

E-Stud Line

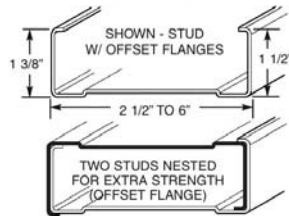
The main objective to manufacturing your own Stud and Track is to **Eliminate Manufacturing Costs, Inventories and Scrap Loss and to produce studs to size on a Just-In-Time basis.** With most Other Stud Lines, You end up with a system that requires a lot of operator expertise with extensive downtime for roll tooling spacer changes and Cut-off Die Set-ups. Time consuming Stud To Track Coil changeovers reduce the production capabilities and generate extensive scrap loss.

The E-Stud Line was designed as an Economical Alternative to Eliminate all the Extensive Set-ups and Changeovers and to Maximize your overall Stud and Track Production. Eliminating the coil changeover from Stud to Track is a real time saver and allows you to run and/or bundle everything needed for a wall or section on a just-in-time basis.

The E-Stud uses a Programmable Pre-Punch, Pre-Cut System along with a Variable Head Rollformer. These features are usually found only on heavier Industrial Stud, Track and Girt Lines. The Programmable Pre-Cut System produces a better cut-off end condition and eliminates die changes between stud sizes and Stud-to-Track changeover. The Variable Head Rollformer is designed to position and vary the rolls using a simple leadscrew setting in less than a minute. This gives you an infinite variation from the widest to narrowest Stud and Track size range, eliminating a time consuming spacer set-up and limited size selection. Tracks can be sized to fit the Studs throughout the full gauge range for a snug tight fit.

All E-Stud Lines feature quality Punch and Cut-Off Dies, All Gear Drives, Heavy-Duty Spindles and Bearing and Full Hardened Rolls to assure years of maintenance free service.

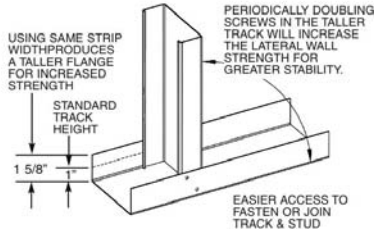
STUD W/STIFFENER BEAD IN WEB



TWO STUDS NESTED FOR EXTRA STRENGTH (OFFSET FLANGE)

NESTED STUDS PROVIDE ADDITIONAL STRENGTH FOR DOOR JAMB, HEADER & WINDOW AREAS

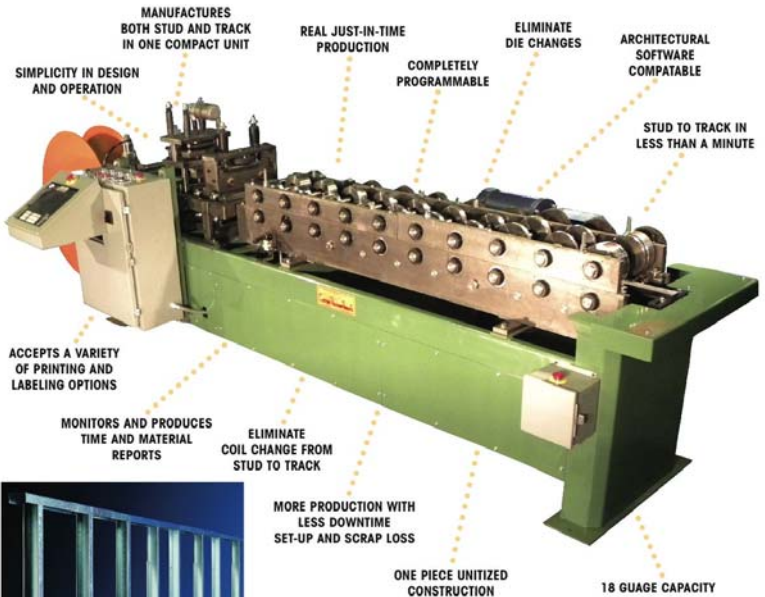
PUNCH STYLES



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The E-STUD LINE

Stud & Track Systems

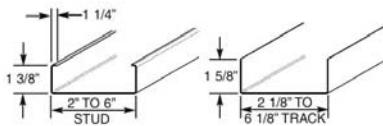


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"Quality Designs Means Production You Can Afford"

The E-STUD LINE

Stud & Track Systems



NO COIL CHANGE REQUIRED
USES THE SAME COIL STRIP WIDTH
ONE MINUTE CHANGEVER

The E-Stud Line is compact and designed for the light commercial industry. Its unitized construction allows it to be taken to the job site, relocated within the Plant where needed or easily stored between jobs or applications. This is Not a light duty, chain drive, portable, job site throw away. The E-Stud eliminates extensive coil changeovers and roll spacer tooling set-ups. Once you understand all the features the E-Stud provides, nothing else will compare in price, for years of dependable service.



