



FREIGHT & LOCOMOTIVE PRODUCTS



Your Single Source
Freight & Locomotive Solution Provider



With a diverse portfolio and extensive range of capabilities, INPS has become a manufacturing solution provider.





NEW

Steel Fireproof Placards

Fire-resistant hazmat placards

Steel Placards with Etched Numbers

Stays legible in Emergency Situations

Don't compromise on safety, use the placards that set the standard.

- Stainless Steel
- Durable
- Resist flame and high heat
- Fire resistant
- Customizable
- Bulk discounts available





NEW

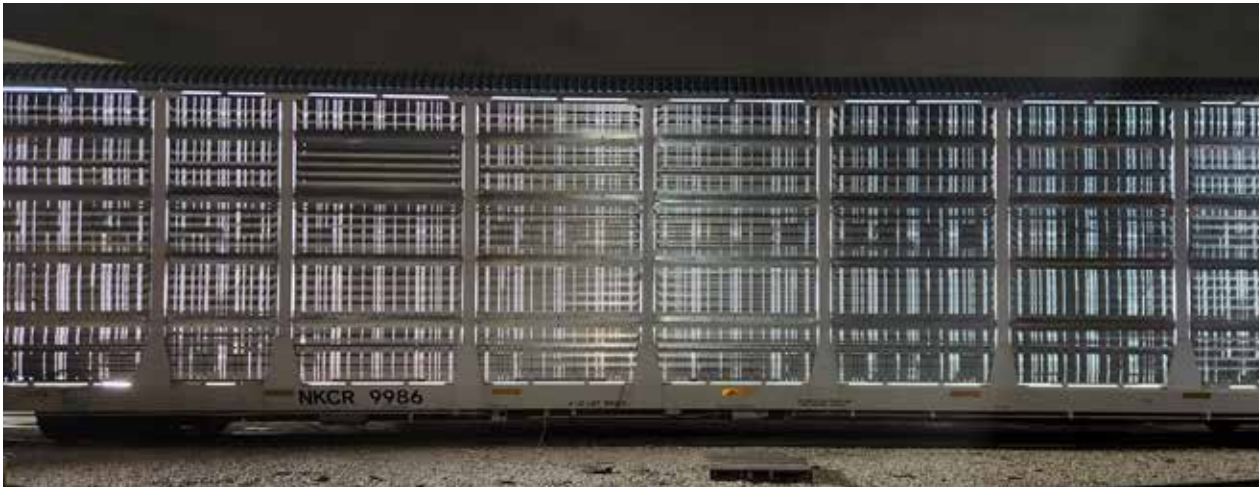
Autorack Lighting

CUSTOM RETROFIT LED LIGHTING

INPS developed a cutting edge lighting system for autorack railcars to make work more efficient and safe.

We offer a modular LED light system that is strategically installed throughout the autorack railcars.

The light source is positioned under the cars to streamline vehicle placement during loading and unloading.





NEW

Locomotive Vinyl Wraps

We come to you.

Our locomotive wraps, which meet regulatory and compliance requirements, can help you achieve reduced downtime with faster installing films and protective coverings.

Reduce your cost, your downtime, and your VOCs with our locomotive wraps.

Fast, cost-effective and environmentally friendly.



AEI Tags

AEI (Automated Equipment Identification) Tags

- AT5118 Standard
- AT5133 High Temperature
- Programmed
- Non-programmed



AEI Tag Readers & Writers

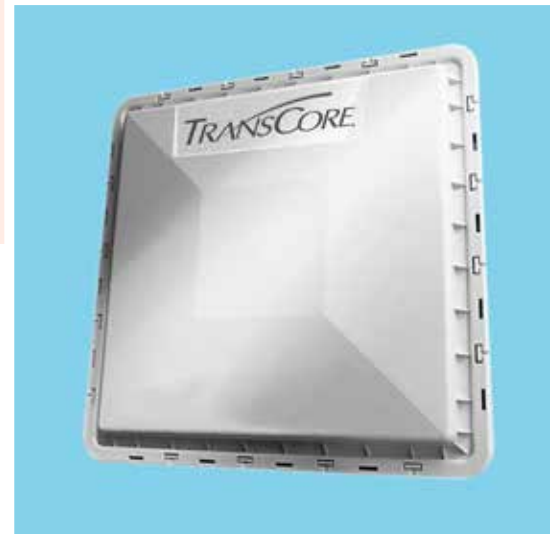
E1150 MOBILE READER

This versatile reader works with most types of RFID tags.

