

# OLSEN

## Olsen Model 50 Series Flaring Machines



Model 50-DB or Model 50-MD-DB shown with optional Short Floor Stand

The rugged, reliable and efficient Olsen Model 50 Power Flare has been the industry standard for over 40 years. Implementing its conical rolling action it produces 37, 45 and 90 degree flares.

Tool changes from tube size available in both English and Metric are quick and efficient.

The Olsen Power Flare has been tested and accepted by multiple industries on a global basis. With customers in the aerospace, automotive, submersible craft and agriculture to just name a few.

- Designed and developed to provide the industries best flare ... every time
- Flares brass, copper, steel and stainless steel tubing for pneumatic, hydraulic and fluid systems
- Flares 37, 45 and 90 degree O-Ring Face flange
- Provides flares of perfect concentricity with finishes to 15 micro inches
- Burnishes out scratches, weld joints and similar imperfections
- Doesn't "work-harden" the material near the danger point

PART OR OPTION	DESCRIPTION
2002	Model 50 Power Flare. Bench top model. Meets SAE, Military, Aerospace Specifications
2002-DB	Model 50 with Deburr Unit
2002-MD	Model 50 Medium Duty Power Flare (200x Load of M50)
2002-MD-DB	Model 50-MD with Deburr Unit
2037	Short Floor Stand used with Optional Deburr Unit.
2047	Tall Floor Stand used with Standard Model 50

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# Olsen Model 50 Series Flaring Machines



Model 50 / Model 50-MD



Model 50-DB / Model 50MD-DB

Tall Floor Stand – P/N 2047  
(typically used with standard machine)  
Short Floor Stand -P/N 2037  
(typically used with DB machine)

## TECHNICAL SUPPORT

Our staff can answer any questions you might have. We can also provide samples of flares from tube products you supply.

## CUSTOM TOOLING

We have the ability to provide custom tooling to meet your unique manufacturing requirements.

## Deburr Tools

PART #	DESCRIPTION
2038	I.D. Deburr tool set (includes one small and one large)
2039	O.D. Deburr tool set (includes one small and one large)

## Flaring / Flanging Cones

PART #	DESCRIPTION
200205-5	Small 37 degree cone (1/8" to 1 1/4")
200205-6	Medium 37 degree cone (1' to 2")
200205-7	Large 37 degree cone
200205-1	Small 45 degree cone (1/8" to 1 1/2")
200205-2	Medium 45 degree cone (1" to 2")

## Flaring / