

# LeanFX® Cold Former

## Standard Features:

- Precision Zero-Clearance Heading Slide Guiding System
- Precision Linear Feed System
- Bushing Type Quill and Cutter
- Cold Former Transfer with turn around capability; Non-opening Finger Units
- Manual Adjustment of Feed and Die Kickout Length
- Mitsubishi PLC and Display
- Magnetic Finished Parts and Scrap Discharge Conveyor
- Air Clutch and Spring-set Brake
- Safety Systems for Operator
- Machine Lube System with Filter
- Die Coolant System with Magnetic Filter

- Single Speed AC Drive
- Free Standing Sound Enclosure
- Outboard Transfer for Part Discharge
- Exhaust Ventilation Blower

## Optional Features:

- Variable Speed Frequency Controlled AC Drive
- Single or Dual Plane Wire Straightener
- Spare Parts Package
- Adjustable Timed Kickout in All Stations
- Micro Position Monitor
- Short Feed Safety
- Electrostatic Filter
- Opening Finger Units



As we are constantly striving to improve our products, discrepancies may exist between the actual product and the description or photographs here, resulting from design modifications, specification changes or optional features which are extra as quoted.

## Standard Specifications - All dimensions in MILLIMETERS unless otherwise noted

Model	LeanFX10 CF	LeanFX14 CF	LeanFX18 CF
Total Heading Load (kN)	700	1200	2000
Number of Dies	5	5	5
Cutoff Diameter @ 600 N/mm <sup>2</sup>	12	16	20
Feed Length (Min./Max)*	3 / 45	4 / 56	5 / 67
Die Kickout (Min./Max)	3 / 50	4 / 65	4 / 75
Punch Kickout (Min./Max) (optional)	12 / 32	15 / 40	18 / 48
Die Diameter	60	80	100
Maximum Bullnose Die Diameter**	75	91	115
Punch Diameter	50	60	80
Strokes per min. - Single Speed	200	160	130
Strokes per min. with VSD (Min./Max)***	85 / 255	70 / 200	65 / 160
Main Motor (kW)	30	45	56
Machine Weight (kg)	13,200	24,500	40,500
Floor Space: Length / Width / Height (m)	4.9 / 2.8 / 3.0	7.0 / 4.0 / 4.0	8.9 / 4.4 / 4.4

\* Max is machine/transfer limit. Actual limit is tool design dependent.

\*\* Clearance cut needed to bullnose for transfer fingers

\*\*\* Production speed depends on the type of transfer finger unit used, part weight, and length



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