



since
1938

TDF ROLL FORMERS

Instead of add-on flange, roll forming your own sealable flanges on transverse duct joints during the fabrication process has never been easier. The TDF® Roll Formers produce flange on the machine's left-hand auxiliary, and has unique, snap-in corners that eliminate spot welding. Optional rolls are also available for Z-Bar and Clip.

TDF®-V16

16 Station TDF® Rollform Machine Includes Patented TDF® Rolls. This is the only transverse duct connector machine on the market certified to comply with SMACNA Duct Construction Standard (DCS) T-25b based on actual laboratory tests across the full range of water gauges.

TDF®-V12

NEW

The TDF®-V12 Rollformer has 12 forming stations and produces TDE flange from 18 to 26 ga. at speeds of up to 50 feet per minute! Famous Engel quality construction with an industrial motor, high precision bearings, heavy duty three zone chassis head-plate construction, hardened and ground roll shafts all protected with Engel's top-quality primer and paint finish. *Optional rolls are available for Clip production.*

HB-1640 TDF®

The HB-1640 machine uses 16 roll-forming stations. There are no adjustments when going from 26 gauge to 18 gauge material; competition requires adjustments. The "short parts feeder", 6" length minimum, requires no manual adjustment and removal of machine guard when running short parts; competition does. The HB-1640 includes the Snap-Flange feature.



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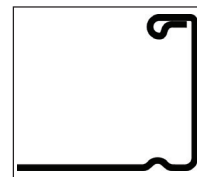


The FIRST Premier Partner Program Member
to Join this Elite Group

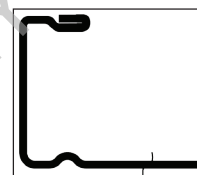
TDF ROLL FORMERS

Features and Benefits:

- Unitized steel construction.
- High yield and tensile strength shafts and "off the shelf" ball bearings.
- Heavy duty gears are Mod4 (6 pitch) heavy duty style.
- Extended roll shafts for mounting auxiliary rolls, one side outboard only.
- Optional tooling sets available for outboard mounting.
- All steel forming head, hardened steel infeed guide and hardened steel forming rolls mounted on turned and ground spindles.
- No adjustments necessary when going from 26ga to 18ga material.
- Includes Snap Flange Feature.
- Comes standard with short parts feeder for 6 inch minimum lengths



TDF® Profile



TDE® Profile

TDF®-V16:

CAPACITY:

- 18-26 gauge for TDF®
- 22 gauge for optional Clip Rolls

DEPTH OF POCKET:

- 1-11/16"

OTHER:

- Optional tooling sets available for outboard mounting

SPEED:

- 75 feet per minute

MOTOR/VOLTAGE:

- 7.5 H.P. 230/460 volts, 60 cycle, 3 phase, A.C. (22 amps @230V) 1,800 RPM

APPROXIMATE DIMENSIONS:

- Length: 134"
- Width: 28"
- Height: 45"
- Passline: 38.5"
- Weight: 3,000 lbs.



TDF®-V16

TDF-V12:

CAPACITY:

- 18-26 gauge for TDE
- 22 gauge for optional Clip Rolls

DEPTH OF POCKET:

- 1-7/8" for TDE
- 2 1/8" for Clip

OTHER:

- Optional tooling sets available for outboard mounting

SPEED:

- 50 feet per minute

MOTOR/VOLTAGE:

- 7.5 H.P. 230/460 volts, 60 cycle, 3 phase, A.C. (22 amps @230V) 1,800 RPM

APPROXIMATE DIMENSIONS:

- Length: 137"
- Width: 38"
- Height: 48"
- Passline: 38.5"
- Weight: 2,800 lbs.



TDF®-V12

HB-1640 TDF:

CAPACITY:

- 18-26 gauge for mild steel

DEPTH OF POCKET:

- 1-11/16"

OTHER:

- Includes Snap Flange Feature. One set of Inboard Tooling available.

SPEED:

- 75 feet per minute

MOTOR/VOLTAGE:

- 5 H.P. 208, 230/460 volts, 60 cycle, 3 phase, A.C. (22 amps @230V) 1,800 RPM

APPROXIMATE DIMENSIONS:

- Length: 127"
- Width: 27.5"
- Height: 43"
- Passline: 36"
- Weight: 3,000 lbs.



HB-1640 TDF®