Operation of the reader is quick and easy using the single push-button and audible signal tones.

AEI TABLET READER

The E1R is ideal for all mobile RFID solutions including AEI for railyard management.



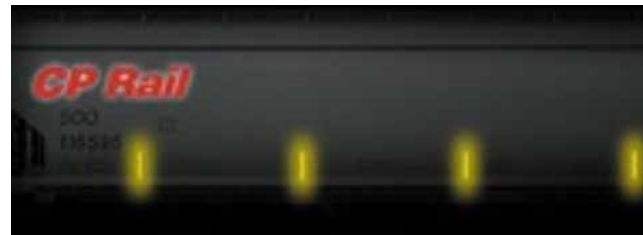
AEI Tag Readers & Writers

AP 4119 Rail Tag Programmer

Used to program AT 5118 Rail Tags.
Connects to a host computer system.

SmartPass® 4 RFID Track Side Reader

The SmartPass 4 reader is used to read railroad AT5118 and AT5133 transportation tags.
This unit contains an RF module, tag decoder, and power supply in a single module.
This reader can read rail car AEI tags at speeds of up to 60 mph.



Conspicuity Tape

Innovative Brands such as:

3M™ Orafol Avery

- Available in a variety of lengths and colours to meet your needs
- Improves vehicle visibility
- Detection at dawn, dusk and at night
- Railcars and locomotives meet the FRA 224 Standard



Comparison Panel Kits

Retroreflective conspicuity tape on the sides of railcars improves motorist safety at railroad crossings.

- AAR Comparison Panels - S-916 Comparator Panels
- INPS sells the AAR comparator panel kits and INPS can also recalibrate existing kits

AAR Panels Avery Features:

- Versatile panels with sheeting calibrated to exact range of retroreflectivity requirements
- Sturdy aluminum panel with magnetic backing strips
- Durable Pelican™ case protects comparison panel and kit contents



Replace

Replace

Pass



Railcar Corporate Branding

Branding is important in today's world

- Design and manufacture logos and slogans
- Standardized rail graphics
- Digital or screen printed process available
- All sizes - colors for any type of material provide logos that accurately suit your vision



Railcar Regulation Decals

Decal Kits that integrate with your production

Railcar Decal Kits

Ability to adapt the kitting process to your needs

Comprehensive and customized decal sets available to both OEM and remarking clients

Decal kits can include:

