
C Spacer for positioning roller dies to form either 1⅛” or 1½” Government Locks

PROMINENT FEATURES
- 2 Outboard Shafts for up to 4 Additional Applications Can Handle down to and Including 16 Gauge.
- Reduces Roll Forming Machine Space Requirements.
- Alternate Inboard Rolls Available to Form Reinforced Flat “S” and Drive Cleat
- Choice of Speed Depending on Application of Machine
- Individual Top Spindle Adjustments for Fine Adjusting Ease in Servicing.
- Unique Disc Springs on Adjusting Device Accommodate Variations in Thickness of Material.
- Formed Parts are Virtually Free of Locked-In Stresses.
- Spindles Are 1-inch Diameter Turned Ground and Polished, with Torrington Roller Bearing Assemblies
- Ample Power Assembly
- Infeed and Outfeed Tables are Fastened to the Frame and Equipped with All Necessary Guides and Guaging Devices with Provisions for Adjustments.
- Welded All-Steel Framework Covered with Removable Sheet Metal Panels

ENGEL INDUSTRIES, INC.
8122 REILLY AVE. • ST. LOUIS, MISSOURI 63111
PHONE: 314-638-0100
Model 835

ROLL FORMING MACHINE

Pitch Line Speed:
With 5 H.P. Motor .......................... Approx 90 fpm
(45 fpm when 16 Gauge Pittsburgh is ordered)

Dimensions:
Length .................................. 80”
Width ..................................... 27”
Overall Height ............................ 39”
Apron Height ............................. 33”
Forming Stations ......................... 8
Approx. Shipping Weight .............. 1,200 lbs
Motor .................................... 5 H.P. 230/460 Volt. three phase,
60 Hertz A.C. Circuit

Note: Other motor characteristics available at additional cost.

MODEL 835 • AVAILABLE FOR INBOARD ROLLS

GOVERNMENT LOCK

1½”
1”
1½”
1¼”
1¼”
1¼”
GL 835 22-25 GAUGE

S-835
S and DC-835

1½”
1¼”

REINFORCED FLAT "S"
22-28 GAUGE

DC-835

1½”

DRIVE CLEAT
20-24 GAUGE

AVAILAble FOR LEFT OUTBOARD ROLLS

PITTSBURGH LOCK
PL-835 20-28 GAUGE

⅛”

⅛”

PITTSBURGH LOCK
PL-18-835
18-24 GAUGE

⅛”

⅛”

PITTSBURGH LOCK
PL-16-835
16-20 GAUGE

⅛”

¼”

FEMALE BUTTON SNAP LOCK
BL22F-835
22-28 GAUGE

⅛”

⅛”

FEMALE BUTTON SNAP LOCK
BL20F-835
20-26 GAUGE

⅛”

⅛”

AVAILAble FOR RIGHT OUTBOARD ROLLS

TRIPLEX ROLLS
TR-835

⅛”

⅛”

⅛”

22-28 GAUGE

MALE BUTTON LOCK
BL20M-835 20-26 GAUGE

⅛”

⅛”

⅛”

20-28 GAUGE

MALE BUTTON LOCK
BL22M-835 22-28 GAUGE

⅛”

⅛”

⅛”

20-28 GAUGE

DOUBLE SEAM LOCK
DSL-835 20-28 GAUGE

⅛”

⅛”

⅛”

DRIVE CLEAT
DC-835
20-28 GAUGE

⅛”

⅛”

⅛”

Gauges referred to are in mild steel.

Count on Engel Quality
ROLL FORMING MACHINE

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MODEL 835 • AVAILABLE FOR INBOARD ROLLS

GOVERNMENT LOCK
.1¼" 1¼"
1"
GL-835 22-26 GAUGE

S-835
1½" 1½"
S and DC-835

DC-835
1½" 1½"
DRIVE CLEAT 20-28 GAUGE

AVAILABLE FOR LEFT OUTBOARD ROLLS

PITTSBURGH LOCK
PL 835 20-28 GAUGE
.75"

PITTSBURGH LOCK
PL-18-835
18-24 GAUGE
.75"

PITTSBURGH LOCK
PL-16-835
16-20 GAUGE
.75"

FEMALE BUTTON, SNAP LOCK
BL20F-835
22-28 GAUGE

FEMALE BUTTON
22-26 GAUGE

AVAILABLE FOR RIGHT OUTBOARD ROLLS

TRIPLEX ROLLS
TR-835
.75"

TAP-IN LOCK
.75"

STANDING SEAM
.75"

RIGHT ANGLE FLANGE
.75"

MALE BUTTON LOCK
BL20M-835 20-28 GAUGE

MALE BUTTON LOCK
BL20M-835 22-28 GAUGE

DOUBLE SEAM LOCK
DSL-835 20-28 GAUGE

DRIVE CLEAT
DC-835
.75"

20-28 GAUGE

1½"

Gauges referred to are in mild steel.

