

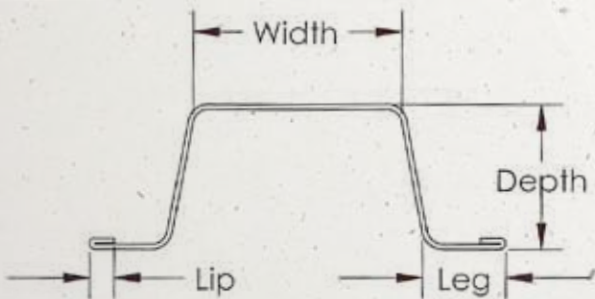
KNUDSON FRAMEMAKER® FS-250



The latest innovation in Knudson's FRAMEMAKER® Series is the FS-250. It features a non-structural 7/8" hat profile for furring and ceiling applications and an optional control to add punches. It also features knurled and/or raised webs and hemmed and/or knurled flanges.

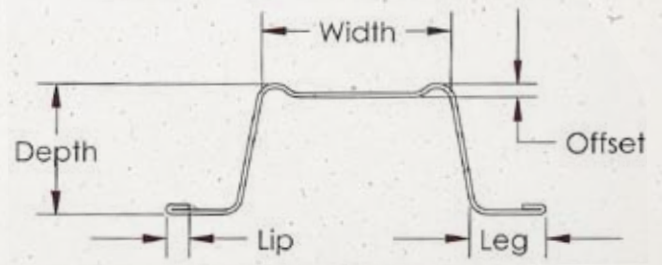


[FS-250 Furring Strip Profile Dimensions]



Depth	0.88"
Width	1.25"
Leg	0.50"
Lip	0.13"

[FS-250 Furring Strip Profile Dimensions]



Depth	0.88"
Width	1.25"
Leg	0.50"
Lip	0.13"
Offset	0.90"

Profile Specifications

Available Hat Channel Profiles:

- Web 1.25"
- Height .88"
- Lip 0.50" with hem, up to 0.75" flat
- Overall Width 2.50" with hem

Material Types:

- Steel Galvanized, Painted, Pre-Finished, Bare
- Aluminum N/A
- Copper N/A

Material Thickness:

- Steel 0.018" to 0.040"
- Aluminum N/A
- Copper N/A

Material Strength:

- Steel Max Tensile Strength = 52-ksi
Max Yield Strength = 48-ksi
- Aluminum N/A
- Copper N/A

Strip Width:

- Minimum 4.00"
- Maximum 4.19"

Profile Dimensions:

- Refer to Knudson Engineering Data or Knudson Profile Drawing for Specifications

Machine Specifications - Mechanical Systems

Dimensions:

- Length 109.00" (2770-mm)
- Width 32.00" (810-mm)
- Height 51.00" (1295-mm)
- Weight 1500-lbs (68-kg)

Roll-Forming Details:

- Seven (7) Powered Roll-Forming Stations

Production Speed:

- 60'/min Nominal Throughput (+/- 2'/min)

Drive Train:

- Power Source: Electric Motor/Hydraulic Pump
- Power Take-Off: Hydraulic Actuators: Hydraulic Motor, Hydraulic Cylinder(s)
- Drive/Forming Rollers: Gear/Sprocket/Roller Chain Drive
- Main Drive Speed: 61 rpm @ 3.75" Drive Diameter

Shear Assembly:

- Hydraulic Cylinder Actuated
- Exit-End Mounted

Coil Handling Equipment:

- Spool: 5.00" Wide/20" ID - 5,000-lbs max (optional)
- Spool Stand: Traveling - 5,000 lb max (optional)
- Un-Coiler "Eye-Up" Decoiler - 10,000-lbs capacity (optional)

Airborne Noise Emissions:

- Equivalent continuous A-weighted sound pressure level = less than 70 dB (A)

Machine Specifications - Electrical Systems

Electric Power:

- Line Voltage = 230 VAC (+/- 10%)
- Line Current = 40 Amps recommended
- Line Frequency = 60 Hz (+/- 1%)
- Line Phase = three phase (3 Ph)
- Full Load Current = 20.8 Amps (230 VAC)
- Electrical Drawing = ELSC-021223 (230 VAC, 60 Hz, 3 Ph)
- Electrical Drawing = ELSC-021221 (230 VAC, 60 Hz, 1 Ph) - (optional)
- Electrical Drawing = ELSC-021211 (115 VAC, 60 Hz, 1 Ph) - (optional)

Control System:

- Digital Batch Controller/Operator Interface
- Jog Fwd/Rev Selector Switch
- Shear Manual Pushbutton

Safety Features:

- E-Stop Switch (x2)
- Safety Circuit
- Covers, Lids, Sides

Machine Specifications - Operating Environment

Ambient Air Temperature:

- +41° to +131° Fahrenheit (+5° to +55° Celsius)
- Up to 24 hours at 122° Fahrenheit (50° Celsius)

Humidity Range:

- No Restrictions

Altitude Range:

- No Restrictions

Vibration Shock and Bump:

- Minimal vehicular transport on maintained roads
- Off-road transportation not recommended

Transportation and Storage:

- -13° to +131° Fahrenheit (-25° to +55° Celsius)
- Up to 24 hours at +158° Fahrenheit (+70° Celsius)

Explosive Atmosphere:

- Should not be operated in any kind of explosive atmosphere