increase
Attract & retain Cobot Champion talent
25-50% less cost than traditional cells
Reduce/eliminate post-weld grinding



Crazy Easy-to-Use

No programming experience needed
Make your first weld/cut within 10 minutes
Powerful software features made easy
No subscription fees



Portable & Versatile

Compact, mobile footprints
Tool-like flexibility
Quick setup allows for batch variety



Powerful & Robust Features

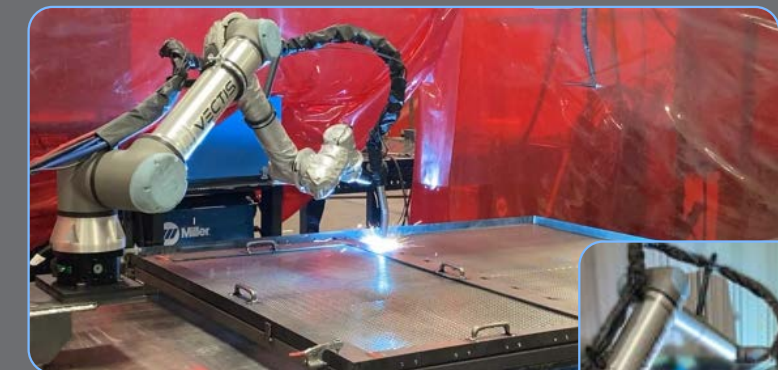
Highest-functionality system on market
Broad portfolio for various application needs
Industry-leading UR cobot



Support from Dedicated Experts

No-cost upfront application evaluations
Domain knowledge from 200+ years experience
Focused product line = focused support

SYSTEM VERSATILITY



VECTIS PRICING SPECTRUM

The majority of our Cobot Welding & Cutting Tools cost \$95k-\$140k all-in.

Most of our customers report a **payback in 2 years or less**; while also enabling business growth by **boosting productivity 3-4x.**

EVERY SYSTEM INCLUDES:



Lifetime Software License



Peace of Mind

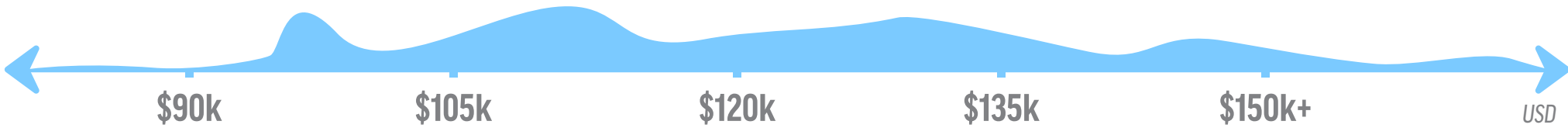


Expert Support



Free Shipping (in CONUS)

% OF SYSTEMS



COMMON CONFIGS



ROBOT TYPE

UR5E *EDU*

UR10E *standard-reach*

UR20 *long-reach*

EQUIPMENT PACKAGE

Std. Duty Air Cooled

Heavy Duty Water Cooled

Push-Pull for Aluminum

Plasma Cutting

DEPLOYMENT METHOD

No Cart

Grid-Top Carts (Std, XL)

