



Providing
Solutions

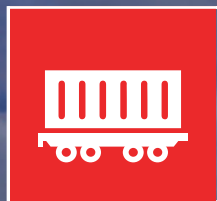


to the Rail, Transit
and Graphic
Industries since 1966



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

Whatever your requirements we have the solution.



RAIL Solutions





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



Vehicle wraps,
Architectural finishes,
Corporate office
resurfacing



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



RAIL Solutions

FREIGHT PRODUCTS

Railcar Remarking/Mobile Crews

AEI Tags, Tank ID Tags

Conspicuity Tape

Comparison Panel Kits

Railcar Corporate Branding

Brake Plates

Custom Regulatory Decals

LOCOMOTIVE PRODUCTS

Sound Damping

Custom Locomotive Graphics

Mobile Installations

Banana APU

Orange Air Conditioner

HPPL Products

Manufacturing Capabilities



RAILSolutions

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 REMARKING / MOBILE CREWS



North American Wide Installation & Program Management

Our capabilities include, but are not limited to:

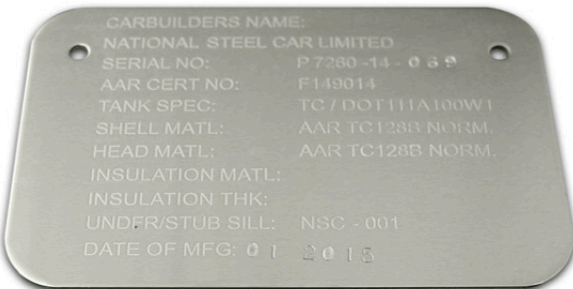
- Decal removal and application
- Colour match patches so reporting number and logos can be remarked
- Reflective tape application
- Reporting marks
- AEI tag re-programming

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

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



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

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!



