



**FREIGHT & LOCOMOTIVE PRODUCTS**

**Your single source  
Freight & Locomotive solution 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



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

Longview, Texas

#### MEXICO

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

## **FREIGHT PRODUCTS**

Railcar Remarking/Mobile Crews

Railcar Corporate Branding

Custom Regulatory Decals

Conspicuity Tape

Comparison Panel Kits

AEI Tags, Tank ID Tags

Brake Plates

## **LOCOMOTIVE PRODUCTS**

Custom Locomotive Graphics

Locomotive Wraps

Mobile Installations

Banana APU

Orange Air Conditioner

Sound Damping

HPPL Products

## **MANUFACTURING CAPABILITIES**

## INPS SERVICES

Engineering & Conceptual Design  
Prototyping & Testing  
Graphic Design & Artwork  
Consultation Services  
Project Management

## INPS ONGOING SUPPORT

Engineering & Conceptual Design  
Installation by INPS  
Testing  
Maintenance

## QUALITY MATERIALS YOU CAN TRUST

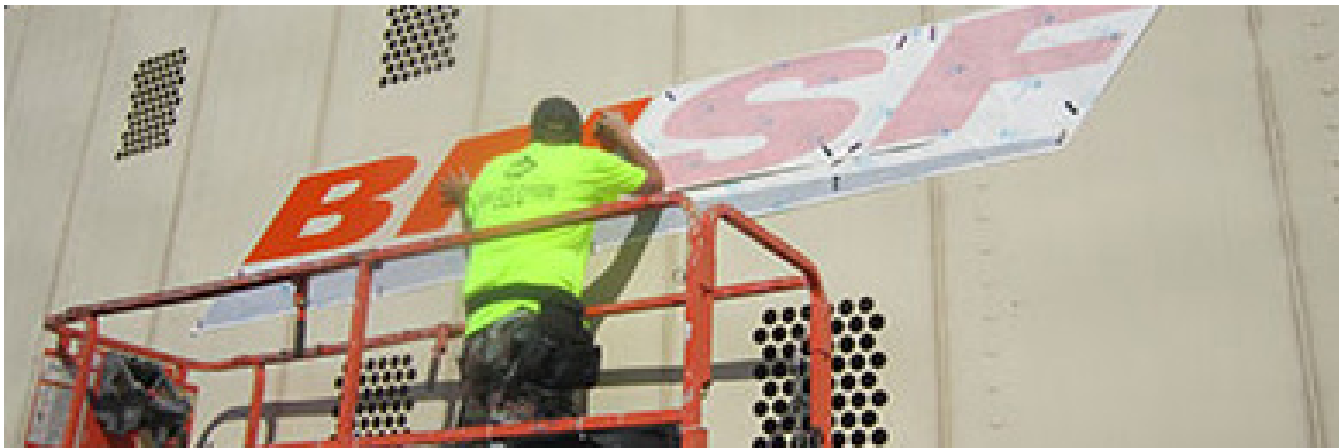
3M™ Select Graphic Provider – Platinum

3M™ Certified Graphics Installation Company

3M™ MCS™ Warranty, the most comprehensive warranty in the industry







## Railcar Remarketing/Mobile Crews

### North American Wide Installation & Program Management

Our capabilities include, but are not limited to:

- Decal removal and application
- Colour match patches so reporting number and logos can be remarked
- Reflective tape application
- Reporting marks
- AEI tag re-programming

Travel crews available North American wide for installation by 3M™ Certified Professionals.

Training services ranging from a full week to on-line webinars.



## 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 - colours for any type of material provide logos that accurately suit your vision

