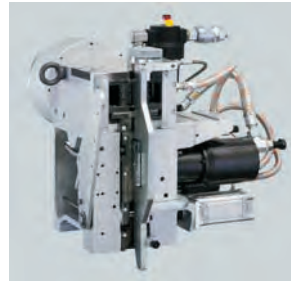


Samuel/Titan Welded Joint

Samuel recommends the highly reliable welded strap joint technology from Titan. Using the TIG process, the VS-32 strapping head creates a welded joint without contact between the electrode and the strapping. Using an inert atmosphere of argon, the head can seal painted or blued strapping at joint efficiencies up to 90% with no mechanical clips or wearing sealing dies.

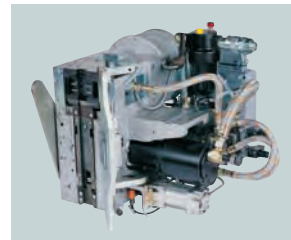
Advantages of the TIG Weld Joint

- Maximum safety with a double welded joint (two weld locations), providing seal performances up to 90% of the breaking load of the strapping
- Electronically controlled welding operation provides full weld-penetration on painted strapping
- No transfer of heat onto the package during welding
- Flat seal joint allows strap on strap applications and ensure joint integrity even with crushing damage caused by handling
- Meets AAR and ASTM standards



VS32 Steel Strapping Head

- For use with steel strapping up to 1 1/4" wide.
- Double Spot weld joint, up to 90% efficiency
- Pneumatic configuration
- No transfer of heat onto the package during the welding process

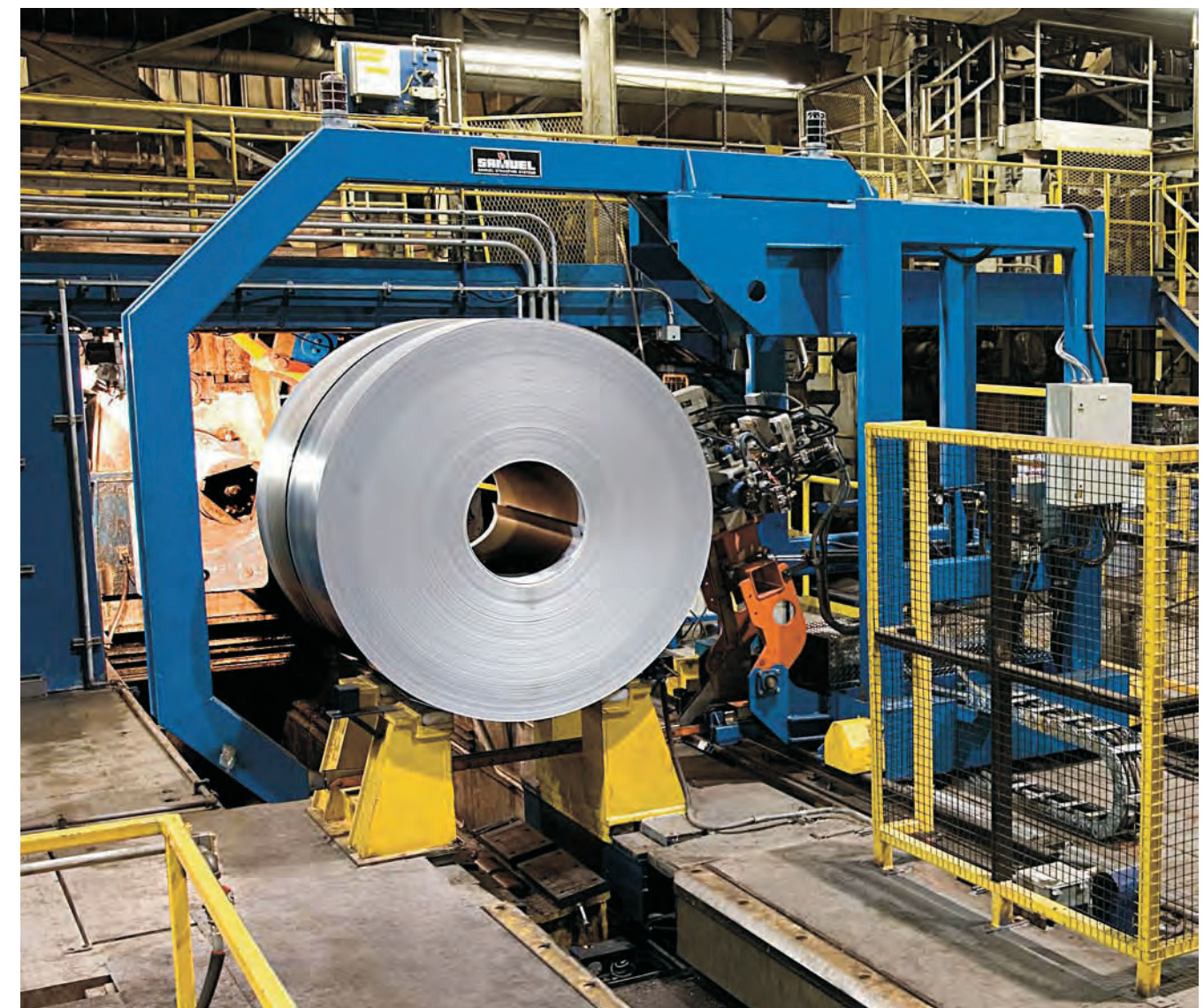


VS31 Steel Strapping Head

- For use with steel strapping up to 1 1/4" wide.
- 3-notch punch joint effectively prevents the strap from reopening
- Pneumatic configuration
- The sealing performance of the joint achieves up to 85% of the breaking load of the strap

Strapping Heads for use with Polyester Strapping are also Available

Equipment Solutions for Integrated Coil Mills



Samuel Strapping Systems

Packaging and Unitizing Solutions

www.samuelstrapping.com

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Material Handling and Packaging Solutions for Integrated Coil Mills

Samuel Strapping Systems specializes in the design and manufacture of custom automatic strapping machines and material handling solutions for the metals processing industry. Applications ranging from slit coil banders in service centers, to circumferential and through-the-eye banders for larger coils, Samuel Strapping has successful systems in use around the world.

Working with suppliers of the world's finest strapping heads, Samuel Strapping is able to offer the best solution to all strapping requirements. Service and parts on every machine sold are available directly from Samuel Strapping Systems.



High speed dual head circumferential strapper for hot coils @ 800° F



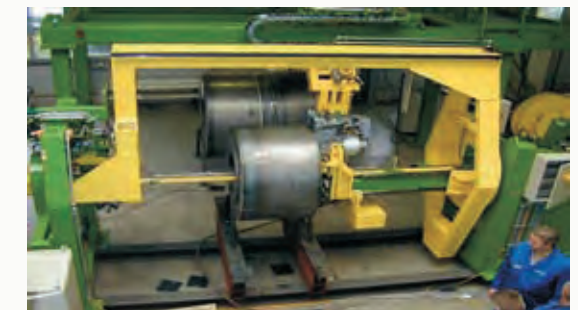
Circumferential Coil Strapping
Eye Perpendicular



I.D. Strapping Eye Parallel



Circumferential Eye Parallel



I.D. Strapping Eye Perpendicular



Our double welded joint (two weld locations) provides seal performances up to 90% of the breaking load of the strapping.