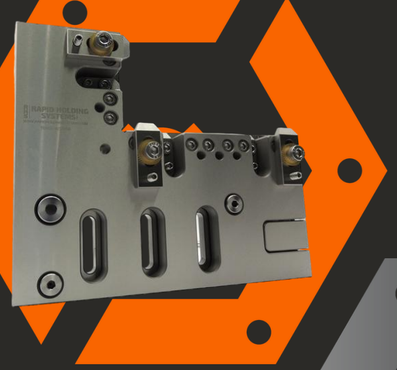
RAPID HOLDING SYSTEMS INC

RAPID HOLDING SYSTEMS

HIGH QUALITY AND AFFORDABLE TOOL

EDM/CNC | WIRE EDM | SELF-CENTERING VICES









www.rapidholdingsystems.com
Sales@rapidholdingsystems.com

+1 519 999 9723

Precision Machining Starts Before the Cut

Every tolerance, every cycle time, every part quality outcome begins with one question: how well is the workpiece held?
And yet, many shops are still wrestling with tooling that slows them down rather than setting them up for success.

Sound familiar?

- Setup changes that take 2–3 hours instead of 30 minutes
- Fixtures that don't repeat — so you dial in from scratch every time
- OEM tooling backorders stretching lead times to weeks
- Parts scrapped because the workholding wasn't stable enough
- Incompatible System 3R and EROWA components that won't work together
- Expensive proprietary systems that lock you into one supplier.

These aren't minor inconveniences. They are direct hits to your throughput, your margins, and your delivery commitments.

RHS

Rapid Holding Systems

ENGINEERING PARTNER. NOT JUST A SUPPLIER

Rapid Holding Systems (RHS) designs and supplies precision workholding solutions for CNC, EDM, and Wire EDM manufacturers who can't afford for their tooling to be the bottleneck.

What We Do

We supply precision-compatible workholding: System 3R-compatible, EROWA-compatible, WEDM-specific, and modular CNC fixturing systems.
Our tooling is engineered to perform at the tolerances your shop demands — delivered faster and at lower cost than OEM alternatives.

Why It Matters

Our customers aren't looking for the cheapest tool. They're looking for a solution they can trust: one that repeats, fits their machines, and keeps production moving.
That's what RHS is built for

20+
Years in Precision Tooling

100%
System 3R / EROWA Compatible

2 Year Warranty
Double than any other OEM

No Tariffs
We deliver to your door

100%
Customer Satisfaction guarantee

RHS

Rapid Holding Systems

- Rapid Holding Systems Ltd. has been in business for over 20 years
- Diverse product line to serve Medical, Aerospace, Military, Automotive industry.
- Lead Manufacurer of EDM, Wire EDM and CNC workholding.
- Cost effective supplier, we will work within your budget.
- Online Checkout: Globally
- Global shipping



Trusted by Precision Manufacturers

Rapid Holding Systems (RHS) designs and supplies precision workholding solutions for CNC, EDM, and Wire EDM manufacturers who can't afford for their tooling to be the bottleneck.

Rolls-Royce

windsor mold group

MAKINO

Caltech

MOELLER AEROSPACE

PRATT & WHITNEY DEPENDABLE ENGINES

ADVANCE TURNING & MANUFACTURING

METRIC MOLD

GE Aviation

STAMPEDE DIE & ENGINEERING

MITSUBISHI POWER

merc aerospace

RUTGERS THE STATE UNIVERSITY OF NEW JERSEY

Los Alamos NATIONAL LABORATORY

M.I. INTEGRATION

AIS ACTIVE INDUSTRIAL SOLUTIONS

TOKAI RIKA

PURDUE UNIVERSITY NORTHWEST

SPACEX

AMERICA'S NAVY

University of Dayton Research Institute

RHS

RHS Workholding

What makes RHS different from a general tooling catalog? A unified ecosystem. When your reference system is consistent across every machine type, setups get faster, setups get more accurate, and automation becomes possible