No job is too big, or too small





## Custom Regulatory 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

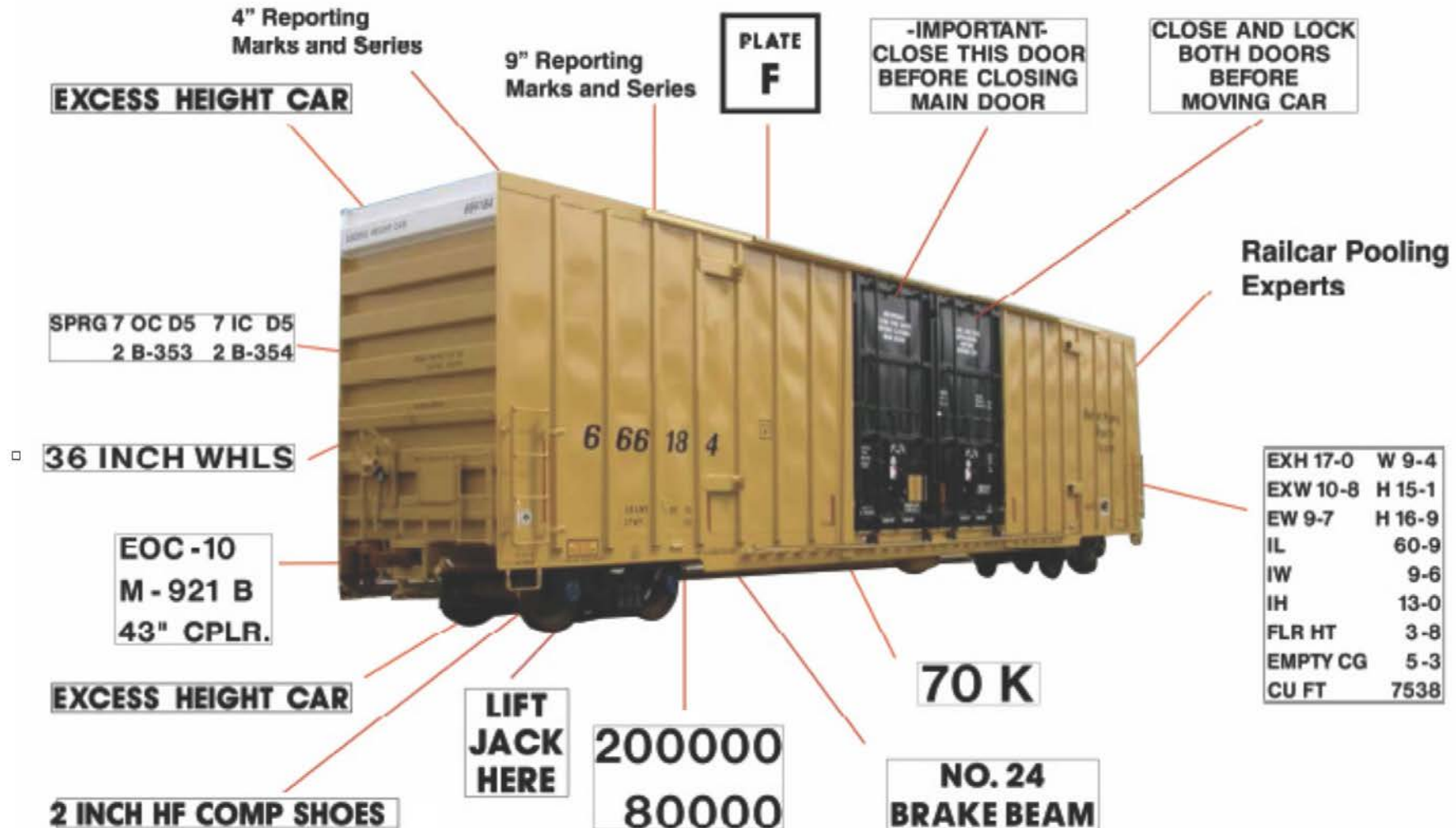
Decal kits can include:

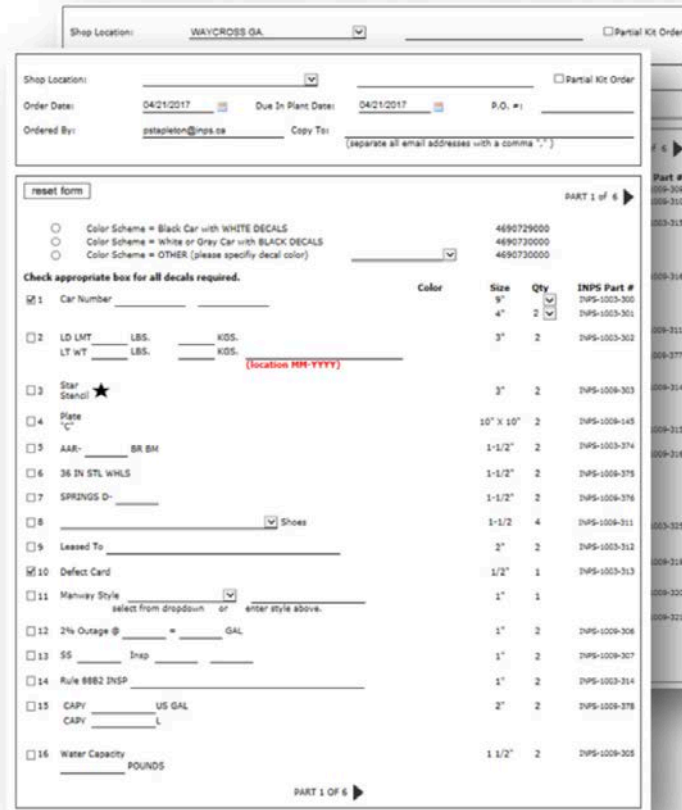
- Corporate Branding
- Warning Labels
- Paint Stencils
- AAR FRA Regulation Decals
- Bulked or Kitted
- Individually Packaged & Labeled

We can react to short lead times.



## Custom Regulatory Decals - continued





Color Scheme	Color	Size	Qty	INPS Part #
<input type="radio"/> Color Scheme = Black Car with WHITE DECALS		9"	2	INPS-1003-300
<input type="radio"/> Color Scheme = White or Gray Car with BLACK DECALS		4"	2	INPS-1003-301
<input type="radio"/> Color Scheme = OTHER (please specify decal color)				4690730000
<input checked="" type="checkbox"/> 1 Car Number				
<input type="checkbox"/> 2 LD LMT LBS. KDS.		3"	2	INPS-1003-302
<input type="checkbox"/> LT WT LBS. KDS.				
<input type="checkbox"/> 3 Star Stand		3"	2	INPS-1009-303
<input type="checkbox"/> 4 Plate		10" X 10"	2	INPS-1009-145
<input type="checkbox"/> 5 AAR- BR BM		1-1/2"	2	INPS-1003-374
<input type="checkbox"/> 6 36 IN STL WHLS		1-1/2"	2	INPS-1009-375
<input type="checkbox"/> 7 SPRINGS D-		1-1/2"	2	INPS-1009-376
<input type="checkbox"/> 8 Shoes		1-1/2"	4	INPS-1009-311
<input type="checkbox"/> 9 Leased To		2"	2	INPS-1003-312
<input checked="" type="checkbox"/> 10 Defect Card		1/2"	1	INPS-1003-313
<input type="checkbox"/> 11 Manure Style		1"	1	
<input type="checkbox"/> 12 2 1/2 Outage @		1"	2	INPS-1009-308
<input type="checkbox"/> 13 SS Insp		1"	2	INPS-1009-307
<input type="checkbox"/> 14 Rule 8882 INSP		1"	2	INPS-1003-314
<input type="checkbox"/> 15 CAPI US GAL		2"	2	INPS-1009-378
<input type="checkbox"/> 16 Water Capacity POUNDS		1 1/2"	2	INPS-1009-305

## Custom Regulatory Decals - continued

### 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



## Conspicuity Tape

Innovative Brands such as:

**3M™   Reflexite®   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

***BE SEEN!***



## Comparison Panel Kits

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

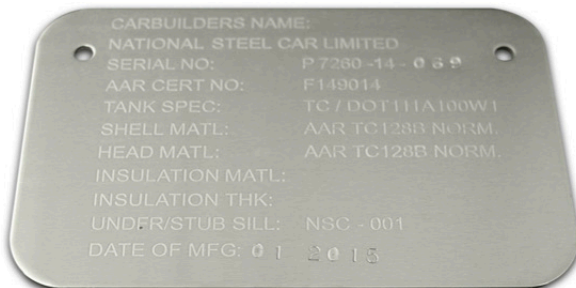
- AAR Comparison Panels - S-916 Comparator Panels
- INPS sells the AAR comparator panel kits and INPS can also recalibrate existing kits
- 24 hour turnaround time
- Keeping Railroads Safe



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





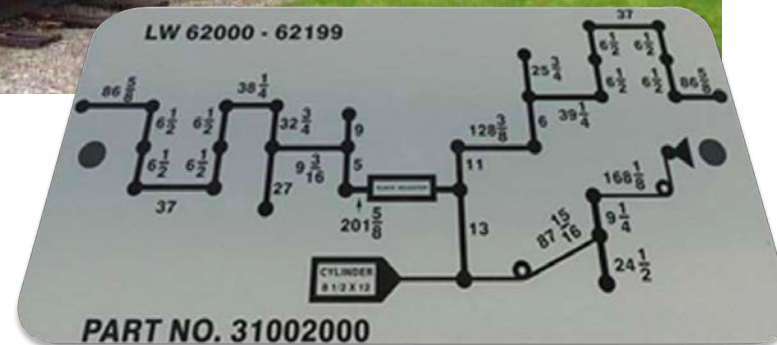
## AEI Tags / Tank ID Tags

### Local and Mobile Programming AEI TAGS

- AEI (Automated Equipment Identification) Tags
- AT5118 Standard
- AT5133 High Temperature
- Programmed
- Non-programmed
- Mobile programming services are available

### TANK ID TAGS

- Unique tank car identification plates
- 0.125" stainless steel



## 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



## 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 (replaces expensive and time-consuming re-painting)
- Standardized rail graphics
- Paint stencils

Available in any dimension, texture and colour (including colour-matching to existing surfaces).