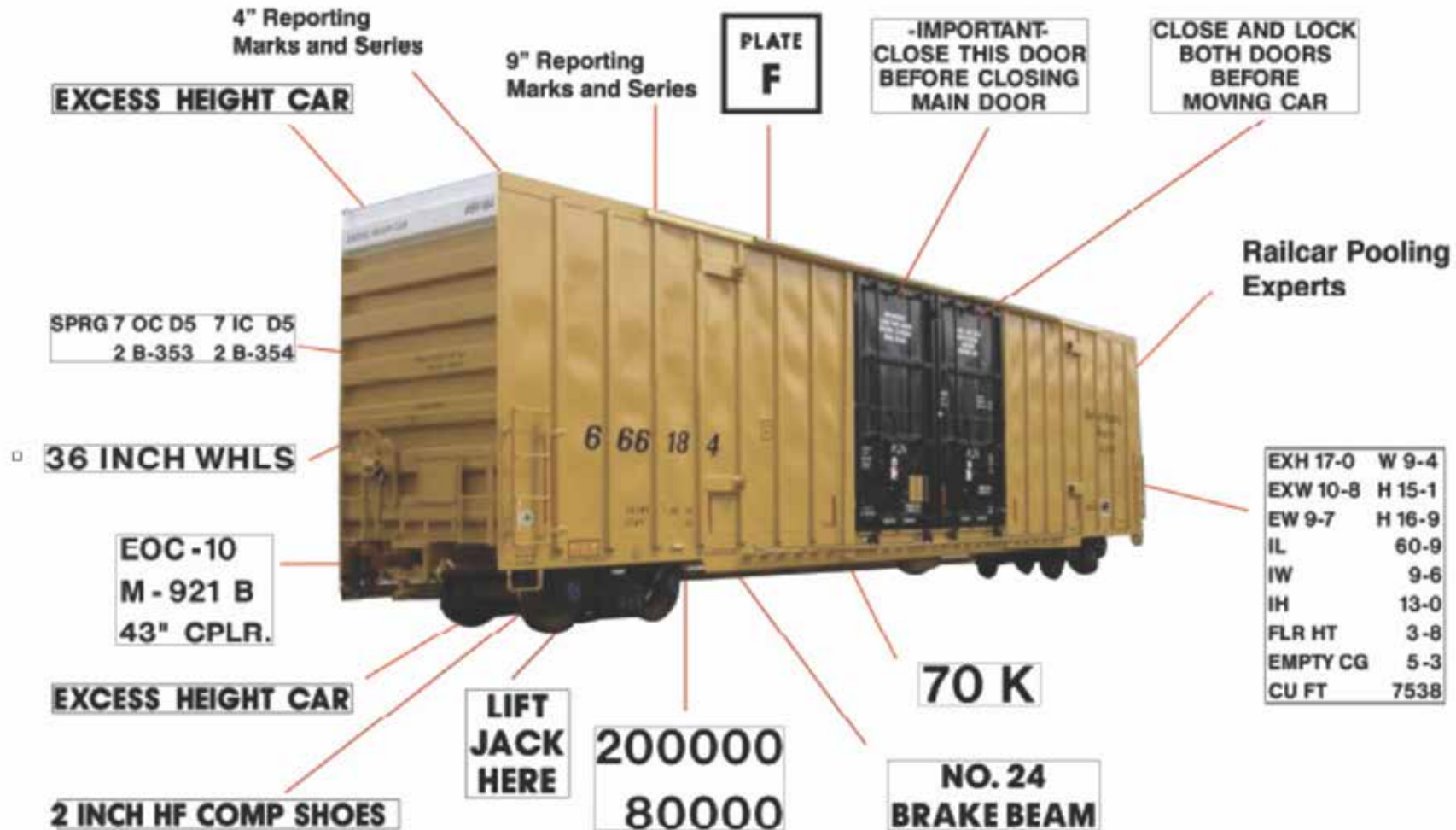
- Corporate Branding
- Warning Labels
- Paint Stencils
- AAR FRA Regulation Decals
- Bulked or Kitted
- Individually Packaged & Labeled

We can react to short lead times.





Railcar Regulation Decals





Item #	Description	Color	Size	Qty	INPS Part #
1	Car Number		4"	1	309-100-300
2	LD LMT	LBS. KES.	3"	2	309-100-303
3	Star		3"	2	309-100-303
4	Plate		10" x 10"	2	309-100-300
5	AAR	OR BR	1-1/2"	2	309-100-374
6	36 IN STL		2-1/2"	2	309-100-370
7	SPROCKETS		1-1/2"	2	309-100-370
8	Shoes		1-1/2"	4	309-100-311
9	Leased To		2"	2	309-100-311
10	Defect Card		1/2"	1	309-100-313
11	Markey Style		1"	1	
12	2% Outage @		1"	2	309-100-306
13	SS		1"	2	309-100-307
14	RULX 8882 DHP		1"	2	309-100-314
15	CAPV		2"	2	309-100-370
16	Water Capacity		1 1/2"	2	309-100-303

Railcar Decal Kits

On-line Ordering

- Custom forms are designed to meet the needs for each car style
- The forms are car type specific
- Quantities, colors, revisions levels provide standardization
- INPS keeps current with AAR standards
- Once order is submitted, a confirmation is issued
- The order is processed as per negotiated lead times and pricing
- The form is then used as a packing slip and enclosed in your box and labelled by car number for ease of receiving





Railcar Remarketing/ Mobile Crews

North American Wide Installation & Program Management

Our capabilities include, but are not limited to:

- Programming of AEI tags
- Decal removal and application
- Color matching to eliminate the need for removing existing report marks and series
- Reflective tape application

Our mobile crew of graphics installers, with support of dedicated project coordinators, will get the job done with no interruption or downtime of the railcar by managing the project from beginning to end.