1 SYSTEM 3R EQUIVALENT EDM TOOLING

System 3R Macro, MacroNano, MacroJuior, MacroMagnum, Dynafix

2 EROWA EQUIVALENT EDM TOOLING

- Erowa ITS
- Erowa MTS
- Erowa UPC

3 WIRE EDM TOOLING

Wire EDM, mounting heads, chucks, vises, reference elements, clamping beam

4 VISES

- Self-centering vises
- Flexible vises
- WEDM Vises

5 MODULAR CNC PULL CLAMPING

6 CUSTOM & SPECIALTY SOLUTIONS

7 ROBOTIC END OF ARM WORKHOLDING

HIGH QUALITY AND AFFORDABLE TOOLING

EDM/CNC | WIREEDM | SELF-CENTERING VICES

RHS

SYSTEM 3R COMPATIBLE TOOLING

3R COMPATIBLE CHUCKS - HOLDERS - SELF CENTERING VICES - PROBES - PALLETS - DRAWBARS

Applications

- EDM, CNC machining & automation
- Fast changeovers with excellent repeatability

Compatible Machines

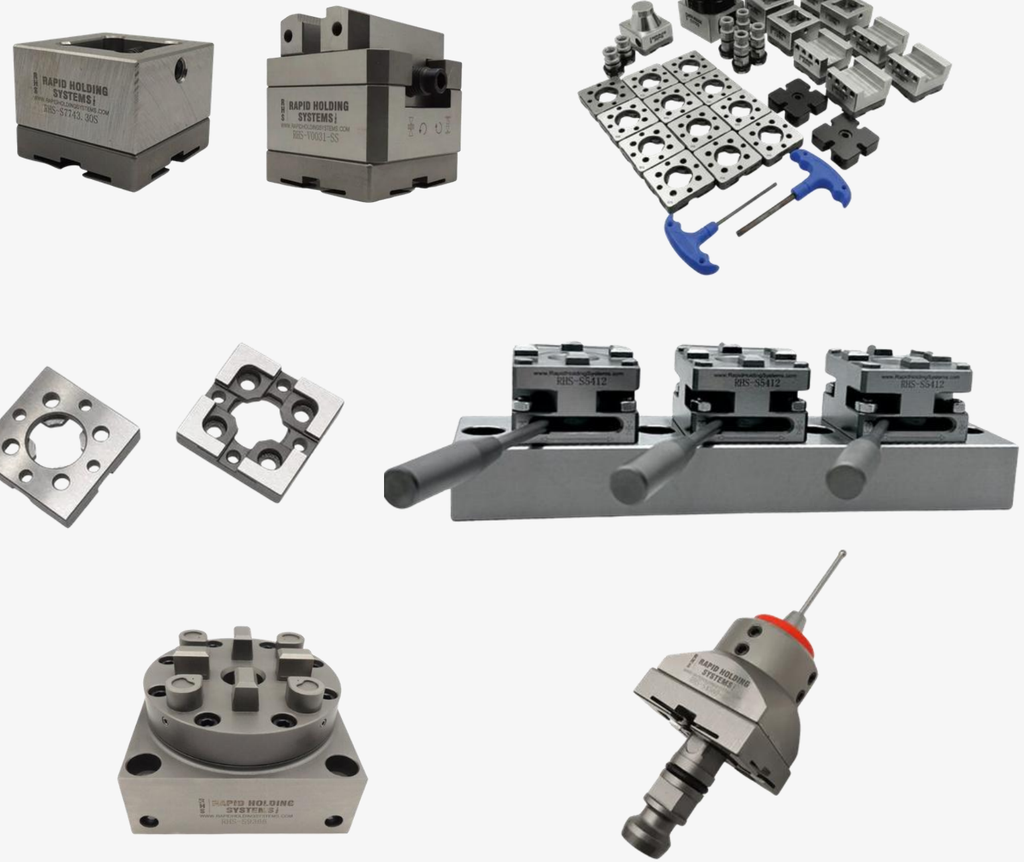
- Sodick, Makino, Mitsubishi, GF AgieCharmilles, FANUC, OPS Ingersoll & other System 3R equipped machines

