PAX SYSTEMS™

Production • Assembly • eXecution

Featuring ModTruss® TR3 Modular Structural Systems

MRO Workstations • Manufacturing • Intralogistics Solutions

ModTruss®

AUTHORIZED DISTRIBUTOR

Paschall Enterprises Inc.

VISIT MODTRUSS ›

PAX IMAGINE

MODULAR MRO CONCEPTS

Built for today's task.
Reconfigurable for tomorrow's.

PAX IMAGINE concepts powered by ModTruss use modular, bolted construction. Shelf positions, work areas, and storage arrangements can be reconfigured within the system's connection pattern to accommodate changing operations.

01 Raise, lower, relocate, or remove shelves.

02 Reconfigure work surfaces, storage, and accessories.

03 Reuse components as their needs change.

04 Combine or expand configurations using compatible components and connections.

Explore a configuration for your operation.

PaschallFacilityServices.com

Opportunity@PaschallFacilityServices.com

AI conceptual imagery. Final configurations and connections subject to project-specific review.

© 2026 Paschall Enterprises Inc. / PAX Systems

Why ModTruss vs. Others?

One of the strongest advantages I see in ModTruss is its potential to support generations of changing operational needs. Rather than being limited to one task or layout, the system can be reconfigured and repurposed as your operation evolves.

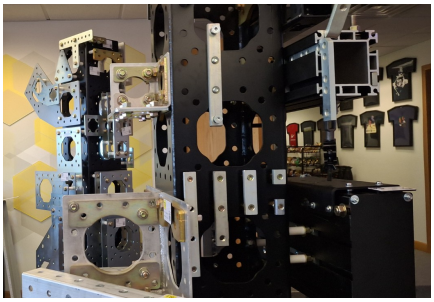
Price is important, but the value goes beyond the initial purchase. The ability to reuse the same components for different applications—rather than replace equipment each time your needs change—is where I see its greatest long-term cost advantage.

ModTruss has built an impressive client base around its larger TR6 and TR12 systems, which have been the foundation of the company. My interest in expanding the manufacturing applications for TR2 and TR3 began after seeing how extensively ModTruss used its own products throughout its production and warehouse areas. It made perfect sense, and the brainstorming began.

I brought those possibilities to the President and CEO of ModTruss Inc. Patrick Santini, who is also the company's founder and the inventor of the ModTruss product line.

Particularly for manufacturing intralogistics: organizing, staging, and moving materials within a facility, those observations inspired the conceptual ideas I shared with you.

I would welcome the opportunity to explore how these concepts could address specific needs in your operation—whether through ModTruss or another practical solution.


ModTruss component display


Application concept


Reusable frame platform


Finish / configuration option

Let’s Talk

Would you have time for a phone meeting this week? We could discuss the areas you would like to improve and identify a useful starting point.

ModTruss Catalog Download
https://www.modtruss.com/catalog

3D Catalog
https://embed-3dwarehouse-classic.sketchup.com/by/ModTruss?tab=catalogs

Paschall Website
https://PaschallFacilityServices.com

Call to discuss your project needs and budget considerations.

Find an application

Select an entry to open its current catalog page.

ASSET / APPLICATION	PAGE
Hero - Production and kitting	**6**
Hero - Workcell configurations	**7**
Hero - Shared tools and diagnostics	**8**
Hero - Component reconditioning	**9**
Hero - Electrical kitting on the production line	**10**
EL-03 - TITAN Table | Electrical service + spool rack	13
EL-06 - Motive electrical parts and wire rack	13
EL-07 - Wiring harness diagnostics workstation	14
EL-08 - Wire spool and conduit cart	14
EL-09 - Wire spool rack - bare frame	15
ED-02 - Electronics test rack - worktop	15
ED-03 - Combo electronics diagnostics workstation	16
ED-04 - Electronics test rack - laptop shelf	16
ED-05 - Combo electronics diagnostics workstation - equipped	17
ED-07 - Combo2 electronics diagnostics workstation	17
ED-08 - Electronics diagnostics cabinet	18
ED-09 - Electronics diagnostic workbench	18
PAX-WF-RTS-01 - Robotic welding troubleshooting station	19

Application directory - continued

Select an entry to open its current catalog page.