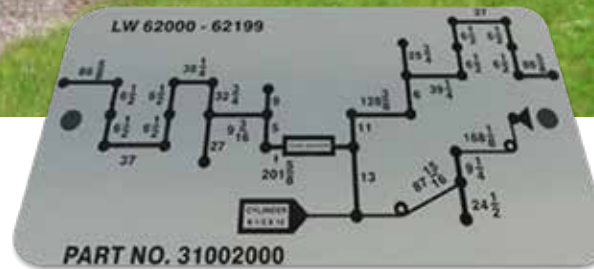
Brake Plates

INPS produces metal photo aluminum plates showing brake rigging dimensions. Years of experience enable us to offer next day service for your convenience.

Tank ID Tags

- Unique tank car identification plates
- 0.125" stainless steel

INPS also serial number plates and aluminum name plates.





Custom Locomotive Graphics

INPS has extensive experience in designing, styling, applying and engineering railcar graphics.

Exterior Graphics

- Logos and corporate images
- Anti-graffiti coatings
- Complete exterior locomotive wraps
- Standardized locomotive graphics
- Paint stencils

As an expert in the rail industry, INPS can help you meet and understand AAR regulations when it comes to signage and safety features.





Mobile Installations

We install components manufactured in-house and by our network of suppliers. As part of our value-added services, we also offer training sessions so that your own personnel may learn how to carry out these often complex installations.

Our mobile installation capabilities include:

- Graphic removal & application
- Locomotive wrapping
- Sound damping quiet cab installations
- Reflective tape applications
- AEI Tags Reprogramming
- Locomotive Remarketing



Sound Damping

Drown Out The Noise by 2 Decibels

INPS' Quiet Ride Sound Damping System reduces noise and vibration inside the cabin environment, making work more pleasant for your employees. This multi-layered panel system can be easily installed inside the locomotive by your staff.

Sound Damping for Locomotive Cabs cleans up the look of the cabin interior and is custom-made to fit all locomotive models. Our sound damping products are compliant with all current industry standards, are fire retardant, as well as scratch and dent resistant.



Anti-skid for Locomotives

Designed to provide traction and enhance safety in areas where slipping or sliding may occur.

High-Temperature Resistance

Chemical Resistance

Durable

Compliance with Safety Standards

Proper installation is crucial to ensure the effectiveness of anti-skid tape on locomotives.



High Performance Photoluminescent (HPPL) Decals for Rail Car Egress

INPS FIREFLY™ has developed turnkey solutions that include Emergency Signage for Egress/ Access of Passenger Rail Equipment. INPS' High Performance Photoluminescent decals not only comply with the latest industry standards, but have set the bar in HPPL decals. The end result is a durable and easy to clean decal which meet or exceeds rail car regulations providing clear and concise directions in the case of an emergency. In consultation with industry leaders, FIREFLY addresses the needs of safe evacuation from rail cars, buildings or transportation corridors.

Strategic Sourcing & Engineering Solutions for all Freight Locomotives

Combining ADP's 30 years of locomotive expertise and INPS's manufacturing capabilities, together we offer a variety of products and services under the INPS Group of Companies.

APD's main focus on products is critical engine components and electrical rotating equipment of which we offer technical expertise, services and/or subcontracting manufacturing.





Auxiliary Power Units

INPS IEP (Environmental Products) Auxiliary Power Units allow companies to save on fuel for their locomotive transit vehicles without sacrificing crew comfort.

Our proprietary Banana Auxiliary Power Unit is designed to reduce excess idling, save fuel, reduce locomotive engine wear and keep your crew comfortable – a true win-win for everyone.



Non Inverted Air Conditioners (A/C)

Our Orange air conditioners for locomotives offer a unique Modular Design for easy operations during the Maintenance or Replacement of a component. Each component is lightweight, offering easier installation and lower labor cost to the installer. This locomotive A/C unit has 72VDC power and no inverter.

Benefits:

- Easy, lower-cost installation and operation
- Can be mounted virtually anywhere on the locomotive
- Can be installed on new or existing locomotives
- Designed for low head clearance areas



Single Case Replacement System

Our system permits replacement of a deteriorated signal case in as little as four hours.

All conversions are done without disconnecting any wires.

Trains are free to run since signals are operational.

We can replace Signal Panel Cases and Bungalows.



Railroad Signs

INPS offers the expertise to help enhance visibility and improve safety at Railroad Crossings. (Tracks).