Typical Industries

- Aerospace • Medical • Mold & Die • Automotive

Compatible Systems

- System 3R Macro
- MacroNano
- MacroJunior
- MacroMagnum



EROWA COMPATIBLE TOOLING

EROWA COMPATIBLE CHUCKS - HOLDERS - ADAPTERS - PROBES - PALLETS - PLATES

EROWA COMPATIBLE TOOLING

Product Range

- ITS, MTS & UPC compatible chucks
- Holders, pallets, adapters, tooling plates & accessories
- Centering tools & reference elements

Applications

- EDM, CNC & automation
- High repeatability and quick setups

Compatible Machines

- Makino, GF, Mitsubishi, Sodick and other EROWA-equipped machines

Typical Industries

- Aerospace • Medical • Mold & Die

Compatible Systems

- ITS • MTS • UPC











RHS Palletization

RHS PALLETIZATION

Product Range

- Precision pallets
- Base plates
- Receiver plates
- Adapter plates

Applications

- Standardize workholding
- Reduce setup time

Compatible Machines

- CNC, EDM, Wire EDM, CMM & Robots

Typical Industries

- Aerospace • Medical • Production

Compatible Systems

- System 3R • EROWA





WIRE EDM TOOLING

WIRE EDM VISES - USER KITS - 3RULERS - DOVETAILS - CHUCKS/MOUNTING HEADS

WIRE EDM TOOLING

Product Range

- WEDM vises
- User kits
- 3Rulers
- Mounting heads
- Chucks & dovetails

Applications

- Precision Wire EDM workholding
- Excellent part access

Compatible Machines

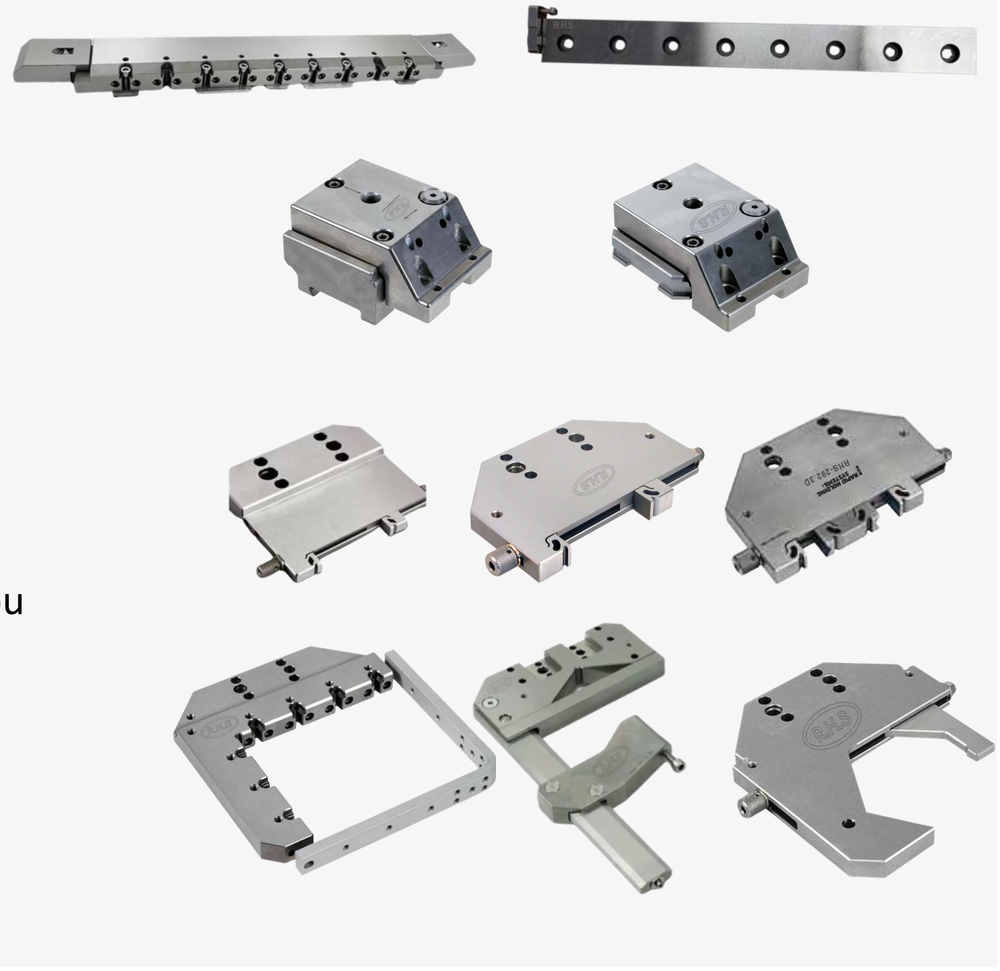
- Sodick, Mitsubishi, Makino, FANUC, GF, Accutex, Seibu

