

NEWS RELEASE

Jennmar Installs 60,000# x 5/16" Turret Head™ Slitting Line

Cresson, PA – Jennmar Corporation, a multi-facility steel coil processor and distributor has installed its third Braner/Loopco high-performance Single-Loop Turret Head™ Slitting and Packaging Line in its Cresson, PA coil processing and manufacturing facility about 60-miles east of Pittsburgh. Jennmar operates two additional Braner/Loopco Slitting & Packaging Lines at its facility in Charleston, SC. Jennmar's latest new Slitting Line has the capacity to process 60,000# x 80,000 PSI yield strength hot rolled black, pickled, cold rolled and galvanized carbon steel coils in gauges from .024" through 5/16" at line speeds to 1,000 FPM.



Single-Loop Turret Head™ Slitting Line processes high-strength hot rolled and cold rolled carbon steel coils in gauges from .024" through 5/16" in tight-line, push-pull, and single-loop operating modes.



Jennmar's Turret Head™ Slitting Line is equipped with Entry & Exit 4-Arm Turnstiles, Coil Straightener, Entry & Exit Shears, and 700 line horsepower.



Jennmar's Slitting Line is an example of Braner/Loopco's high-performance compact high pass line arrangement that positions the Uncoiler and Recoiler at floor level with the strip processing section elevated. Benefits include elimination of reverse-bend coil-breaks, elimination of strip surface damage from deflector roll scuffing, and superb coil tracking that produces tight straight side-wall slit coils. The compact line conserves floor space, speeds coil threading, and provides excellent sight line visibility without cameras and monitors.



60,000# master coils are handled by an expanding mandrel shifting base Uncoiler. Lightweight Uncoiler Fillers are quickly installed for handling large hot band coil IDs. An Entry Coil Straightener removes heavy-gauge coil-set and threads the strip to the Crop Shear and Turret Head™ Slitter, while hydraulic cylinder positioned thru-hardened 52100 tool steel Side Guides position the strip. A fiber-optic hydraulic servo Edge Guide System maintains coil edge position while running. A Hydraulic Guillotine Shear crops coil ends and deposits the scrap into a power travel and unload Scrap Cart.

Pushbutton Tooling Lock-Up Turret Head™ Slitter: The Jennmar Slitting Line includes a Turret Head™ Slitter equipped with two (2) quick-change Pushbutton Tooling Lock-Up slitter heads and a 300 HP-DC drive train. Turret Head™ Slitter arbors are mounted in precision machine tool quality bearings installed in massive one-piece stress-relieved and precision machined solid steel arbor housings. The rotatable Turret is mounted on a precision anti-friction ring bearing, which assures precise arbor alignment and makes slitter head exchange quick and effortless. The out-board arbor housing is supported on precision anti-friction machine tool slides and is engaged and disengaged by pushbutton. Large precision machined aluminum-bronze guide blocks secure the adjustable upper arbor bearing boxes in the arbor housings. The unique design produces "zero" axial arbor play and precise slitting tolerances. Due to its unique patented design, Turret Head™ Slitters can be re-tooled quicker and heads exchanged faster than with any other type multi-head or knife transfer slitter. Reliability is bullet-proof.



Turret Head™ Slitters are rugged, precise, and are bullet-proof reliable. Head change time is less than two-minutes. Jennmar's "Pushbutton Tooling Lock-Up" allows re-tooling to be accomplished fast, and arbor/nut thread maintenance and repair is eliminated.

Braner
USA

Loopco



A pneumatic Pad Tensioner generates strip tension necessary to produce tight straight-wall slit coils. To reduce order change down-time, the tension pads can be exchanged in 60-seconds when the pad surface is worn, and the underarm separator arbor can be exchanged with a pre-tooled arbor in 30-seconds.



The Overarm Separator is rigidly attached from both inboard and outboard sides to the Exit Unit base frame, which eliminates Overarm frame deflection and misalignment that causes coil side-wall scuffing and oscillation. Hydraulic cylinder engaged Coil Tail Hold-Downs firmly capture the high-strength coil tails to prevent clock-springing while applying OD coil bands. An Exit Shear is equipped with a Tail Feed that ejects sheared tails from the Shear. A patented "no bolt" Speed Load Filler gives Jennmar the ability to switch from 20" ID to 24" ID coils in about 2-minutes, which compared with "bolt-on" Fillers saves Jennmar 15 to 20-minutes every time IDs have to be changed.



Slit coils are removed from the Recoiler and transferred to a 4-Arm Turnstile via Coil Car. The Car is equipped with an Overarm Hold-Down that stabilizes narrow coils during transport. Wireless radio controls eliminate electric cable maintenance and allows the operator to keep a safe distance away from the coil and Coil Car when operating.



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Slit coils generated by Jennmar's Turret Head™ Slitting Line are quickly and efficiently packaged on a Compact Packaging System. The System has the capacity to handle 10,000# coils from 1" to 24" wide.



Slit coils are removed from the 4-Arm Turnstile and positioned onto power conveyor by an "Operatorless" Programmable Downender. The operation of the Downender is fully automatic and operatorless after the slit coil width data is programmed into a PLC controller.



Coil strapping is quickly and easily accomplished on a semi-automatic Coiltech Strapping Machine. A pushbutton operated Power Coil Grab is employed for palletizing and coil stacking.

Quality, Performance, Bullet-Proof Reliability, know-how from building 600+ Slitting Lines, plus outstanding technical support made Jennmar Corporation's choice of its third heavy Braner/Loopco Slitting Line a "no-brainer".



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