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



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



## Don't Paint It — Wrap It!

Say goodbye to the days of multiple paint coats, long turnaround times and related safety concerns, including high VOC emissions.

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

**Fast, cost-effective and environmentally friendly.**





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.



## Mobile Installations

We back up our products with all-inclusive installation services performed by our 3M™ certified professionals. Our travel crew of graphics installers and other specialized personnel will move its equipment to your location, anywhere in North America. Our installation capabilities include, but are not limited to:

- Graphic removal & application
- Locomotive component installations
- Sound dampening quiet cab installation and interior installations
- Locomotive wrapping
- A/C installations and APU installations
- Reflective tape application
- Window fitting



- Reduces most excess idling, saving money on fuel and engine wear
- Meets EPA emissions regulations and local noise ordinances

## Banana APU

### Save on fuel without sacrificing crew comfort

- Reduced size and weight
- 72 VDC
- Same price as the original APU first introduced over 15 years ago!
- CAT/Perkins diesel engine that can be governed at adjustable RPMs
- The engine drives a 150 A, 72 VDC (11kW) generator that heats the locomotive coolant and lube oil, charges the batteries, and can be used to power cab heaters, lights and air conditioners
- Green technology incorporates innovative new design and automation
- Advanced control system complete with adjustable on/off locomotive water temperature and battery set points and diagnostics with freeze frame data and real time data monitoring





## Orange Air Conditioner

### Take the heat off with 32,000 BTU Cool Reliability

Patented, non-inverted, 72 VDC, 32,000 BTU A/C that fits in any locomotive. It comes as a complete kit and it is an independent system. The Variable Refrigerant Flow (VRF) technology matches the output to the load. The compressor ramps up until it meets demand, then ramps down when the thermostat is satisfied.

#### Features:

- Flexible Modular Design
- Complete heavy duty, component system including:
  - Evaporator / Air Handler
  - Compressor with 72 VDC brushless motor
  - Condenser

#### 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



## Sound Damping

### Drown Out The Noise

Our Quiet Ride sound dampening 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 or our team of professionals. Quiet Ride cleans up the look of the cabin interior and is custom-made to fit all locomotive models.

#### Benefits of the Quiet Ride system:

- Reduces noise inside the locomotive by two (2) decibels
- Can be installed without removing any existing accessories
- Esthetically pleasing lines and finishes
- Custom-designed to fit new-build or older locomotives

Our sound dampening products are compliant with all current industry standards.





## HPPL Products

### Safely light up the night

INPS has spent many years developing HPPL glow in the dark.

Our products include:

- Glow-in-the-dark safety decal kits
- Emergency path markings
- Exit signage
- Photoluminescent tape
- Warning signs

The installation of our top quality decals is made easy with 3M™ adhesive backing.

All of our HPPL products are compliant with APTA and FRA regulations.