Typical Industries

- Tool & Die • Medical • Aerospace

Compatible Systems

- System 3R • EROWA



https://youtu.be/rh5xpDYXUXw
https://youtu.be/I5P02EFbFxs

RHS WEDM CLAMPING BEAMS AND VISES

WEDM CLAMPING BEAMS & VISES

Product Range

- Clamping beams
- Adjustable vises
- Rails & accessories

Applications

- Long & oversized workpieces
- Multi-part production

Compatible Machines

- Sodick, Mitsubishi, Fanuc & many more Wire EDM machines

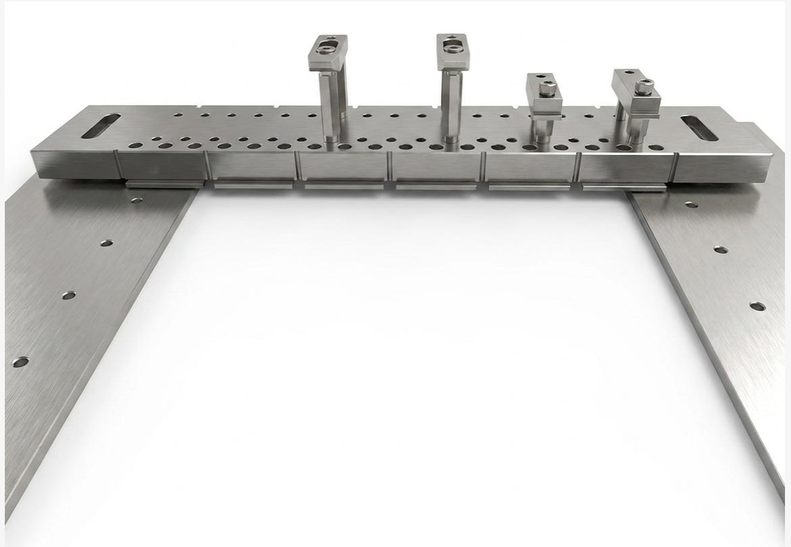
Typical Industries

- Mold & Die • Aerospace • Medical • Defense

Compatible Systems

- System 3R • EROWA





RHS SELF CENTERING VISES

Check out the videos:
https://youtu.be/Bp7cw9oUSS4
https://youtu.be/JSVmMsdtqKQ
https://youtu.be/qbutly4H51M

SELF CENTERING VISES - ZERO POINT BASES - PYRAMIDS & TOMBSTONES

SELF-CENTERING VISES

Product Range

- Self-centering vises
- Zero-point bases
- Tombstones & pyramids

Applications

- 3, 4 & 5-axis CNC machining
- High accuracy positioning

Compatible Machines

- Vertical, Horizontal & 5-axis CNC

Typical Industries

- Aerospace • Medical • Precision • All Industry Manufacturing

Compatible Systems

- Zero-point workholding











Check out the videos:
https://youtu.be/Bp7cw9oUSS4
https://youtu.be/JSVmMsdtqKQ
https://youtu.be/qbutly4H51M

FLEXIBLE CLAMPING VISES

FLEXIBLE CLAMPING VISES

Product Range

- Flexible vises
- Adjustable jaws
- Accessories

Applications

- Irregular workpieces clamping
- Prototype & production
- Laser Marking & measurement
- CMM holding /nesting parts
- Cast parts workholding

Compatible Machines

- CNC machining centers
- CMM

Typical Industries

- General machining

Compatible Systems

- Modular clamping



MODULAR CNC PULL CLAMPS (FCS COMPATIBLE)

