Without Replacing Rolls, The Engel Model 835 Forms Both The 1⅛” and 1½” Government Lock (Pocket Lock). Only Positioning of Unique Spacers Required.

**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

1 1/4"
1 1/4"
1 1/4"
1 1/4"

GL 835 22-26 GAUGE

S-835

S and DC-835

DC-835

REINFORCED FLAT "S"
22-28 GAUGE

1 1/4"
1 1/4"
1 1/4"

DRIVE CLEAT
20-24 GAUGE

AVAILABLE FOR LEFT OUTBOARD ROLLS

PITTSBURGH LOCK
PL-835 20-28 GAUGE

1/4"
3/8"

PITTSBURGH LOCK
PL-18-835 18-24 GAUGE

3/4"
3/4"

PITTSBURGH LOCK
PL-16-835 16-20 GAUGE

1/2"
1/4"

FEMALE BUTTON SNAP LOCK
BL22F-835 22-28 GAUGE

1/4"
3/8"

FEMALE BUTTON SNAP LOCK
BL20F-835 20-26 GAUGE

1/4"
3/8"

AVAILABLE FOR RIGHT OUTBOARD ROLLS

TRIPLEX ROLLS
TR-835

TAIP-IN LOCK

3/8"
3/8"

STANDING SEAM

3/8"
3/8"

RIGHT ANGLE FLANGE

20-28 GAUGE

MALE BUTTON LOCK
BL20M-835 20-26 GAUGE

3/8"
3/8"

DOUBLE SEAM LOCK
DSL-835 20-28 GAUGE

3/8"

DRIVE CLEAT
DC-835

20-28 GAUGE

1 1/8"

Gauges referred to are in mild steel.

Count on Engel Quality
Model 835

ROLL FORMING MACHINE

Pitch Line Speed:
With 5 H P Motor ........................................... 90 fpm
(45 fpm when 16 Guage 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

 Available for Left Outboard Rolls

PITTSBURGH LOCK
PL-835 20-28 GAUGE

Available for Right Outboard Rolls

TRIPLEX ROLLS
TR-835

MALE BUTTON LOCK
BL20M-835 20-28 GAUGE

MALE BUTTON LOCK
BL22R-835 22-28 GAUGE

Female Button, Snap Lock
BL20F-835 20-28 GAUGE

Female Button, Snap Lock
BL22F-835 22-28 GAUGE

PITTSBURGH LOCK
PL.18-835 18-24 GAUGE

Female Button, Snap Lock
BL22F-835 22-28 GAUGE

Gauges referred to are in mild steel.

Count on Engel Quality

Engel Metal Methods

RPM 835 371
FORMS ALL GOVERNMENT LOCK REQUIREMENTS

Without Replacing Rolls, The Engel Model 835 Forms Both The 1 1/4" and 1 1/2" Government Lock. (Pocket Lock). Only Positioning of Unique Spacers Required.

Spacer for positioning roller dies to form either 1 1/4" or 1 1/2" Government Locks.

PROMINENT FEATURES

- 2 Outboard Shafts for up to 4 Additional Applications Can Handled or Including 18 Gauge
- Reduces Roll Forming Machine Space Requirements
- Alternate Inboard Rolls Available to Form Reinforced Flat "S" and Drive "C" Sheet
- Choice of Speed Depending on Application of Machine
- Individual Top Spindle Adjustments for Fine Adjusting Ease of 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 Flanging Devices with Provision 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
FORMS ALL GOVERNMENT LOCK REQUIREMENTS

Without Replacing Rolls, The Engel Model 835 Forms Both The 1½” and 1¾” Government Lock (Pocket Lock). Only Positioning of Unique Spacers Required.

Spacer for positioning roller dies to form either 1½” or 1¾” 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 Free 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 Tungsten Roller Bearing Assemblies.
- Single 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 Sheet Metal Plates.

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 Guage 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

PITTSBURGH LOCK
PL-835, 20-28 GAUGE

PITTSBURGH LOCK
PL-18-835, 18-24 GAUGE

PITTSBURGH LOCK
PL-16-835, 16-20 GAUGE

FEMALE BUTTON
SNAP LOCK
BL20F-835, 20-26 GAUGE

Available for left outboard rolls

Available for right outboard rolls

TRIPLEX ROLLS
TR-835

TAP-IN LOCK

STANDING SEAM

RIGHT ANGLE FLANGE

MALE BUTTON LOCK
BL20M-835, 20-26 GAUGE

DOUBLE SEAM LOCK
DSL-835, 20-26 GAUGE

MALE BUTTON LOCK
BL22M-835, 22-28 GAUGE

DRIVE CLEAT
DC-835

Gauges referred to are in mild steel.

Count on Engel Quality

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