- Emergency Notification Signs
- Low Ground Clearance
- Advance Warning
- Maintenance of Way



Founded in 1966, INPS Group has facilities through North America and Mexico.

Through the INPS Group of Companies our mission is to be your single source provider. Whatever your requirements we have the solution. INPS is a versatile and virtually unlimited manufacturer and provider of components for a large variety of industries. Through our in-house capabilities and numerous partner companies under the INPS Group, we provide full-scale component acquisition and design services to clients ranging from the largest industry players to smallest of niche businesses. No other provider seamlessly integrates itself into your company like we do.



CANADA

London, Ontario
Milton, Ontario

USA

Buffalo, Ohio or New York
Longview, Texas

MEXICO

Matamoros, Tamaulipas
Monclova, Coahuila
Frontera, Coahuila
Sahagun, Hidalgo
Tlaxcala, Tlaxcala



Through the INPS Group of Companies our mission is to be your single source provider.



Design, engineer, produce and install products to a variety of markets



Providing new solutions, sales and service of parts for Transit



Certified components protecting your assets



Locomotive A/C Systems and Auxiliary Power Units



Signal case replacement systems for rail



Vehicle wraps, architectural finishes, corporate office resurfacing



Polymer coated webbing canine leashes, collars and harnesses

OUR COMPANIES



Anti Graffiti Multi-layer film



LLEPM (Low-Level Exit Path Markings) and HPPL (High Performance Photoluminescent)

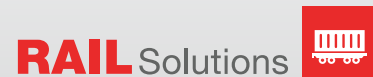


The revolutionary can carrier for high intensity sports and outdoor activities

OUR BRANDS



INPS Rail Solutions is a manufacturer of graphics for freight cars and locomotives.



IEP has developed an Air Conditioner and Auxiliary Power Unit for Locomotives.



APD provides product development, manufacturing, and technical support for locomotives.



S&C Rail provides Signal Case Replacement Systems for Railway Infrastructures

Offering Solutions, Not Just Products



FREIGHT PRODUCTS

AEI Tags
 AEI Tag Readers & Writers
 Autorack Lighting (NEW)
 Brake Plates / Tank ID Tags
 Conspicuity Tape
 Comparison Panel Kits
 Railcar Corporate Branding
 Railcar Regulation Decals
 Railcar Decal Kits
 Railcar Remarketing/Mobile Crews
 Steel Fireproof Placards (NEW)

LOCOMOTIVE PRODUCTS

Custom Locomotive Graphics
 Locomotive Vinyl Wraps (NEW)
 Mobile Installations
 Sound Damping
 Anti-skid



LOCOMOTIVE PRODUCTS

High Performance Photoluminescent (HPPL)

Strategic Sourcing & Engineering Solutions

Banana Auxiliary Power Unit (APU)
 Orange Air Conditioner (AC)

RAILWAY INFRASTRUCTURE

Signal Case Replacement System

Railroad Signs



Manufacturing Capabilities

CNC CUTTING

Waterjet Cutting, Flatbed Knife Cutting, Laser Cutting, Router Cutting

COMPOSITES

Fiberglass – Polyester, Epoxy and Acrylic modified Resin, Resin Casting – Epoxy, Urethane Foam Casting

CONVERTING

Commonly converted 3M materials:
3M™ DI-NOC™ Architectural Finish,
3M™ FASARA™ Glass Finishes,
3M™ Reflective Material

ENGRAVING

Laser CO2, Laser Fiber, Rotary, Chemical Etching

KITTING

Kits, Sub Kit, Just In Time Delivery

LAMINATING

Adhesives, Premask, Protective Over Laminates, Anti-skid , 3M™ Scotchgard™ Multi-Layer Protective Film 1004

PAINTING

HVLP Spraying Acrylics, Urethane Enamels, Masked Painted Parts

PRINTING

UV Digital Printing, Latex Digital Printing, Screen Printing, Up to 5' x 12', Up to 6 colour in-line