Replace

Replace

Pass

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



RAILCAR CORPORATE BRANDING

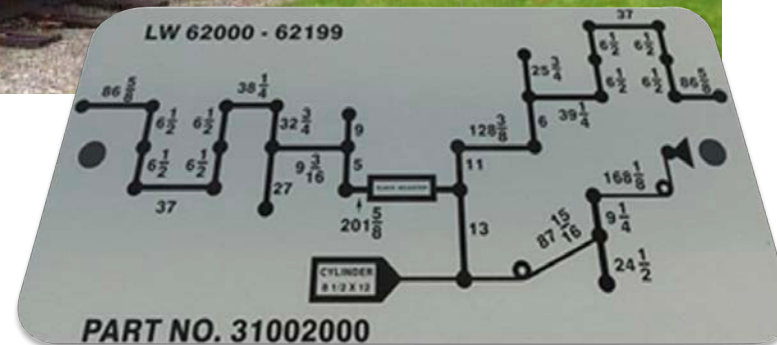


Branding is important in today's world

- 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

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 REGULATORY DECALS



Decal Kits that integrate with your production

Railcar Decal Kits

Ability to adapt the kitting process to your needs

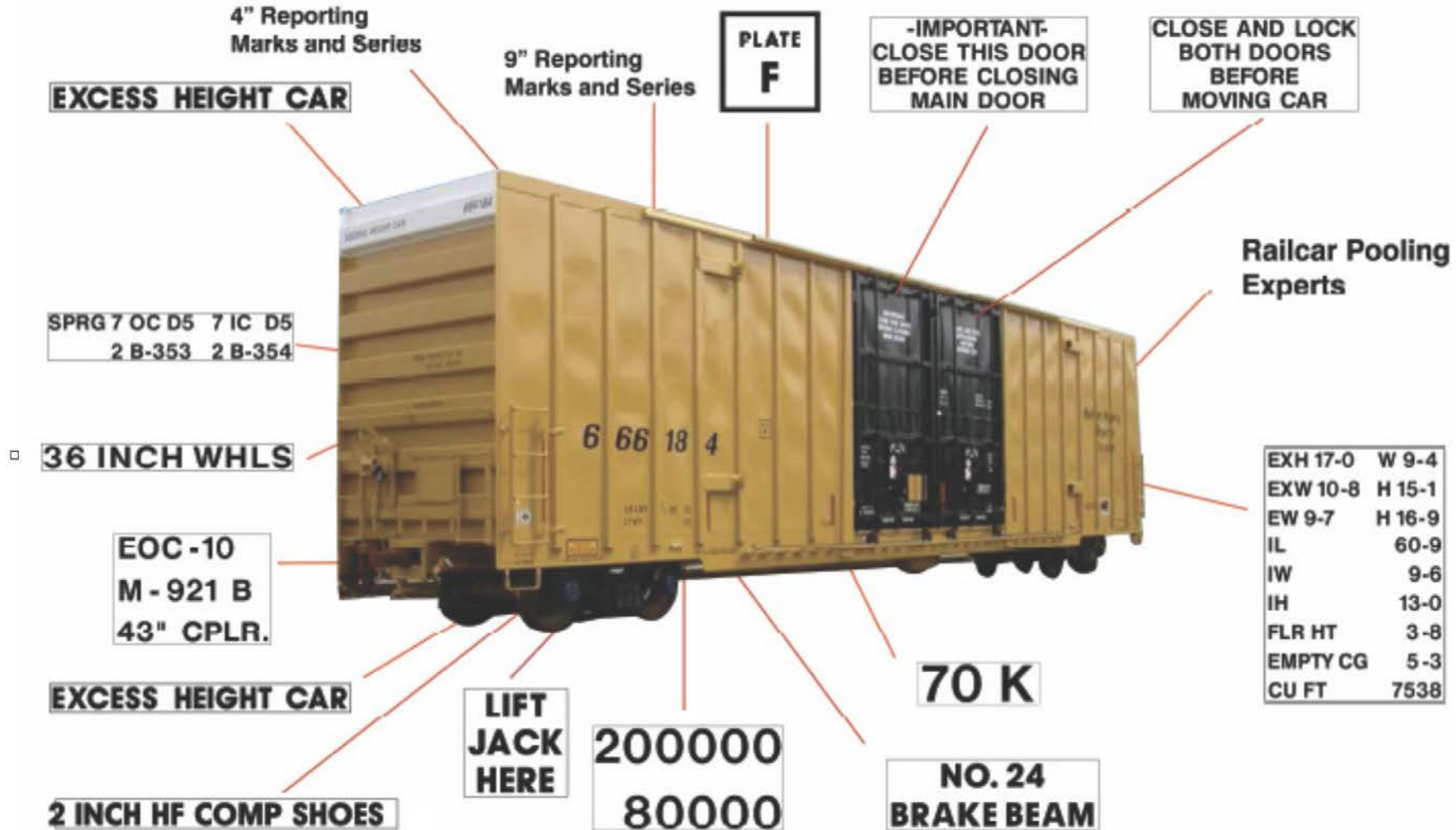
Comprehensive and customized decal sets
available to both OEM and remarking clients

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



CUSTOM REGULATORY DECALS continued

Ship Location: WAYCROSS GA ☒ Partial Kit Order

Order Date: 04/21/2017 Due In Plant Date: 04/21/2017 P.O. #:

Ordered By: petapleton@inps.ca Copy To: (separate all email addresses with a comma ",")

PART 1 of 6

☐ Color Scheme = Black Car with WHITE DECALS 4690729000
☐ Color Scheme = White or Gray Car with BLACK DECALS 4690730000
☐ Color Scheme = OTHER (please specify decal color) 4690730000

Check appropriate box for all decals required.

	Color	Size	Qty	INPS Part #
<input checked="" type="checkbox"/> 1 Car Number		9"	2	INPS-1003-300
<input type="checkbox"/> 2 LD LMT LBS. KOS.		4"	2	INPS-1003-301
<input type="checkbox"/> 3 LT WT LBS. KOS.		3"	2	INPS-1003-302
<input type="checkbox"/> 4 Star Stand		3"	2	INPS-1009-303
<input type="checkbox"/> 5 Plate		10" X 10"	2	INPS-1009-145
<input type="checkbox"/> 6 AAR- BR BM		1-1/2"	2	INPS-1003-374
<input type="checkbox"/> 7 36 IN STL WHLS		1-1/2"	2	INPS-1009-375
<input type="checkbox"/> 8 SPRINGS D-		1-1/2"	2	INPS-1009-376
<input type="checkbox"/> 9 Shoes		1-1/2"	4	INPS-1009-311
<input type="checkbox"/> 10 Leased To		2"	2	INPS-1003-312
<input checked="" type="checkbox"/> 11 Defect Card		1/2"	1	INPS-1003-313
<input type="checkbox"/> 12 Manure Style		1"	1	
<input type="checkbox"/> 13 2% Outage @		1"	2	INPS-1009-308
<input type="checkbox"/> 14 SS Inap		1"	2	INPS-1009-307
<input type="checkbox"/> 15 Rule 8862 INSP		1"	2	INPS-1003-314
<input type="checkbox"/> 16 CAPI US GAL		2"	2	INPS-1009-378
<input type="checkbox"/> 17 CAPI L				
<input type="checkbox"/> 18 Water Capacity		1 1/2"	2	INPS-1009-305

PART 1 OF 6

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

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.