ASSET / APPLICATION	PAGE
ST-05 - TR3 Welding Companion Cart - 54 x 48 x 70 7/8 in	19
WF-02 - Welding tools and cylinder rack	20
WF-02 - Trailer fabrication backdrop	20
WF-03 - Welding fixture kitting cart	21
WF-04 - Welding and fabrication cart - workshop	21
WF-05 - Welding and fabrication cart - isolated	22
WF-06 - TR3 Mobile Welding Workstation - 84 × 42 in	22
WF-07 - TR3 Welding & Kitting Workstation - 129 x 42 x 43 7/8 in	23
Welding companion - Standalone cart	23
Welding companion - Single welding cage	24
Welding companion - Two welding cages	24
Welding companion - Kitting parts and welding jigs	25
Welding companion - Welding cylinders and supplies	25
ST-01 - Vertical Storage Plus frame	26
ST-02 - Materials and electronics parts rack	26
ST-02 - Narrow Utility Rack	27
ST-02 - Wide Flexible-Shelving Frame	27
ST-03 - Rear Supply Rack	28

Application directory - continued

Select an entry to open its current catalog page.

ASSET / APPLICATION	PAGE
ST-04 - TR3 Four-Tray Mobile Kitting Cart - 72 × 42 × 73? in	28
MR-04 - TITAN Table | Parts and repair workstation	29
B1 - Locomotive blower kitting	29
B1 - Trailer-line bare-table placement	30
B1-TL-EL-R01 - Trailer electrical kitting hero	30
Behemoth four-table - Four-table native assembly	31
EL-07 / ED-09 / WF-03 - Component reconditioning workcell hero	31
MR-06 - PAX Welding & Troubleshooting Workstation	32
RF-01 - RailFlow integrated workcell - original hero	32
RF-01 - RailFlow integrated workcell - opposite-view hero	33
C077 - Assembly kitting rack	34
Hero - TITAN Table | Trailer assembly & MRO	11
Hero - TITAN Table | Parts & repair workstation	12

Production and kitting

Multiple assets working together in a production setting.



Imagine the workflow in your facility.

Use the directory to explore the individual workstations and frames shown throughout this catalog.

Workcell configurations

Multiple assets working together in a production setting.



Imagine the workflow in your facility.

Use the directory to explore the individual workstations and frames shown throughout this catalog.

Shared tools and diagnostics

Multiple assets working together in a production setting.



Imagine the workflow in your facility.

Use the directory to explore the individual workstations and frames shown throughout this catalog.

Component reconditioning

Multiple assets working together in a production setting.



Imagine the workflow in your facility.

Use the directory to explore the individual workstations and frames shown throughout this catalog.

Electrical kitting on the production line

Multiple assets working together in a production setting.



Imagine the workflow in your facility.

Use the directory to explore the individual workstations and frames shown throughout this catalog.

TITAN Table | Trailer assembly & MRO

Tools, parts and supplies organized around the task.



Imagine the workflow in your facility.

Use the directory to explore the individual workstations and frames shown throughout this catalog.

TITAN Table | Parts & repair workstation

MR-04 | Components and tools ready for locomotive service.



Imagine the workflow in your facility.

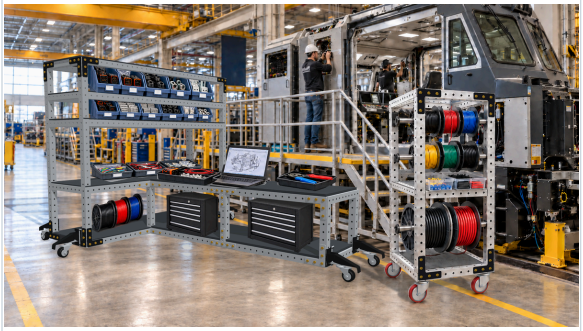
Use the directory to explore the individual workstations and frames shown throughout this catalog.