THERMOFORMING

Vacuum Forming, Low to Mid Volume, Fast Turnaround Time

VINYL CUTTING

Drum & Flatbed Cutters, 40+ Machines, 24-7 Cutting

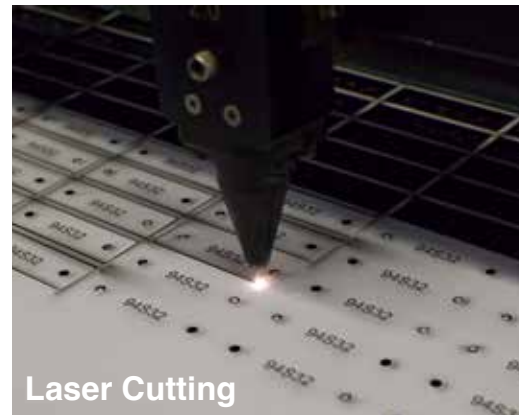
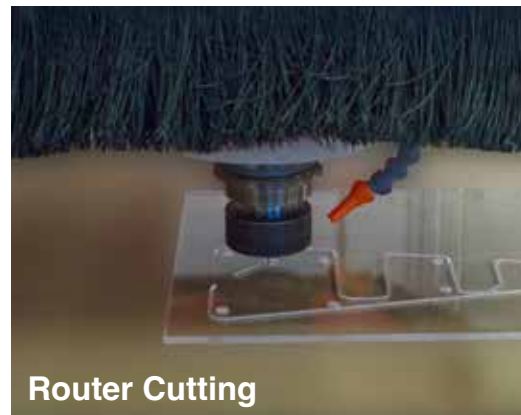
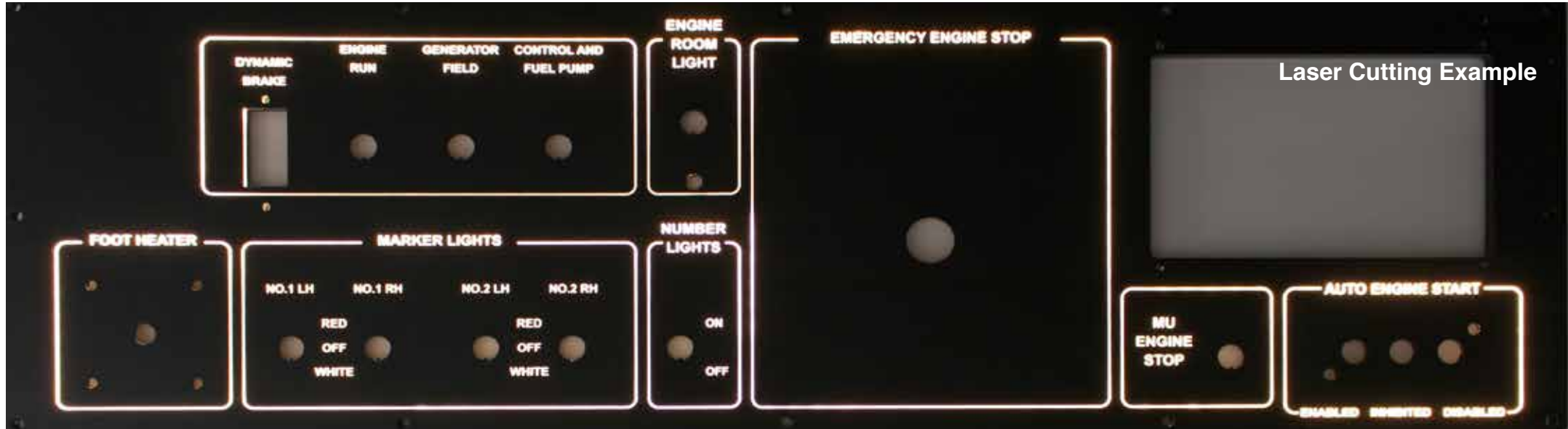
INSTALLATION

