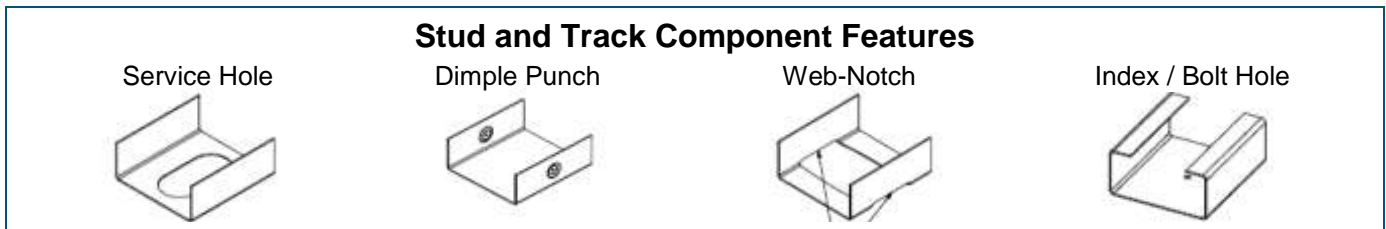


The KS-1622 is a versatile stud and track framing machine. It forms 16 to 22 gauge steel into six component widths and three heights. Ideal for light commercial and residential framing!

Stud and Track Sizes

Web: 3.50, 3.63, 4.00, 5.50, 6.00, and 8.00-in
 Flange: 1.63, 2.00, and 2.50-in
 Lip: Up to 0.75-in
 R: 0.090-in (inside Bend Radius)

Your KS-1622 FRAMEMAKER® Series can be set-up with a Service Hole, Dimple Punch, Index/Bolt Hole, and Web-Notch tools. You can also add In-Line Printing, and PC - Controller Software allowing you to label components and control your machine from your computer. Each option may be included with your machine or added later as your needs evolve.



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:

- Web Width:
- Flange Height:
- Lip Width:
- Inside Bend Radius:

Stud Sizes

3.50, 3.63, 4.00, 5.50, 6.00, and 8.00-in
1.63, 2.00, and/or 2.50-in
0.75-in maximum
0.090-in

Track Sizes

3.58, 3.71, 4.08, 5.58, 6.08, and 8.08-in
1.63, 2.00, and/or 2.50-in
N/A
0.090-in

Material Specifications:

- Material: Steel: Galvanized, Painted, Bare Pre-Finished
- Thickness: 0.019 - 0.060-in / 16 to 22 Gauge
- Strength: Max Tensile: 70-ksi, Max Yield: 50-ksi, (ASTM A 653 06a Grade 50)

Coil Strip Widths:

1.63-in Flanges		2.00-in Flanges		2.50-in Flanges	
Web Size	Coil Width	Web Size	Coil Width	Web Size	Coil Width
3.50-in	= 7.85-in	3.50-in	= 8.20-in	3.50-in	= 9.20-in
3.63-in	= 7.85-in	3.63-in	= 8.37-in	3.63-in	= 8.37-in
4.00-in	= 8.35-in	4.00-in	= 8.70-in	4.00-in	= 9.70-in
5.50-in	= 9.85-in	5.50-in	= 10.20-in	5.50-in	= 11.20-in
6.00-in	= 10.35-in	6.00-in	= 10.75-in	6.00-in	= 11.75-in
8.00-in	= 12.35-in	8.00-in	= 12.75-in	8.00-in	= 13.75-in
Track Components					
3.58-in	= 6.48-in	3.58-in	= 5.05-in	3.58-in	= 6.05-in
3.71-in	= 6.48-in	3.71-in	= 5.17-in	3.71-in	= 6.17-in
4.08-in	= 6.45-in	4.08-in	= 5.55-in	4.08-in	= 5.55-in
5.58-in	= 8.48-in	5.58-in	= 7.05-in	5.58-in	= 8.05-in
6.08-in	= 8.98-in	6.08-in	= 7.55-in	6.08-in	= 8.55-in
8.08-in	= 10.98-in	8.08-in	= 9.55-in	8.08-in	= 10.55-in

Machine Specifications:

Production Speed	<ul style="list-style-type: none"> • Fast: 75-ft/min Nominal Speed • Slow: 10-ft/min Nominal Throughput 	Dimensions	<ul style="list-style-type: none"> • Length: 166.00-in (4220-mm) • Width: 32.00-in (820-mm) • Height: 50.00-in (1270-mm) • Weight: 4,000-lbs (1820-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: 61 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 (2), 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 and Storage	• -13 to +131° F (-25 to +55° C)
Explosive Atmosphere	• Up to 24 hours at +158° F (+70° C)
	• Do not operate in any kind of explosive atmosphere