Vectis Proprietary Designs: *Park'NArc™, Rover™, Dual-Fab™, Boom, Revo™*

OPTIONS

Base System

Features: *AutoTCP, Seam Tracking, MultiPass, Positioners, Fume Extraction*

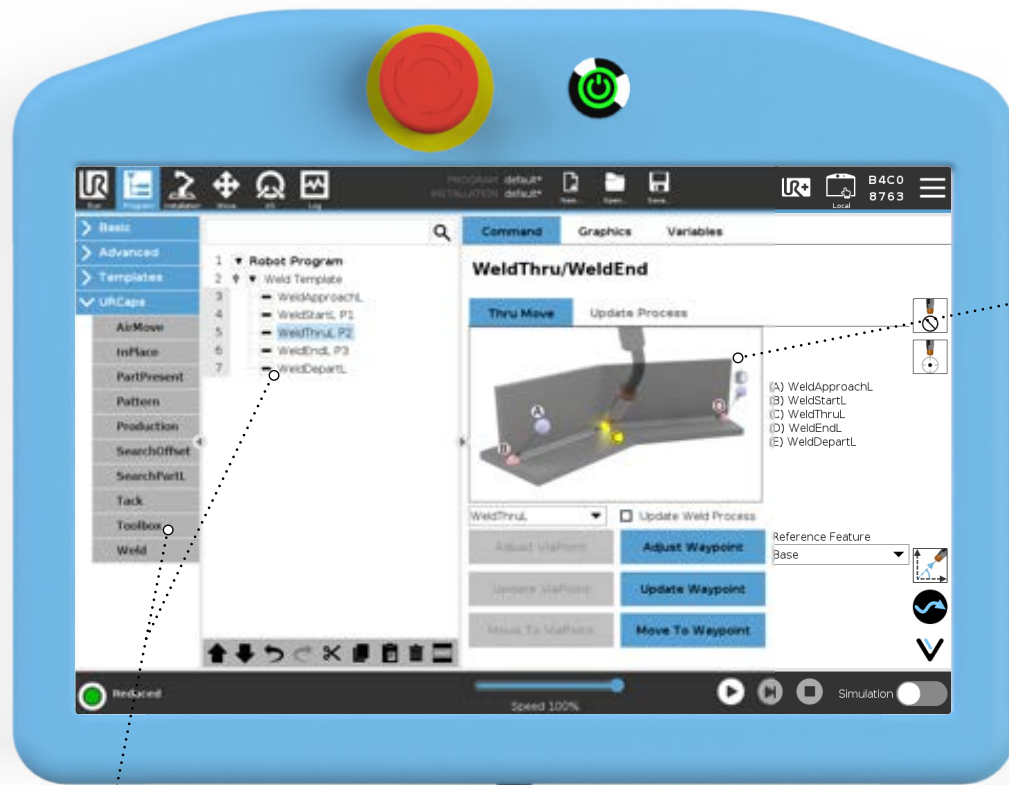
Custom Fixturing

Turnkey / Fully Loaded

**Pricing examples do not include sales/VAT taxes*

**Pricing examples are budgetary estimates for domestic U.S. shipments, and may vary by country.*

FAST & INTUITIVE PROGRAMMING



Simple Program Creation

Create your program by simply chaining easy-to-read instructions together.

Visual Context

Graphics provide the programmer with valuable context **right on the pendant**. No need to program with an instruction manual in hand!



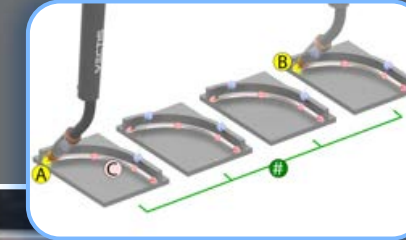
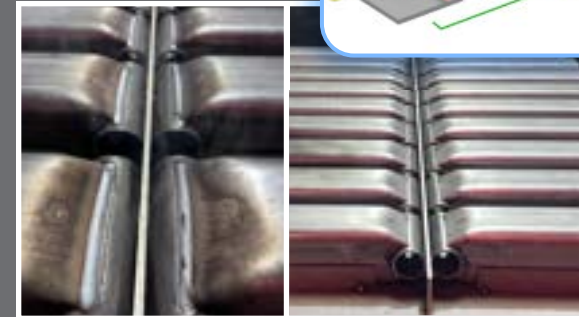
Utilize Baseline Weld Templates

Save time by using these templates as a starting point, then refining to the requirements of your application.

Control Weld & Weave Parameters

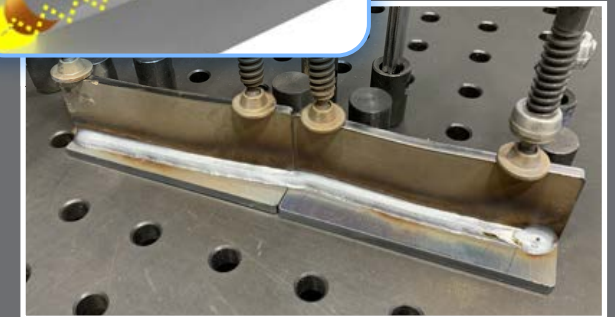
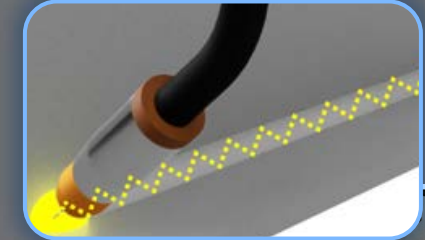
TIME-SAVING SOFTWARE FEATURES