## CAPABILITIES

### 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

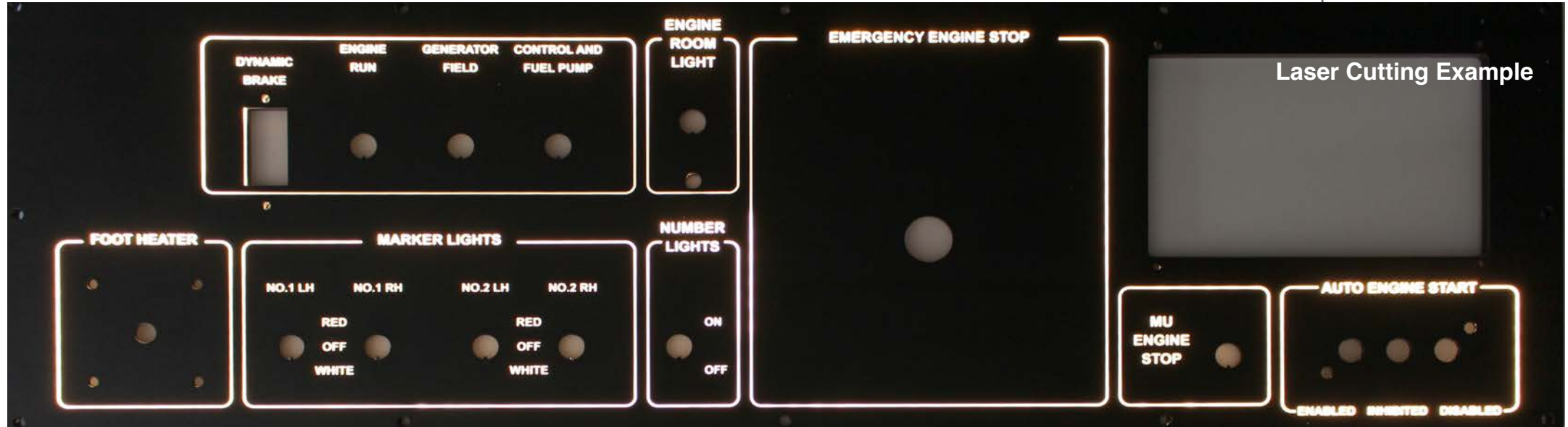
#### INSTALLATION

Graphics, Buildings, Trucks, Trains

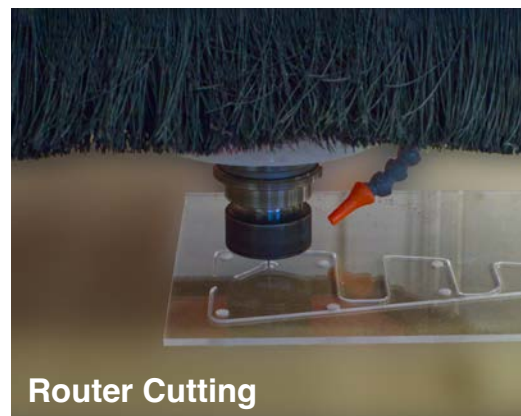


# CNC Cutting

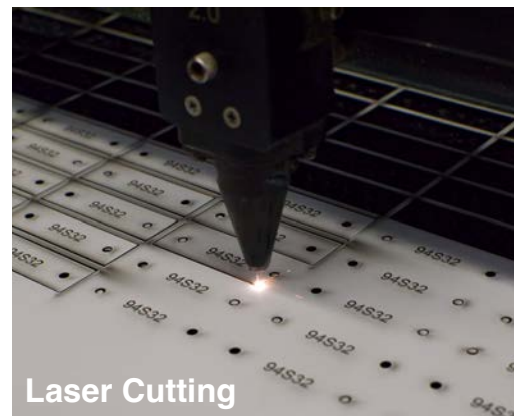
## CAPABILITIES



Flatbed Knife Cutting



Router Cutting



Laser Cutting



