

NEWS RELEASE

Custom Steel Processing Opens New Coil Center

Madison, IL – Custom Steel Processing, Inc, a newly formed flat rolled steel distributor and coil processor opened a new coil processing and distribution center in Madison, IL, across the river from St. Louis. Custom Steel Processing will process and distribute prime quality hot rolled, cold rolled, and coated carbon steel coil to metal forming and stamping OEMs throughout the central and southern United States.

Unlike many start-up metal service centers that begin life with second-hand equipment, Custom Steel Processing elected to start as a premium-quality metal service center and equipped its operation with a new custom built state-of-the-art Braner/Loopco coil slitting line. Electing the new equipment route (versus used-rebuilt equipment) assured Custom Steel Processing a predictably smooth operational start-up and gave its customers assurance of a first-rate product and reliable on time deliveries.



60,000# x 60" x 1/4" - .015" Turret Slitting Line

The new Custom Steel Processing slitting line is capable of processing 60,000# x 60" wide coils in gauges from .015" through 1/4". A 10" arbor x 300 HP *Turret Head Slitter* and a 250 HP two-ratio Recoiler allows Custom Steel to slit up to 8 cuts in 1/4" and 12 cuts in 3/16" grade 80, and up to 10 cuts in 1/4" and 16 cuts in 3/16" mild steel coils. Lighter gauges from .090" down to .015" are processed in the "single-loop" mode at 1,000 FPM.

Compact High Pass Line: The new slitting line employs the modern compact "high pass line" configuration that positions the equipment between the Uncoiler and Recoiler at the coil OD rather than at the coil ID and shortens the overall line length. This line arrangement provides benefits such as:

- Faster coil threading due to compact line length and elimination of reverse strip bending during threading.
- No coil-breaks from "reverse-bending" against the natural coil-set.

- No deflector roll surface scuffing because all deflector rolls are positioned under the strip, not over.
- Straighter slit coil side walls, the result of a large exit roll wrap angle.
- Improved productivity from faster threading and better strip tracking



Entry Coil Storage & Loading

Turret Head Slitter: A Turret Head Slitter with two quick-change 10" x 300 HP slitter heads gives Custom Steel Processing the ability to process 8 cuts of 1/4" x 80,000 min. yield hot rolled coil and up to 16 cuts in 3/16" grade 50. Turret Slitters feature "mill-duty" construction; unobstructed access to the slitter arbors to minimize set-up time; pushbutton positioning; and one-minute slitter head exchanges.



60" x 10" x 300 HP Turret Head Slitter

(continued on reverse side)

Adjustable Overarm: The Overarm Separator is attached to the Exit Unit and is supported from both inboard and outboard sides for structural rigidity. To correct for minor Overarm tooling misalignment that can scuff and damage light gauge coil side walls, the entire Overarm frame can be adjusted laterally while running. To speed threading, a funnel plate mounted in the Overarm frame combined with a hydraulically positioned table directs slit strips into the Recoiler gripper bar. Overarm re-tooling is accomplished in short order by loading a pre-tooled arbor onto the swing-out Overarm shaft.



Exit End Shear & Adjustable Overarm

“Speed-Load” Recoiler Fillers: The Custom Steel Processing slitting line is capable of producing slit coil with coil IDs of 20” or 24”. Winding onto the base Recoiler drum generates 20” ID coils while winding onto “Fillers” generates 24” ID coils. The Fillers employed in the Custom Steel Processing slitting line are Braner/Loopco’s exclusive “Speed-Load” Fillers that mount and dismount in one-minute (see www.braner.com for a demonstration). By comparison, the common “bolt-on” Recoiler Fillers requires 10 to 20 minutes to install and remove.



Coil Car Loaded “Speed Load” Recoiler Filler



250 HP 2 Ratio Recoiler



The Custom Steel Processing Team

Rich Kraut, VP Operations - Custom Steel: “Our goal is for Custom Steel Processing to become the best flat rolled coil distributor and processor in our market. We decided that starting our business with second-hand machinery would be a quality and reliability gamble, so we decided to buy a new heavy-duty slitting line built to our specifications. We bought the slitting line from Braner/Loopco because of their experience, equipment features, super heavy equipment construction, and technical support. The slitting line was delivered on time, installed on time, started on time, and we are pleased with its performance and the first-class quality product it produces. No question, we have the best equipment in our market.”



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