PATTERN



VECTIS ARCPILOT™

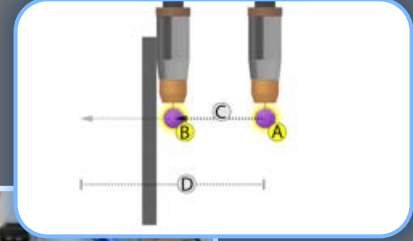
Through-The-Arc Seam Tracking



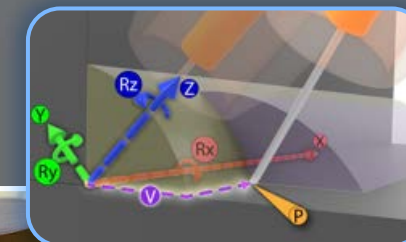
VECTIS QUICKTEACH™



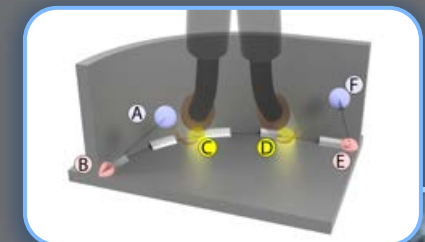
TOUCH SENSE



MULTIPASS

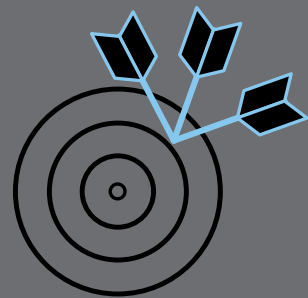


STITCH



*“Yeah, you’re preaching to the choir here about my challenges. **But how do I know if automation will actually work for my applications & business?**”*

We’re here to help you answer this because we want to empower your success. Below are some general themes, but every part is unique - **contact us for a no-cost in-dept Application Evaluation.**



1. CONSISTENCY IS KING

Automation thrives on consistency: of parts, fixturing, joint cross-section, material condition, consumables condition, etc. Repeatability is more important than accuracy because automation is programmed on a “master part” and then simply repeated by the arm in production. If the part location or weld conditions change, the arm does not inherently know – which may cause a degradation in quality.

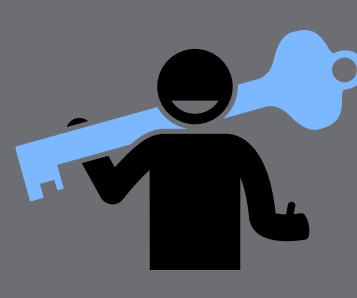
Some adapting technologies exist, but their use is limited to certain scenarios. They also tend to add cycle time, cost, and complexity. The best way to manage inconsistencies is to improve upstream processes!



2. THE LOW HANGING FRUIT

While the temptation may be to automate the large, complex parts that create a significant labor drain whenever they go through the shop, we’ve seen the most efficient deployment of automation to be on the smaller, simpler parts. Let automation take care of the repetitive parts, which allows your skilled welders to shift their focus to the skilled weldments. We’ve also seen success in larger parts being broken up into subassemblies. Here are a few common aspects of low-hanging weldments:

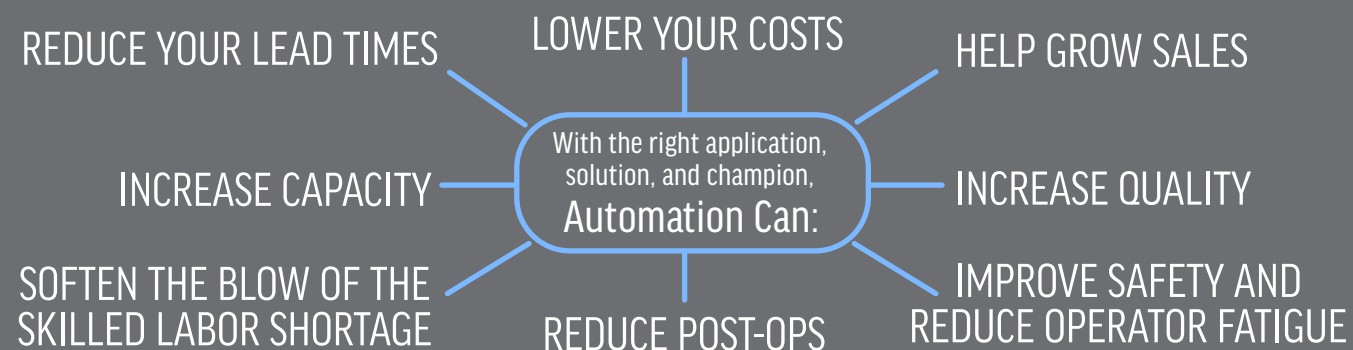
- GMAW (MIG) fillets and bevels
- Steel or Stainless Steel
- A relatively “open” design for torch access
- Parts that don’t require repositioning
- High arc time relative to # of welds