Product Range
- Pull clamps
- Pull studs
- Base plates
- Locating modules

Applications
- Fast fixture changes
- Modular fixture building
- Mold & Die

Compatible Machines
- Vertical, Horizontal & 5-axis CNC

Typical Industries
- Production machining

Compatible Systems
- FCS Compatible
- WOW Compatible
- Imao
- Shunk

Check out the videos:
https://www.youtube.com/watch?v=eC0NYXUXZNo





CUSTOM & SPECIALTY SOLUTIONS

CUSTOM & SPECIALTY SOLUTIONS

Product Range

- Custom fixtures
- Special pallets
- OEM replacement components
- One off components, production machining, Production turning

Applications

- Designed from customer drawings
- Solve unique workholding challenges
- Manufacturing Turnkey workholding solutions

Industries

- Aerospace • Medical • Automotive • Defense
- All Industry manufacturing

Compatible Systems

- Built to customer requirements



ROBOTIC END OF ARM TOOLING

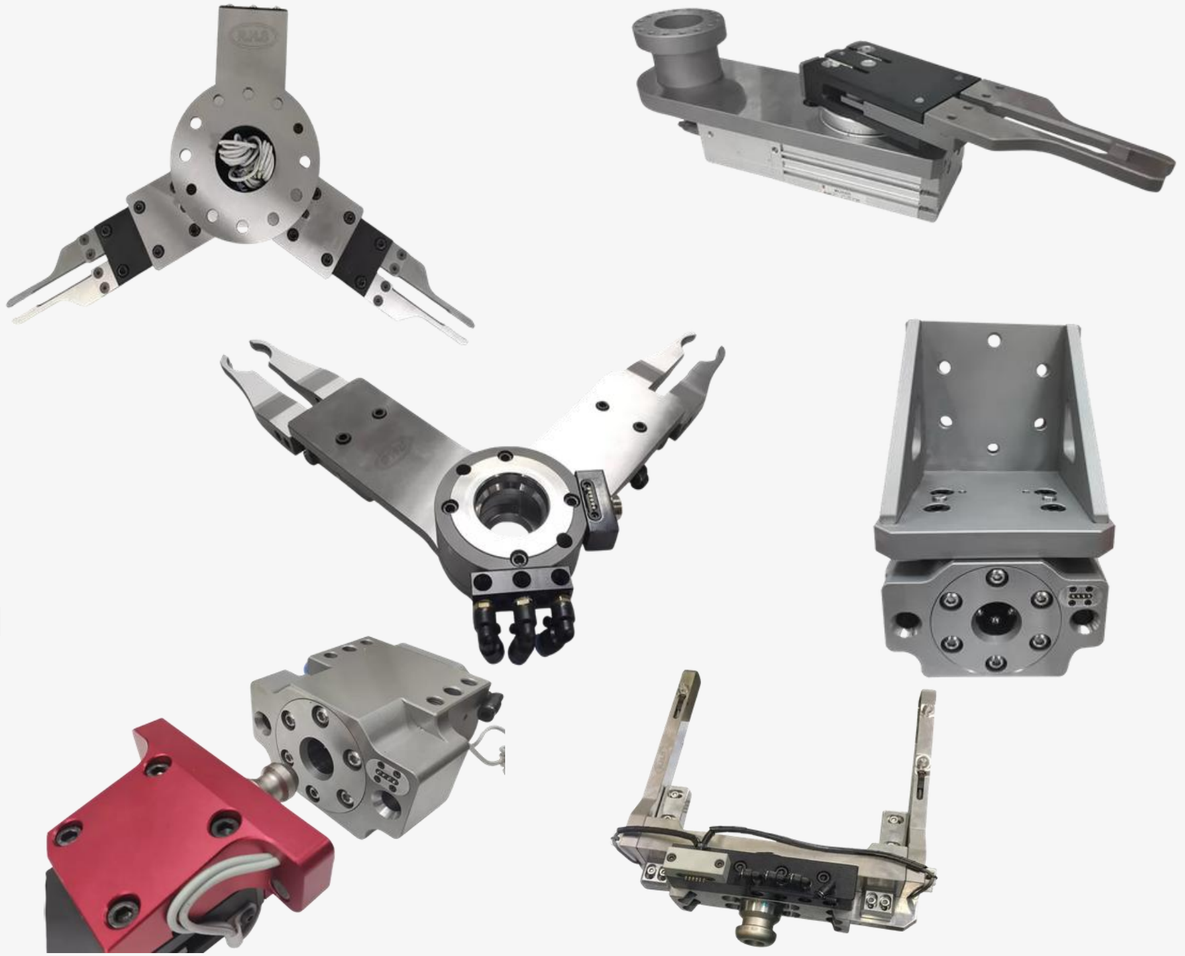
Product Range
- EOAT grippers
- Pallet handling
- Robot interface tooling