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.

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.



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



BANANA APU



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



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

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

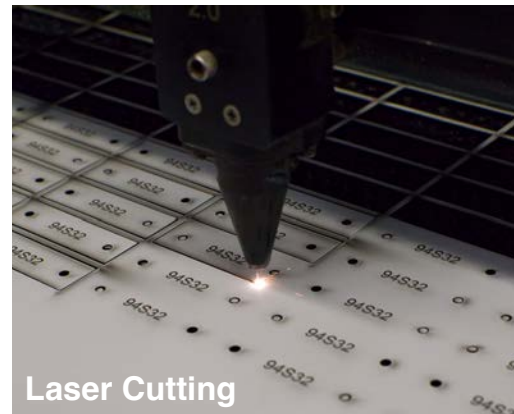
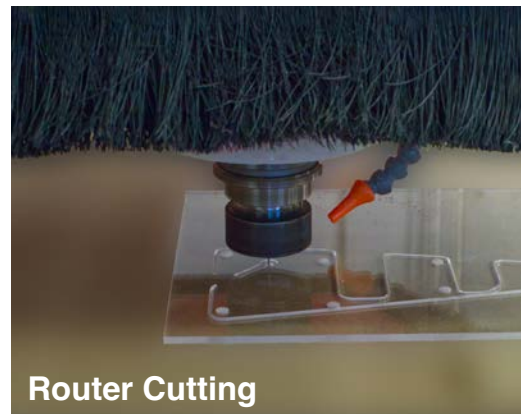
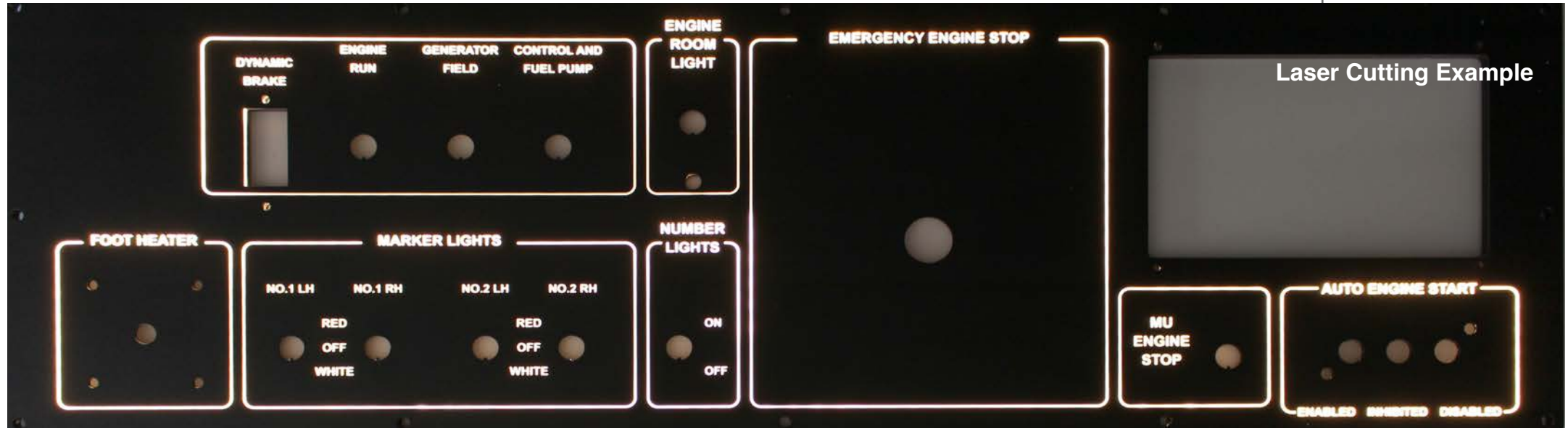
INSTALLATION