3. THE RIGHT CHAMPION

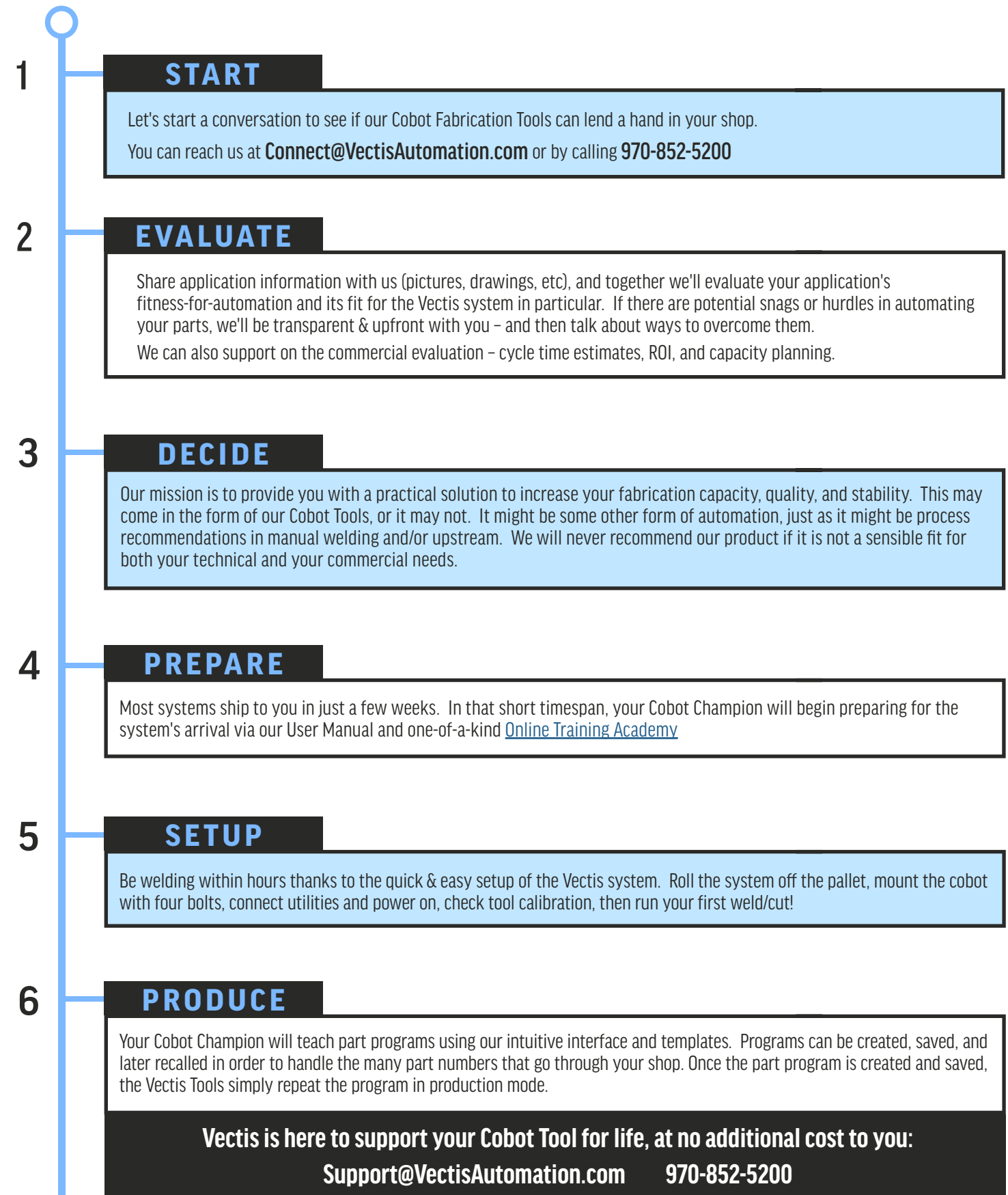
An integrator can provide all the ingredients for success – even go so far as to provide a turnkey solution. But without the right “Automation Champion”, your potential for long-term success is limited.

The best Champions come from all backgrounds, but all have a high sense of ownership and are eager to make it work. Generally speaking, someone with welding knowledge (not necessarily welding dexterity!) and/or a fixturing mentality will pick up the system quicker than a whiz-bang programmer. The programming is easier than honing-in the weld process and figuring out how best to jig-up parts.



THE VECTIS PROCESS

With over 150 years of combined experience in the welding automation industry, we’ve learned the recipe for success. We’re here to help guide you through the process of evaluating and implementing automation.



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Scan for more info, videos, and to get in touch!



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