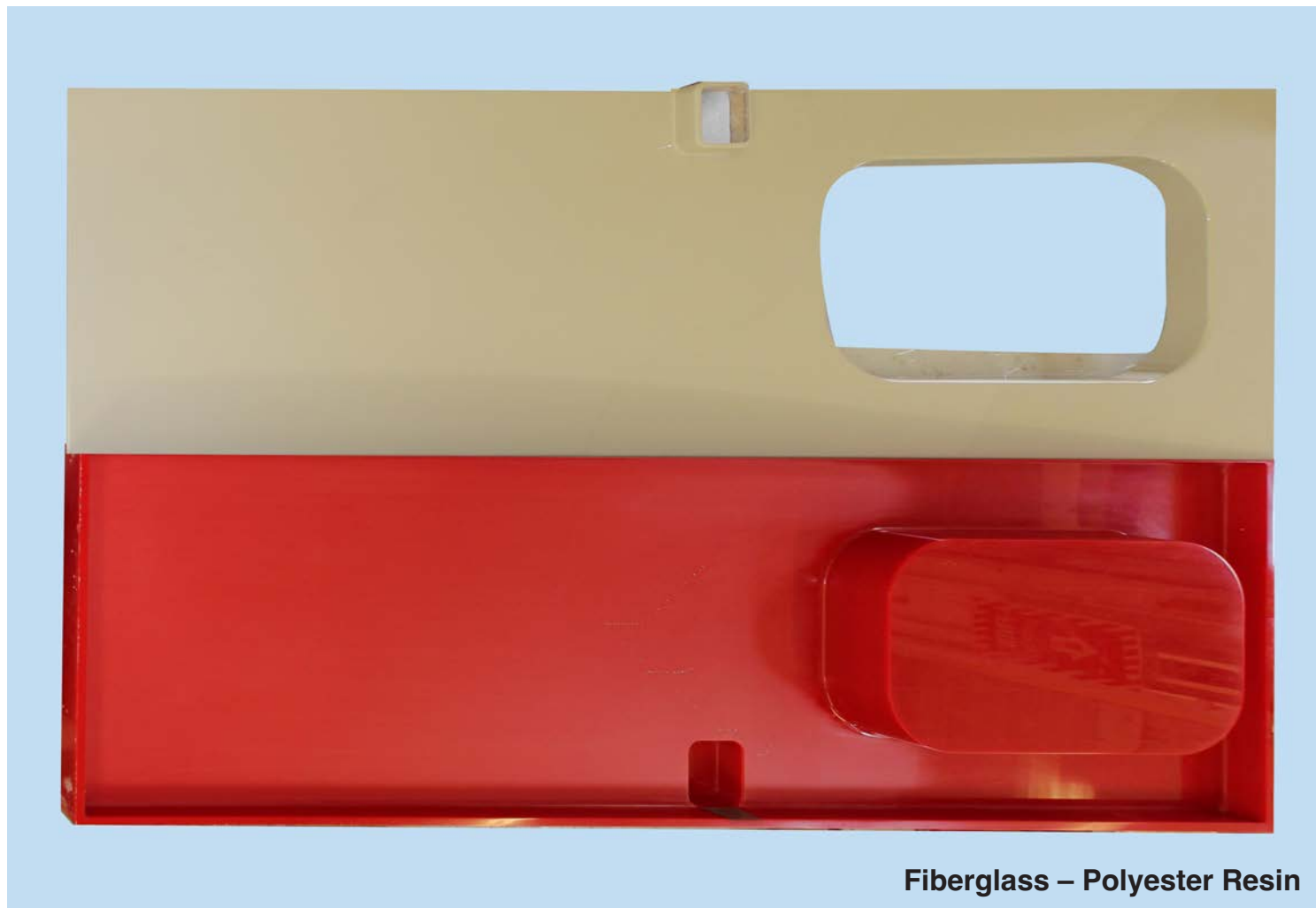
Waterjet Cutting





# Composites

## CAPABILITIES



Fiberglass – Polyester Resin



Urethane Foam Casting



Urethane Foam Casting Example



Resin Casting



# Converting

## CAPABILITIES



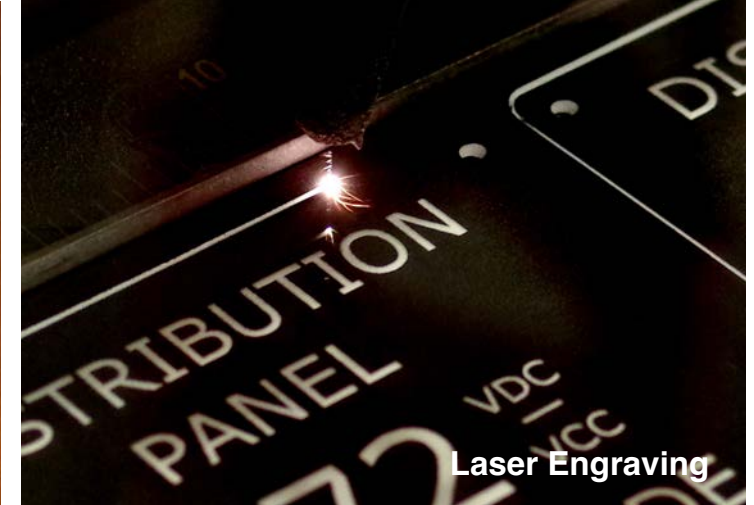


# Engraving

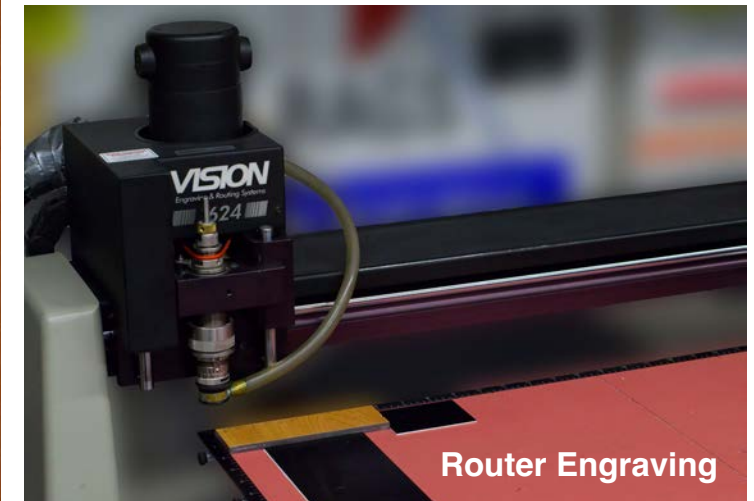