Count on Engel Quality

Engel Metal Methods

RFM 835 371
FORMS ALL GOVERNMENT LOCK REQUIREMENTS


PROMINENT FEATURES

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- Alternate Inboard Rolls Available to Form Reinforced Flat "S" and Drive Cleat.
- Choice of Speed Depending on Application of Machine.
- Individual Top Spindle Adjustments for Fine Adjusting and Servicing.
- Unique Disc Springs on Adjusting Device Accommodate Variations in Thickness of Material.
- Formed Parts are Virtually Free of Locked-in Stresses.
- Spindles Are 1-inch Diameter Turned, Ground and Polished w/ Torrington Roller Bearing Assemblies.
- Ample Power Assembly.
- Infeed and Outfeed Tables are Fastened to the Frame and Equipped with All Necessary Guides and Gauging Devices with Provision for Adjustments.
- Welded All-Steel Framework Covered with Removable Sheet Metal Panels.

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FORMS ALL GOVERNMENT LOCK REQUIREMENTS


Spacer for positioning roller dies to form either 1½" or 1½" Government Locks.

PROMINENT FEATURES
- 2 Outboard Shafts for up to 4 Additional Applications. Can Handle down to and Including 16 Gauge.
- Reduces Roll Forming Machine Space Requirements.
- Alternate Inboard Rolls Available To Form Reinforced Flat "S" and Drive Cleat.
- Individual Tool Specific Adjustments For Fine Adjusting, Ease In Servicing.
- Unique Disc Springs On Adjusting Device Accommodate Variations In Thickness Of Material.
- Formed Parts Are Virtually Free Of Locked-In Stresses.
- Spindles Are 1-inch Diameter, Turned, Ground and Polished, with Tormington Roller-Bearing Assemblies.
- Simple Power Assembly.
- Infeed and Outfeed Tables Are Fastened to the Frame and Equipped With All Necessary Guides and Gauging Devices With Provisions for Adjustment.
- Welded All-Steel Framework Covered With Removable Steel Metal Plates.

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Model 835

**ROLL FORMING MACHINE**

Pitch Line Speed:
- With 5 H.P. Motor: Approx 90 fps
- (45 fps when 16 Guage Pittsburgh is ordered)

Dimensions:
- Length: 80"
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- Overall Height: 39"
- Apron Height: 33"

Forming Stations: 8

Approx. Shipping Weight: 1,200 lbs

Motor: 5 H.P. 230/460 Volt, three phase, 60 Hertz A.C. Circuit

*Note: Other motor characteristics available at additional cost.*

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**MODEL 835 • AVAILABLE FOR INBOARD ROLLS**

**GOVERNMENT LOCK**
- GL-835: 22-26 GAUGE
  - $3/8"$
  - $1¼"$

**S-835**
- 1¼" REINFORCED FLAT "S"
- 22-28 GAUGE

**S and DC-835**
- $1¾"$
- $1½"$
- DRIVE CLEAT 20-28 GAUGE

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**AVAILABLE FOR LEFT OUTBOARD ROLLS**

**PITTSBURGH LOCK**
- PL-835: 20-28 GAUGE
  - $1/4"
  - 3/8"

**PITTSBURGH LOCK**
- PL-19-835: 18-24 GAUGE
  - $3/8"

**PITTSBURGH LOCK**
- PL-16-835: 16-20 GAUGE
  - $½"

**FEMALE BUTTON SNAP LOCK**
- BL122F-835: 22-28 GAUGE
  - $3/8"

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**AVAILABLE FOR RIGHT OUTBOARD ROLLS**

**TRIPLEX ROLLS**
- TR-835
  - TAP-IN LOCK
  - $1½"

**STANDING SEAM**
- 22-28 GAUGE

**RIGHT ANGLE FLANGE**
- 20-28 GAUGE

**MALE BUTTON LOCK**
- BL20M-835: 20-26 GAUGE
  - $3/8"

**DOUBLE SEAM LOCK**
- DSL-835: 20-28 GAUGE
  - $3/8"

**DRIVE CLEAT**
- DC-835: 20-28 GAUGE
  - $1½"

*Gauges referred to are in mild steel.*

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**Count on Engel Quality**

Engel Metal Methods

RFM 835 378K