

The KS-2025 is our fast and efficient non-structural stud and track machine. It is able to form 20 to 25 gauge steel into five component web widths and one flange height. With a nominal speed of 100-ft per minute it is ideal for both residential and commercial uses.

Stud and Track Sizes

Web: 1.63, 2.50, 3.63, 4.00, and 6.00-in
Flange: 1.25-in
Lip: Up to 0.30-in maximum
R: 0.060-in (inside Bend Radius)

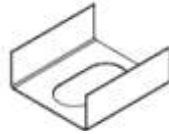
Your KS-2025 FRAMEMAKER[®] *Series* can be set-up with a Service Hole or a Custom Punch of your choice. You can also add In-Line Printing, and PC - Controller Software allowing you to label each component and control your machine from your computer. Each option may be included with your machine or added later as your needs evolve.

Stud and Track Component Features

Your Custom Punch

?

Service Hole



Knurling



Knudson is with you every step of the way with un-match service and support. Free training and set-up at our factory or yours, unlimited technical support via email and phone, plus the industries best warranty and service are included.



FRAMEMAKER[®] **Series Advantages**

- Versatile Gauge, Size, and Feature Ranges
- Tool Features that Match your Needs
- Easy Set-up, Changeover, and Operation
- Machinery Evolves with your Business
- Complete Training, Set-up, and Technical Support
- Un-matched Warranty and Service

Knudson Mfg., Inc. Since 1957

Specifications

Components:	Stud Sizes	Track Sizes
• Web Width:	1.63, 2.50, 3.63, 4.00, and 6.00-in	1.71, 2.28, 3.71, 4.08, and 6.08-in
• Flange Height:	1.25-in	0.98-in recommended, 1.50-in maximum
• Lip Width:	0.30-in maximum	N/A
• Inside Bend Radius:	0.060-in	0.060-in

Material Specifications:	
	• Material: Steel: Galvanized, Painted, Bare Pre-Finished
	• Thickness: 0.019 - 0.043-in
	• Strength: Max Tensile: 70-ksi, Max Yield: 50-ksi, (ASTM A 653 06a Grade 50)

Coil Strip Widths:	Stud Material Max Sheet Width	Track Material Max Sheet Width
	1.63-in Web = 5.00-in	1.71-in Web = 5.00-in
	2.50-in Web = 6.00-in	2.58-in Web = 6.00-in
	3.63-in Web = 7.00-in	3.71-in Web = 7.00-in
	4.00-in Web = 7.50-in	4.08-in Web = 7.50-in
	6.00-in Web = 9.50-in	6.08-in Web = 9.50-in

Machine Specifications:	
Production Speed	<ul style="list-style-type: none"> • Fast: 100-ft/min Nominal Speed • Slow: 10-ft/min Nominal Throughput
Dimensions	<ul style="list-style-type: none"> • Length: 144.00-in (-mm) • Width: 36.00-in (305-mm) • Height: 62.00-in (445-mm) • Weight: 5,100-lbs (32-kg)
Roll-Forming Details	<ul style="list-style-type: none"> • Ten (10) Powered Roll-Forming Stations • One (1) Idled Auxiliary Roller Unit
Drive Train	<ul style="list-style-type: none"> • Power Source: Electric Motor/Hydraulic Pump • Power Take-Off: Hydraulic Motor • Drive/Forming Rollers: Gear/Sprocket/Roller Chain Drive • Main Drive Speed: 76 rpm @ 3.75-in Drive Diameter • Solenoid Valve Control
Electric Power	<ul style="list-style-type: none"> • Line Voltage = 440/380/220 VAC (+/- 10%) • Line Current = 40 Amps Recommended • Line Frequency = 50 / 60 Hz (+/- 1%) • Line Phase = Three phase (3 Ph) • Full Load Current = 14.0/16.2/28.0 Amps (440/380/220 VAC) • Electrical Drawing = See Drawings Provided by AMS Controls included
Noise Emissions	<ul style="list-style-type: none"> • Equivalent continuous A-weighted sound pressure level = less than 70 dB (A)
Control System	<ul style="list-style-type: none"> • Digital Batch Control / Operator Interface, Jog FWD/REV Selector switch, Shear Manual Pushbutton, Punch Manual Pushbutton, Touch Screen Selection of Tools
Safety Features	<ul style="list-style-type: none"> • E-Stop Switch, Safety Circuit, Covers, Lids, Sides

Operating Environment:	
Ambient Air	• +41 to +131° F (+5 to +55° C)
Altitude Range	• No Restrictions
Temperature	• Up to 24 hours at 122° F (50° C)
Humidity Range	• No Restrictions
Vibration Shock	• Vehicular transport on maintained roads
Transportation	• -13 to +131° F (-25 to +55° C)
Storage	• Up to 24 hours at +158° F (+70° C)
Explosive Atmosphere	• Do not operate in any kind of explosive atmosphere