## CAPABILITIES



Engraving Example



Laser Engraving



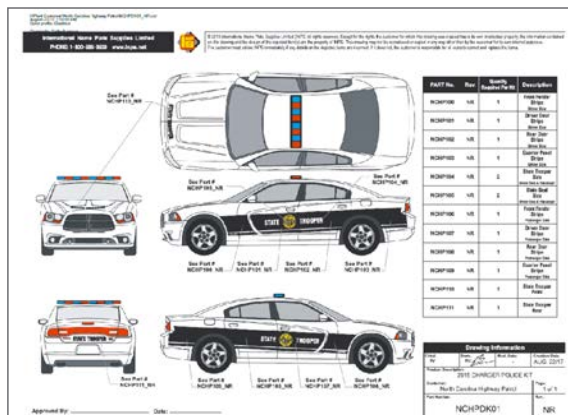
Router Engraving





# Kitting

## CAPABILITIES







## Painting

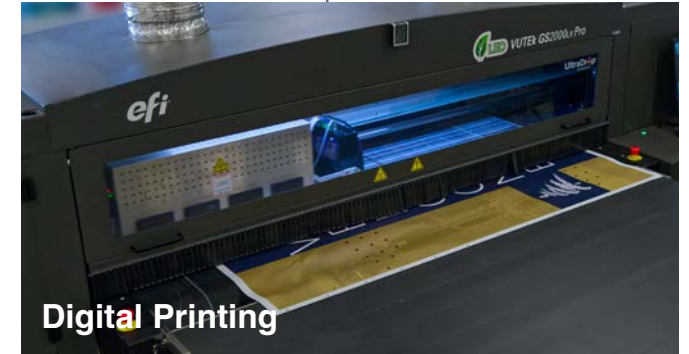
## CAPABILITIES







Screen Printing Example



Digital Printing



Screen Printing



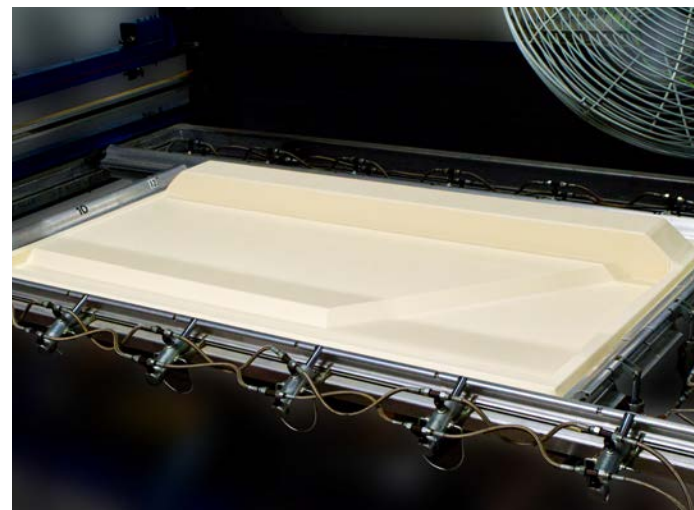
Up to 5' x 12'





