

Parflange® Equipment ECO 25, 1025, PRO 50

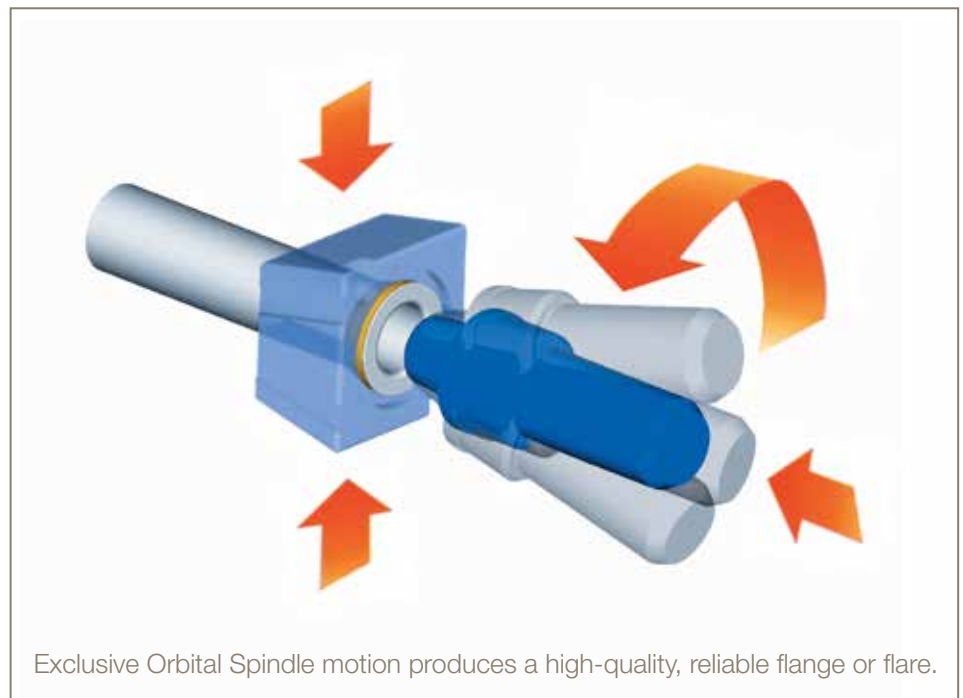
Overview and Comparison Guide



Achieve Fast, Leak-Free Connections

Parker Parflange® technology provides fast leak-free tube connections for Seal-Lok™ (O-ring face seal) and Triple-Lok® (JIC) tube fittings without brazing or welding. Utilizing our exclusive Orbital Spindle process, all Parflange units are easy to operate and produce high-quality, consistent flanges and flares – saving time and money in tube assembly.

With a full range of Parflange equipment options, you can select the unit that best meets your needs as outlined in this bulletin.



Exclusive Orbital Spindle motion produces a high-quality, reliable flange or flare.

Contact Information:

Parker Hannifin Corporation
Tube Fittings Division
3885 Gateway Blvd
Columbus, OH 43228

phone 614 279 7070
fax 614 279 7685

www.parker.com/tfd

Parflange ECO 25

- Overall cycle time of 100 seconds
- 110V single-phase power requirement
- Easily moves anywhere in the shop
- Only requires one die per tube size for flanging and flaring
- Adjustable Tube Stop for range of wall thickness

Parflange 1025

- Overall cycle time of 60 seconds
- 440V three-phase
- Compact lightweight design

- Flanging or flaring with simple tooling change
- Compatible with Parflange Pro 50 tooling

Parflange PRO 50

- Overall cycle time of 15 seconds
- 440V three-phase power requirement
- Workstation setup with tooling cabinet below unit
- Improved tooling lubrication system
- Self-opening and closing dies
- Automatic cycle start triggered by tube insertion



ENGINEERING YOUR SUCCESS.



	ECO 25	1025	PRO 50
Dimensions	21" x 15" x 21"	18" x 15" x 26"	33" x 28" x 41"
Weight	190 lbs. (86 kg.)	175 lbs. (80 kg.)	836 lbs. (380 kg.)
Overall Cycle Time	100 sec.	60 sec.	15 sec.
Tube Size Capabilities – Flanging	Steel Tubing 1/4" O.D. – 1-1/2" O.D.	Steel Tubing 1/4" O.D. – 1-1/2" O.D.	Steel Tubing 1/4" O.D. – 1-1/2" O.D.
	Stainless Steel Tubing 1/4" O.D. – 1-1/2" O.D.	Stainless Steel Tubing 1/4" O.D. – 1" O.D.	Stainless Steel Tubing 1/4" O.D. – 1-1/2" O.D.
Tube Size Capabilities – Flaring	Steel Tubing 1/4" O.D. – 1-1/2" O.D.	Steel Tubing 1/4" O.D. – 1-1/2" O.D.	Steel Tubing 1/4" O.D. – 1-1/2" O.D.
	Stainless Steel Tubing 1/4" O.D. – 1-1/2" O.D.	Stainless Steel Tubing 1/4" O.D. – 1-1/2" O.D.	Stainless Steel Tubing 1/4" O.D. – 1-1/2" O.D.
Max Number of Flares/Flanges per Day Recommended	50	100	500
Die Type	Different Die Required For: Each Tube O.D. (each die capable of flaring and flanging every wall thickness of Steel and Stainless Steel tubing)	Different Die† Required For: Each Tube O.D., Each Wall Thickness, Flare vs. Flange, Each Tube Material	Different Die† Required For: Each Tube O.D., Each Wall Thickness, Flare vs. Flange, Each Tube Material
Pin Type*	Different Pin Required For: Each Tube O.D., Each Wall Thickness, Flare vs. Flange, Each Tube Material	Different Pin Required For: Each Tube O.D., Each Wall Thickness, Flare vs. Flange, Each Tube Material	Different Pin Required For: Each Tube O.D., Each Wall Thickness, Flare vs. Flange, Each Tube Material
Electric Power Required	110V Single-Phase	110V Single-Phase or 440V 3-Phase	440V 3-Phase
Hydraulic Power Options	External Hydraulic Pump Sold Separately	No Pump Option (internal to machine)	No Pump Option (internal to machine)

* Same pin can be used on all three machines

† Dies are interchangeable on the 1025 and PRO 50