The E-Stud Line was developed by Custom Rollform Products as an Economical System to manufacture Stud and Track on a just-in-time basis. It offers the latest concepts in quick-change set-ups that allow you to convert from Stud to Track in less than a minute. This allows manufacturers of Pre-fabricated Housings and Major Contractors to produce cut-to-length sections On-time and as needed without hours of Set-ups, Coil Changes and Excessive Scrap Loss.

Material Specifications

Material: Galvanized Mild Steel
Gauge: 18 Ga. (.048) to 26 Ga. (.018)
Stud Lengths: 18" and longer
Stud Flange: 1 3/8" with 1/4" return flange
Track Flange: 1 5/8"
Approximate Strip Width: 5' TO 9'
Length Accuracy: ±.06

Standard Features

- Quick change Stud to Track < 1 minute
- No coil change from Stud to Track
- Infinite width variables (no fixed spacer set-up)
- Pre-Punch and Cut-Off (no die change)
- All Gear Drive
- Variable Speed up to 100' FPM
- Heavy-Duty Spindles and Bearing
- Full Hard Roll Tooling 60 Rc (not stainless steel)
- Hydraulic Punch and Cut-Off Press (A-2 tool steel)
- Integrated Coil Reel
- Rugged Tube Frame Construction
- User Friendly Controls
- Heavy-Duty Commercial Design for maximum wear life

Available Options

- ✓ 1 5/8" Stud Flange (E-Stud Plus Series)
- ✓ Ink Jet Printer or Bar Code Labeler
- ✓ Office PC Integration (Eclipse)
- ✓ Upgrade Decoller or Uncoupler
- ✓ Integrated Design and Engineering Software

Programmable Micro Process Controller

- ▶ Simple Keyboard Entry
- ▶ 1000 Batch Memory
- ▶ Monitors material usage and scrap loss
- ▶ Tracks downtime and production
- ▶ Multiple Printer Options
- ▶ Accepts Eclipse Software



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Pre-Punch and Cut-Off Eliminates Die Changeovers

The Direct Feed Programmable Pre-Punch and Cut-Off feature eliminates die changeovers and produces a cleaner end condition on the studs. The Pre-Cut System also Eliminates all the Downtime and Scrap Loss when changing from Stud to Track.

Variable Width Rollform

The main feature that really makes this system great is our Variable Head Rollformer that positions the roll tooling with simple lead screw handwheel. The variable tooling is the same concept used on all our heavy duty industrial Stud and Track and Joist Rollformers. We are the only company that offers this feature on a Stud and Track System in this price range.



Our Variable Width Rollform design positions the roll tooling with a simple lead screw handwheel. The variable tooling design allows the operator to make width change-overs in less than one (1) minute.

PROGRAMMABLE CONTROLS



PRINTING OPTION AVAILABLE

The E-Stud features our Programmable Micro Process Length Batch Controller to Sequence the Hole Punch and Cut-Off Press/Die. Feed length and hole patterns can directly be keyboard entered and stored in memory. System adapts to add label printing or ink jet application.

ARCHITECTURAL SOFTWARE READY

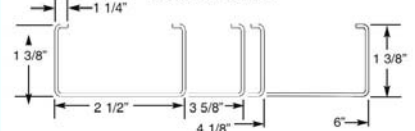
With optional software Keymark's Key Build or Argos Systems can be added to develop and download production parts directly from architectural plans. The system can also schedule, and monitor daily production, downtime and material reports directly from an in-office computer.

ECLIPSE COMPATIBLE



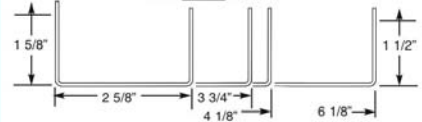
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STD. STUD WIDTHS



INFINITELY VARIABLE WITH NO FIXED SPACER CHANGE-OVER (FULL RANGE ADJUSTMENT LESS THAN A MINUTE)
NOTE! E-STUD PLUS PRODUCES 1 5/8" STUD FLANGE

STD. TRACK WIDTHS



CHANGE FROM FLANGED STUD TO TRACK IN SECONDS.
STUD & TRACK ARE MFG. FROM SAME STRIP WIDTH
ELIMINATING COIL CHANGE-OVERS.