



TF-80-E



TF-80-IO



TF-80/2-IO

TUBE END FORMERS



Model

TF-80-E . TF-80/2-E

TF-80-IO . TF-80/2-IO

TF-80/2-IOE

The SOCO TF Tube End Former Series is widely used in numerous end forming applications and industries, such as automotive exhausts, furniture, air conditioning, among others. These machines are different than conventional end formers, due to their low setup, high flexibility, superior precision and compact design.

These machines go up to 82 mm in size, and incorporate hydraulic operation and touch screen control. They may be fitted with 1 or 2 operating stations to process operations on tube ends and are suitable for both straight and bent tubular parts.

E Types

With similar capabilities as the others type, the E type adds a Ram and Vise Forming feature, which allows it to form even more complex shapes, such as various types of beading and flaring processes, among other kinds of end forming.









IO Types









The I/O type is used for precision sizing of tubes, and uses a combination of expanding segments and reducing jaws for accurate control of the inside and outside diameters. These can be sequenced in any order for improved accuracy and reduced ovality. The I/O also incorporates a touch screen control for quick setup.

The I/O type is used for the highest accuracy and control of the inside or outside diameters (I.D./O.D.) of the tube. Unlike tooling systems used in E type, the I/O type tooling is comprised of a set of inside expanding fingers and outside reducing jaws. These can be sequenced in any order to give improved sizing accuracy and minimal ovality.

The IOE Types

This type combines the flexibility and features of both the IO and E types for maximum production possibilities

	Reducing	Expanding	Angular Flaring	Flare IN	Doming	Radius Flaring	Full Ball	Curling
								
TF-80-E	•	•	•	•	•	•	• (2 Operations)	•
TF-80/2-E	•	•	•	•	•	•	• (2 Operations)	•
TF-80-IO	•	•	•	•				
TF-80/2-IO	•	•	•	•				
TF-80/2-IOE	•	•	•	•	•	•	• (2 Operations)	•

	Flanging	Beading	90° Form Flange	Angular Form Flange	Expand & Flare	Special Form	Special Form	Dimple
								
TF-80-E	•	• (2 Operations)	• C-Type Fingers, then E-Type Vise & Ram	• C-Type Fingers, then E-Type Vise & Ram	•	• (2 Operations)	•	
TF-80/2-E								
TF-80-IO						•		•
TF-80/2-IO					•	•		•
TF-80/2-IOE	•	•	• C-Type Fingers, then E-Type Vise & Ram	• C-Type Fingers, then E-Type Vise & Ram	•	•	•	•

TF-80 SERIES SPECIFICATIONS									
Specification / Model		TF-80-E	TF-80/2-E	TF-80-IO	TF-80/2-IO	TF-80/2-IOE			
Capacity (409 Stainless)	Types	E	E E	I/O	I/O I/O	I/O E			
	Max. OD	OD 82mm	OD 82mm	OD 82mm	OD 82mm	OD 82mm			
	Min. OD	OD 22mm	OD 22mm	OD 22mm	OD 22mm	OD 22mm			
	Max. Wall Thickness	1.5mm	1.5mm	1.5mm	1.5mm	1.5mm			
	Expanding / Reducing	6mm	6mm	6mm	6mm	6mm			
Interface		Touch Screen	Touch Screen	Touch Screen	Touch Screen	Touch Screen			



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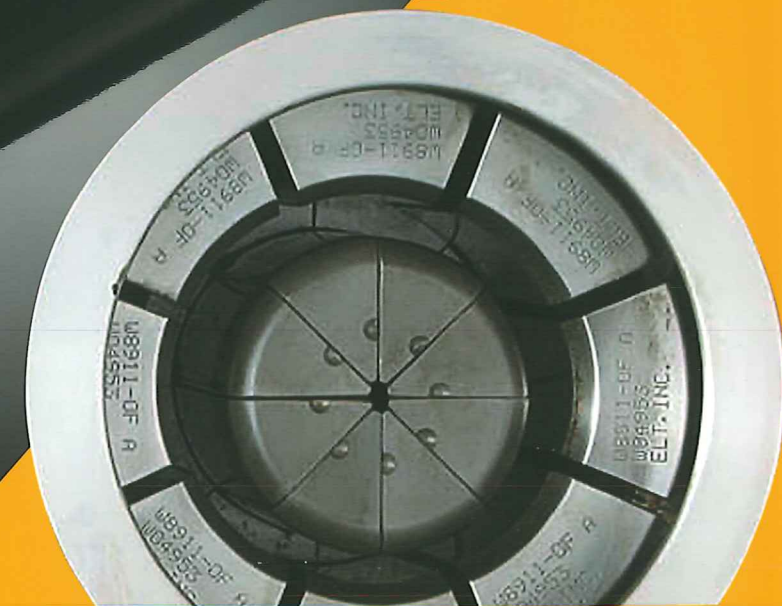


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TUBE END FORMERS

TF SERIES - up to 82mm in size,
1 or 2 operating stations



Complete Solution for Tube and Pipe