Applications
- Automated machine loading
- Lights-out manufacturing

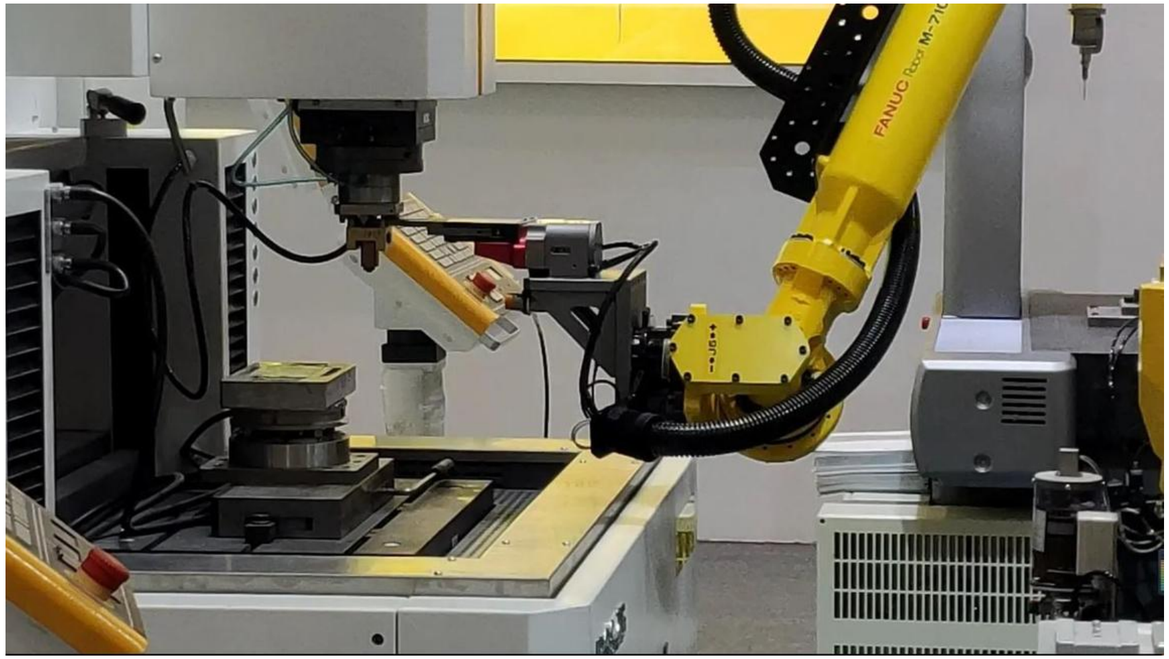
Compatible Robots
- FANUC, ABB, KUKA, Yaskawa, UR

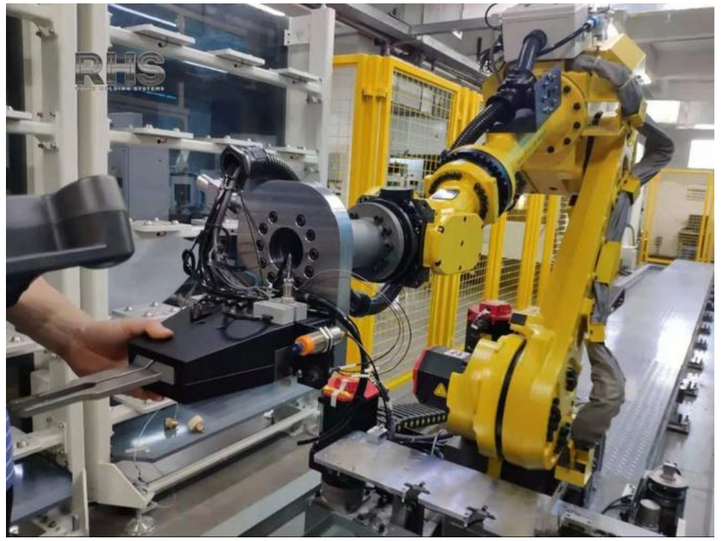
Typical Industries
- Automation • Aerospace • Medical
- All Industrial Manufacturing