# Thermoforming

## CAPABILITIES



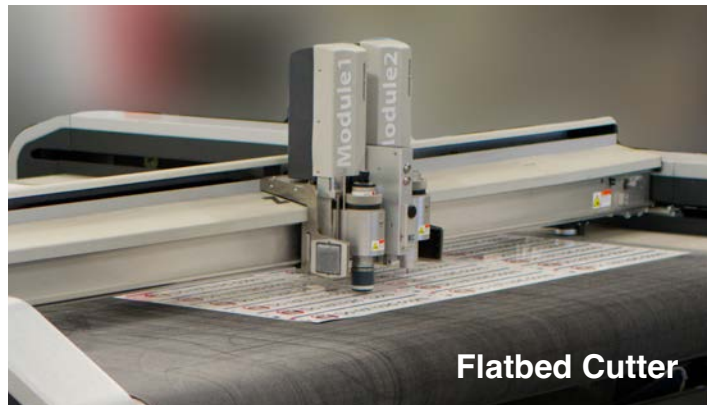


# Vinyl Cutting

## CAPABILITIES



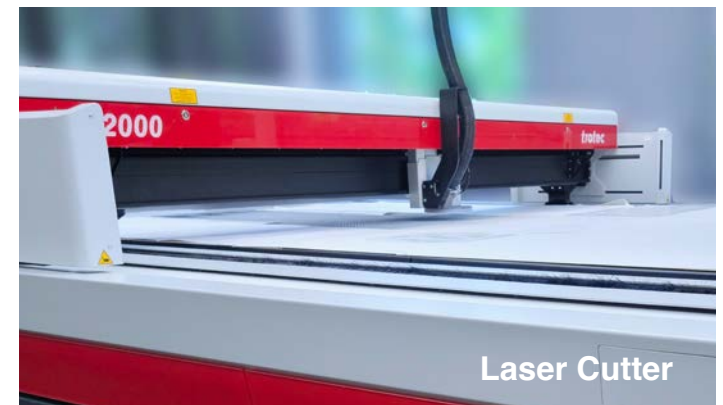
Vinyl Cutting Example



Flatbed Cutter



Drum Cutter



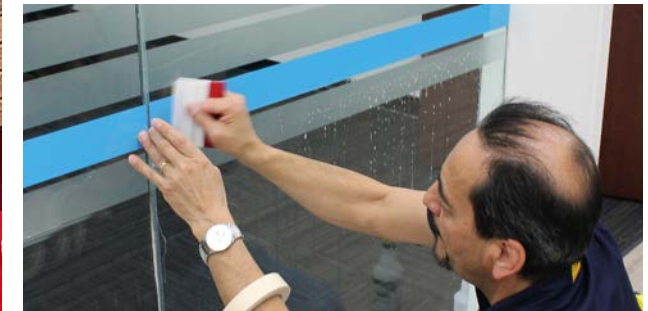
Laser Cutter





## 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

Brake badge plates

Cab interiors

Caution tags

Ceiling panels

Clear glass coatings

Colour match patches

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

Railcar decal kits

Rail car / locomotive renumbering

Rail car / locomotive wrapping

Railroad graphics

Reflective tape

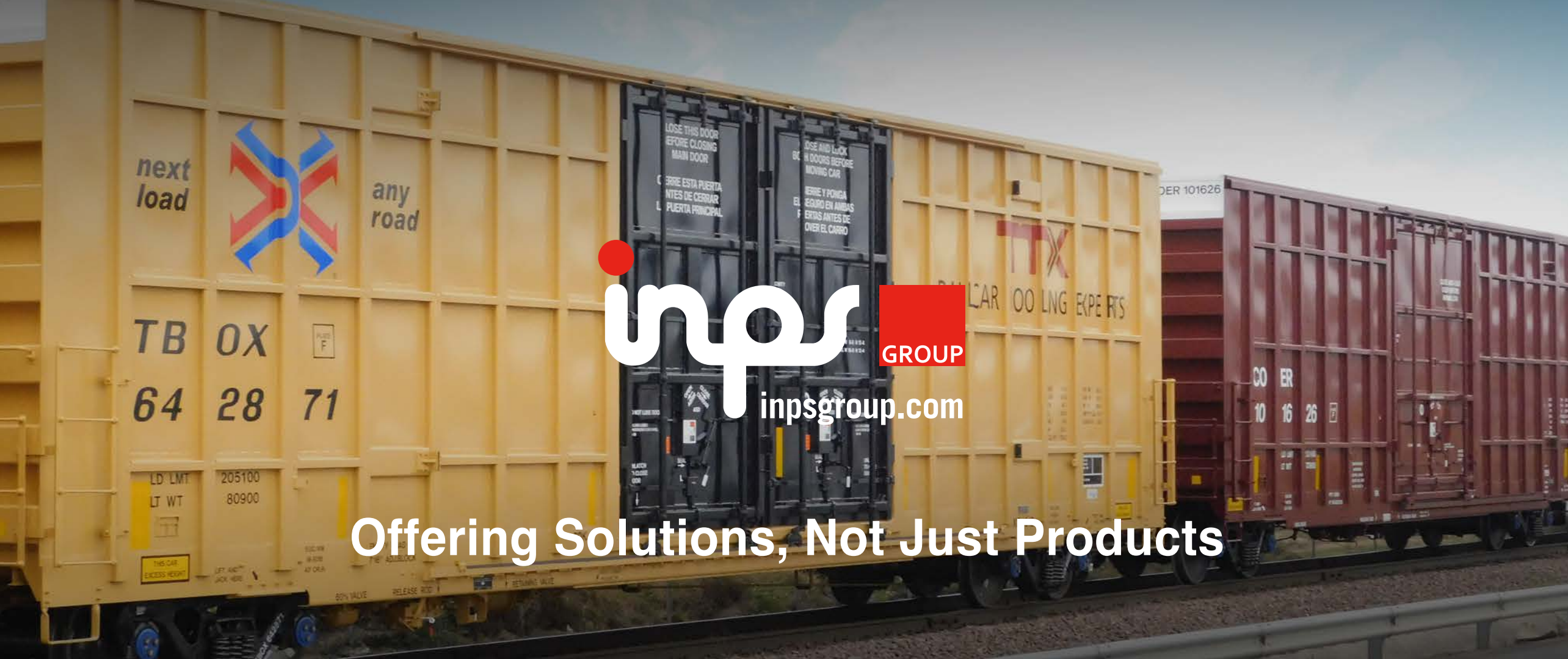
Stencils

Switch lens caps

Tank ID tags

Vinyl cut letters & numbers





# Offering Solutions, Not Just Products

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