Graphics, Buildings, Trucks, Trains



CNC Cutting

CAPABILITIES





Composites

CAPABILITIES



Fiberglass – Polyester Resin





Converting

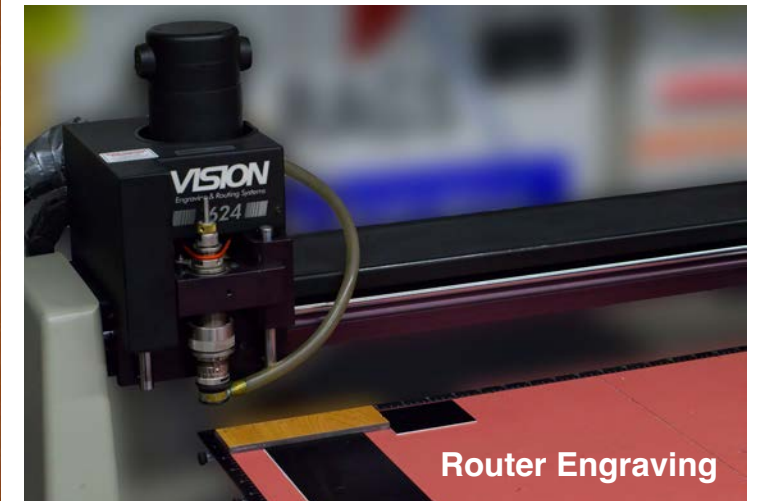
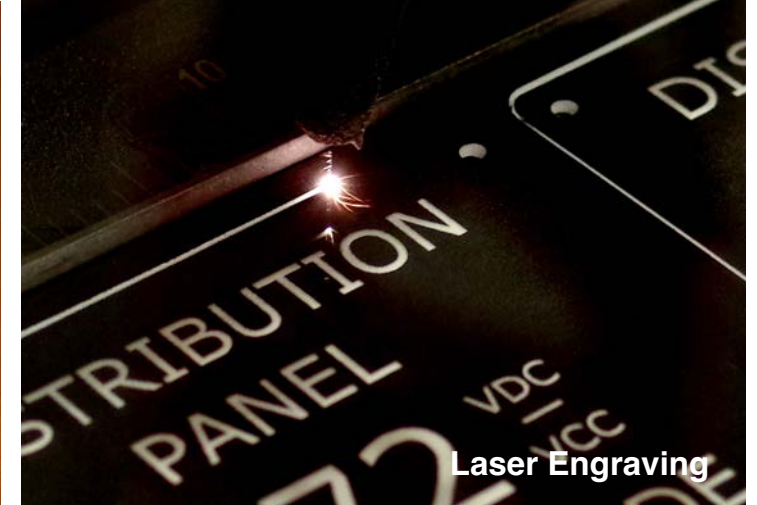
CAPABILITIES





