

i-3 Intercept® ULTRA Conversion



i-3 Intercept Tinplate to ULTRA Conversion Overview

ROLL FORMER

Includes:

Rolls: Special roll tooling is used to form the ULTRA material

Hardened Encoder Bracket: Prevents grooving by the ULTRA material passing through

Drive System Rebuild: All sprockets and chains are replaced. Stands, bearings and rails are inspected to ensure proper operation

Corner Crimper Added at End of Roll Former:
This applies a slight dimple to each corner web resulting in a positive inward fold of the corner

FEEDER PRESS

Includes:

Pneumatics: Retain existing cylinders and add dual-zone pre-charge control allowing pre-charge pressure in the corner and leading tab punch cylinders to be controlled independently

Die Tooling: Custom engineered corner, tab, and muntin tooling replaces the standard parts to ensure long life of the hole tooling

Gas Hole Tooling: Carbide punch and matrix bushings ensure long life of the hole tooling

Roller Gibs: These assemblies have precision gapped rollers between which the punched strip passes. These rollers flatten the strip after the corner and leading tabs to decrease strip jams

Hardened Feed Rolls: Hardened tool steel strip feeder rolls are installed which avoid roll grooving by ULTRA material

* Includes Quality Inspection of the Intercept line

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Consider GED for all your needs

ADDITIONAL ON-SITE RETROFIT APPLICATIONS

CUTOFF PRESS—ON-SITE RETROFIT

- **Die Tooling:** Hardened tooling replaces the standard parts to facilitate proper cutting and forming of the ULTRA material

EXTRUDER—ON-SITE RETROFIT

- **Hardened Spacer Hold-Downs:** Hardened tool steel hold-downs are fitted to the Extruder heads to avoid grooving by ULTRA material
- **Roller Infeed Guides:** Replace the side guides to prevent premature wear of the Spacer guides

CONVERSION:

- **i-3 Intercept Conversion:** i-3 conversion completed ONLY at the customer site
- Options for install to start on weekend and continue for one (1) week

Glass Fabrication

IG Spacer Fabrication

Glass Cutting & Loading

Glass Washing

Muntin Fabrication

Screen Systems

Decorative Glass Solutions

Window Fabrication

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Fabrication

Welding

i-3 SmartLoad Welding System

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