Graphics, Buildings, Trucks, Trains



CNC Cutting

CAPABILITIES





Composites

CAPABILITIES



Fiberglass – Polyester Resin



Urethane Foam Casting



Urethane Foam Casting Example



Resin Casting



Converting

CAPABILITIES



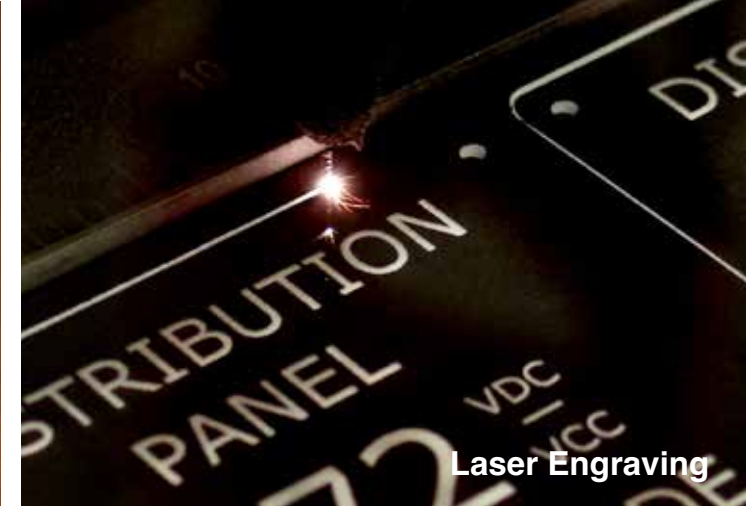


Engraving

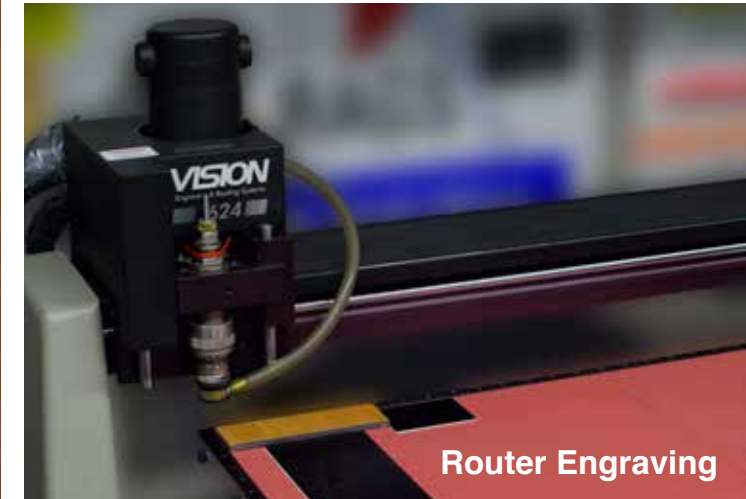
CAPABILITIES



Engraving Example



Laser Engraving

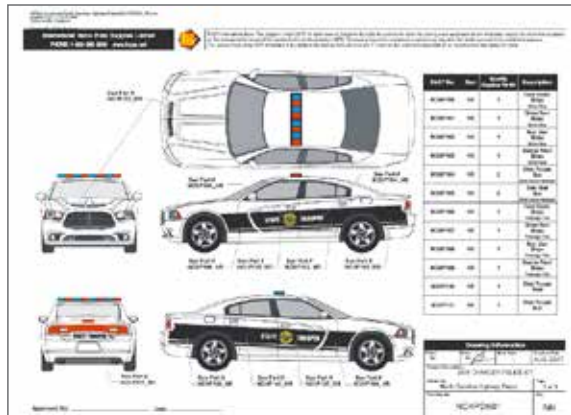


Router Engraving



Kitting

CAPABILITIES





Painting

CAPABILITIES



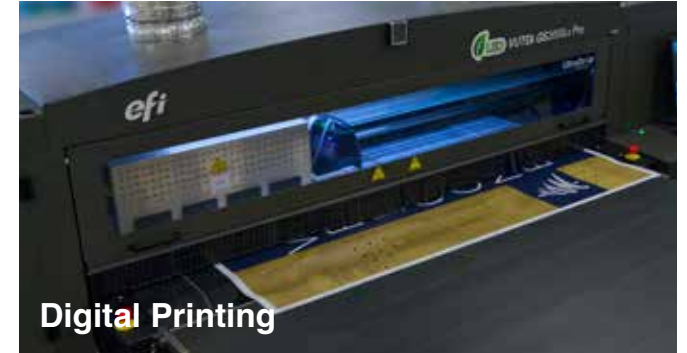


Printing

CAPABILITIES



Screen Printing Example



Digital Printing



Screen Printing

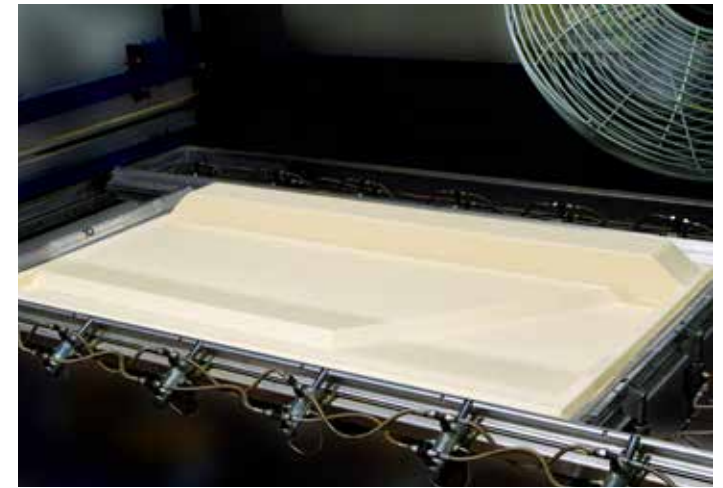


Up to 5' x 12'



Thermoforming

CAPABILITIES



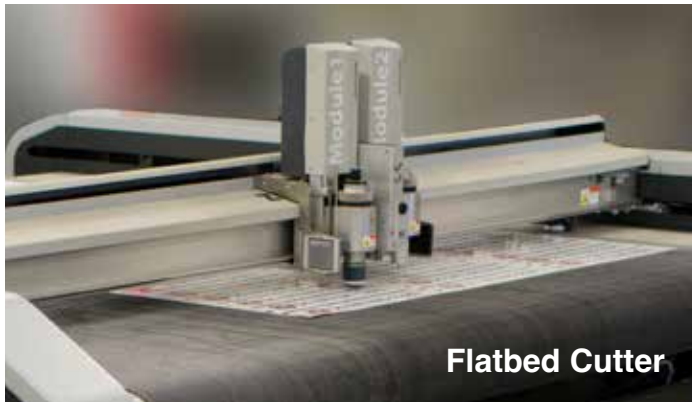


Vinyl Cutting

CAPABILITIES



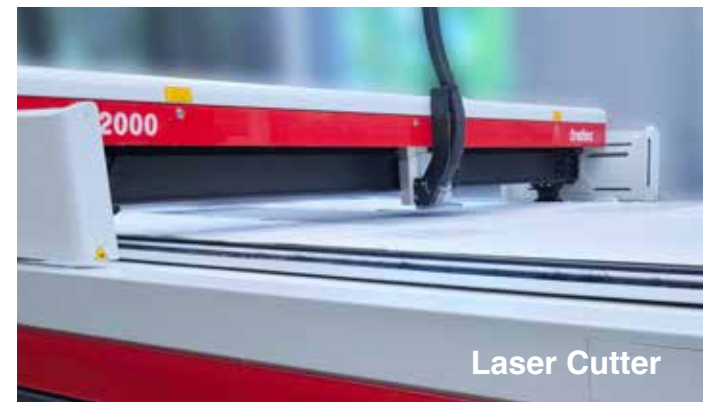
Vinyl Cutting Example



Flatbed Cutter



Drum Cutter



Laser Cutter



Installation

CAPABILITIES





Our team of professionals located in Canada, United States and Mexico, plus our ability to offer sales and support in Europe gives us the ability of being a true manufacturer with a global reach to service the rail industry. Utilize our total solution approach within your organization. Work with a trusted partner in the industry.

Let INPS be your single source provider





For over 50 years, INPS has designed, manufactured and installed railroad products and graphics. We are your total rail solution.

AEI tags / programming

Anti-graffiti surface coatings

Autotrack Lighting

Brake badge plates

Cab interiors

Caution tags

Ceiling panels

Clear glass coatings

Color match patches

Comparison panel kits

Conspicuity tape

Control panels

Custom graphics & decals

Decal installation & removal

EPA

Generators

Maintenance of way & fleet vehicles

Microprocessors

Mobile crews

Name plates

On-site training

Placards

Railcar decal kits

Rail car / locomotive renumbering

Rail car / locomotive wrapping

Railroad graphics

Railroad crossing signs

Reflective tape

Stencils

Switch lens caps

Tank ID tags

Vinyl cut letters & numbers

Vinyl wraps





Offering Solutions, Not Just Products

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