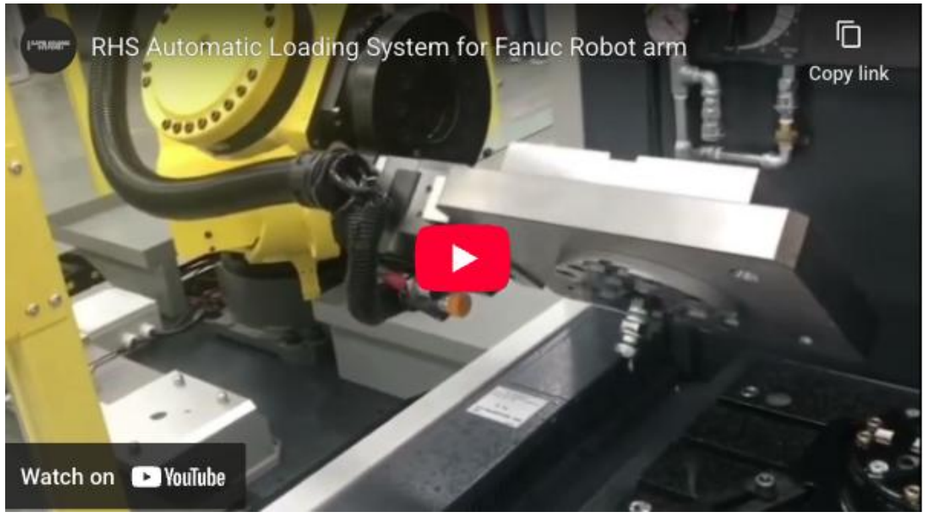
Compatible Systems
- Robot automation cells



LOADING AUTOMATION: ROBOTIC END OF ARM TOOLING







WHAT MAKES ENGINEERS CHOOSE RHS

Proven Compatibility

RHS tooling is engineered to OEM tolerances for System 3R and EROWA systems. No guesswork on fit. No adapters needed to bridge the gap.

Modular by Design

RHS products are designed to expand. Start with a basic chuck system and build toward full pallet automation as your needs grow. Your investment scales with your operation.

Cross-System Flexibility

Many shops run mixed tooling from different eras or different machines. RHS adapter plates let you combine System 3R and EROWA components in one setup — without sacrificing accuracy.

Engineering Support

When you call RHS, you speak with people who understand machining. We'll help you select the right system, troubleshoot a setup, or design a custom solution for a part that doesn't fit any standard fixture.

Affordable Without Compromise

OEM pricing shouldn't be the only option for precision tooling. RHS delivers equivalent precision at a substantially lower cost — backed by a price-match guarantee against authorized resellers.

North American Availability

Lead times are short, customs are predictable, and technical support is in your timezone. No waiting weeks for an international shipment on a critical order.

THREE STEPS TO BETTER WORKHOLDING

01

Share Your Setup

Tell us your machine type, the System 3R or EROWA standard you're working with, and the challenge you're trying to solve. A part drawing helps — even a photo works.

02

Get a Technical Recommendation

We'll identify the right chuck system, vise, pallet configuration, or custom solution for your application — and explain exactly why it will work.

03

Implement and Run

Receive tooling that fits your machine, mounts in minutes, and delivers the repeatability your shop depends on. Start with a single system and expand as you see the results.

READY TO IMPROVE YOUR SETUP?

TALK TO OUR ENGINEERS

11555, County Rd 42 Tecumseh, ON N8N 0H1.Canada
+1-519-999-9723
Sales@rapidholdingsystems.com
www.rapidholdingsystems.com