Engraving

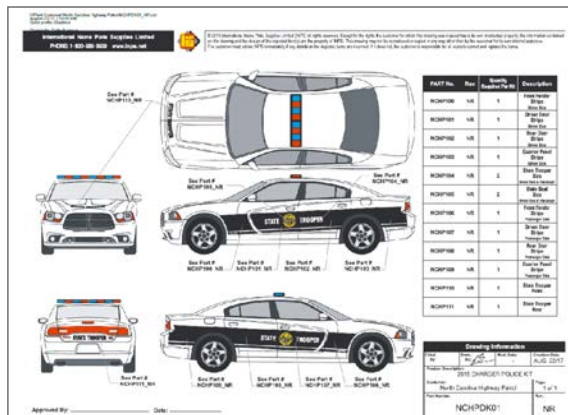
CAPABILITIES





Kitting

CAPABILITIES





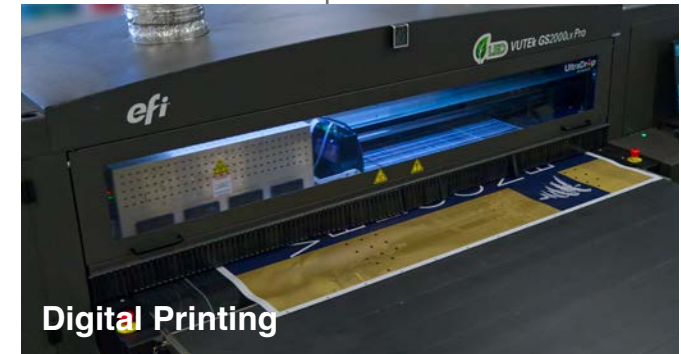
Painting

CAPABILITIES





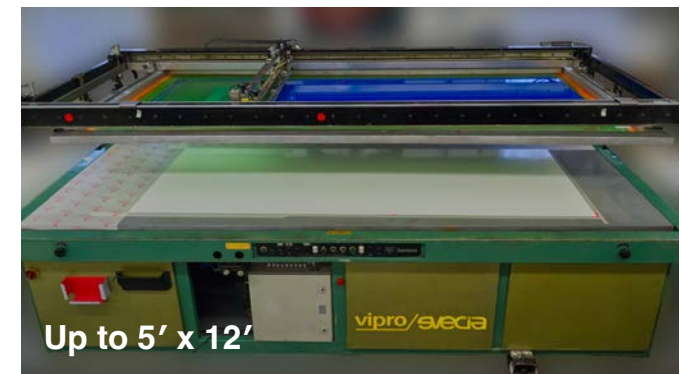
Screen Printing Example



Digital Printing



Screen Printing

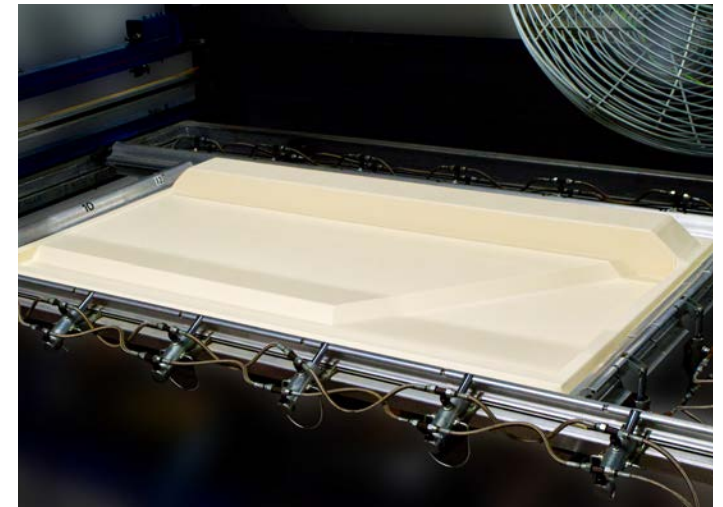


Up to 5' x 12'



Thermoforming

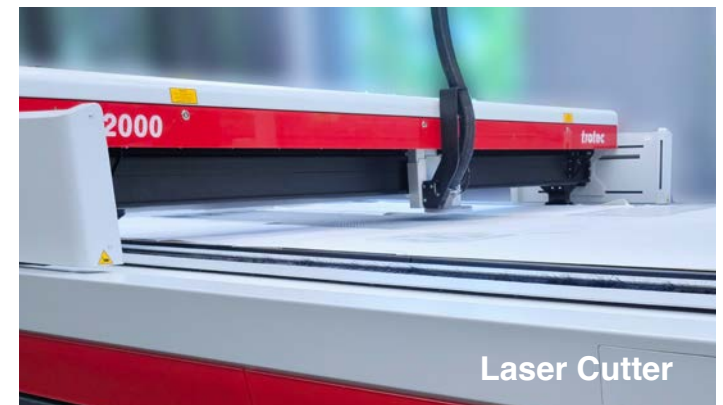
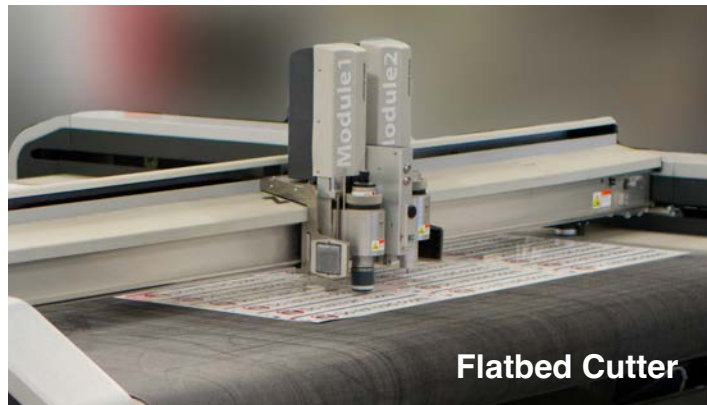
CAPABILITIES





Vinyl Cutting

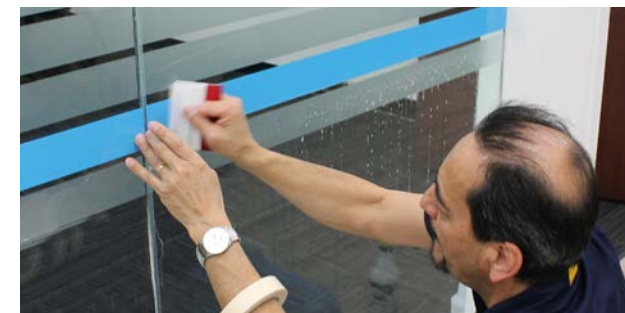
CAPABILITIES





Installation

CAPABILITIES





RAIL Solutions

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