Workstations and applications

Application view, structural reference and space for your requirements.

EL-03 - TITAN Table | Electrical service + spool rack

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

EL-06 - Motive electrical parts and wire rack

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

EL-07 - Wiring harness diagnostics workstation

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

EL-08 - Wire spool and conduit cart

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

EL-09 - Wire spool rack - bare frame

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

ED-02 - Electronics test rack - worktop

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

ED-03 - Combo electronics diagnostics workstation

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

ED-04 - Electronics test rack - laptop shelf

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

ED-05 - Combo electronics diagnostics workstation - equipped

SCENE / APPLICATION



FRAME ONLY

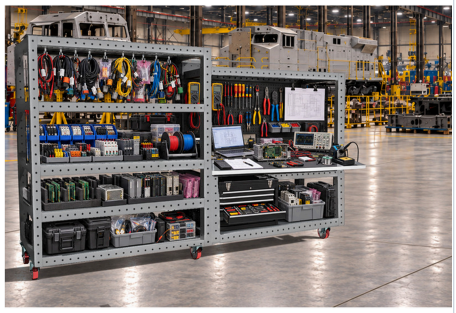


YOUR NOTES / SKETCH

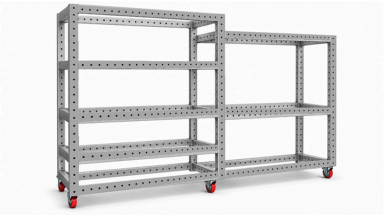
Current accepted presentation. Recorded QC limits remain in the assets sheet.

ED-07 - Combo2 electronics diagnostics workstation

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

ED-08 - Electronics diagnostics cabinet

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

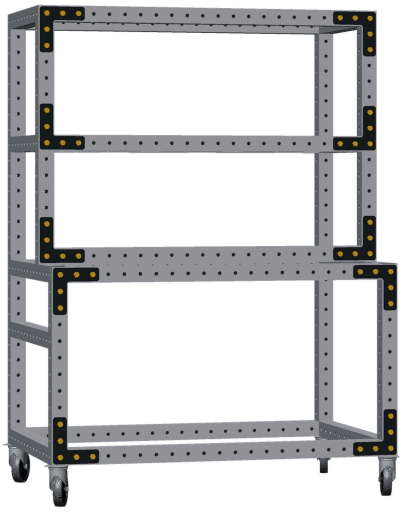
Current accepted presentation. Recorded QC limits remain in the assets sheet.

ED-09 - Electronics diagnostic workbench

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

PAX-WF-RTS-01 - Robotic welding troubleshooting station

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

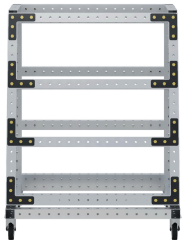
Current accepted presentation. Recorded QC limits remain in the assets sheet.

ST-05 - TR3 Welding Companion Cart - 54 x 48 x 70 7/8 in

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

WF-02 - Welding tools and cylinder rack

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

WF-02 - Trailer fabrication backdrop

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

WF-03 - Welding fixture kitting cart

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

WF-04 - Welding and fabrication cart - workshop

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

WF-05 - Welding and fabrication cart - isolated

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

WF-06 - TR3 Mobile Welding Workstation - 84 × 42 in

SCENE / APPLICATION



FRAME ONLY

No separate matching frame view recorded.

YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

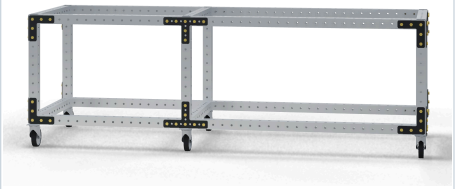
Application view, structural reference and space for your requirements.

WF-07 - TR3 Welding & Kitting Workstation - 129 x 42 x 43 7/8 in

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

User accepted visual R03. Fastening and attachment QC remains pending.

Welding companion - Standalone cart

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

Welding companion - Single welding cage

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Welding companion - Two welding cages

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

Welding companion - Kitting parts and welding jigs

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Welding companion - Welding cylinders and supplies

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

ST-01 - Vertical Storage Plus frame

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

ST-02 - Materials and electronics parts rack

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

ST-02 - Narrow Utility Rack

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

ST-02 - Wide Flexible-Shelving Frame

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

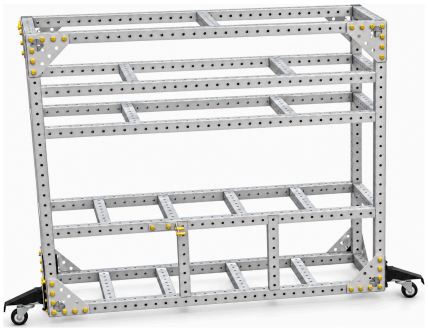
Application view, structural reference and space for your requirements.

ST-03 - Rear Supply Rack

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

ST-04 - TR3 Four-Tray Mobile Kitting Cart - 72 × 42 × 73? in

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

MR-04 - TITAN Table | Parts and repair workstation

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

B1 - Locomotive blower kitting

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

B1 - Trailer-line bare-table placement

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

B1-TL-EL-R01 - Trailer electrical kitting hero

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

Behemoth four-table - Four-table native assembly

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

EL-07 / ED-09 / WF-03 - Component reconditioning workcell hero

SCENE / APPLICATION



FRAME ONLY

No separate matching frame view recorded.

YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

MR-06 - PAX Welding & Troubleshooting Workstation

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

RF-01 - RailFlow integrated workcell - original hero

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

Workstations and applications

Application view, structural reference and space for your requirements.

RF-01 - RailFlow integrated workcell - opposite-view hero

SCENE / APPLICATION



FRAME ONLY



YOUR NOTES / SKETCH

Current accepted presentation. Recorded QC limits remain in the assets sheet.

C077 - Assembly kitting rack

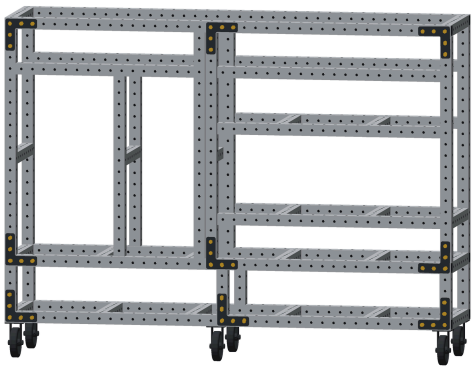
Cab panels, harnesses and installation parts staged together.

LOCOMOTIVE ASSEMBLY KITTING



Cab panels, coiled harnesses, controls and labeled parts bins support assembly kitting.

TR3 FRAME REFERENCE



Native TR3 frame reference with L brackets and gold bolts. Shelf and support layouts vary by application.

YOUR NOTES

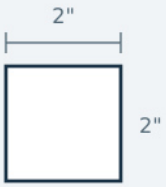
Application concept. Final configuration, connections, dimensions and capacity require project-specific review. Tools, bins, equipment and other accessories are customer-supplied unless included in the quote.

Choose a frame around the task

Nominal member families; final selection is project-specific.

TR2

2" × 2" member

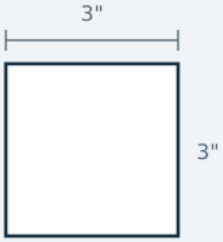


Compact member option

Potential shelf or intermediate-support use.

TR3

3" × 3" member



Larger member option

Primary framing or other application-specific use.

HYBRID

TR3 + selected TR2 supports



Combine where appropriate

TR3 main frame with selected TR2 intermediate supports.

Nominal section sizes shown at the same scale. Hybrid diagram illustrates member placement only.



Final member sizes, spans, connections and loading require application review. Tools, equipment and accessories are customer-supplied unless

Start with your workflow

Bring your parts, available space and ideas.

Darrell Paschall

Paschall Enterprises Inc.

262-206-4928

Opportunity@PaschallFacilityServices.com

PaschallFacilityServices.com

Project notes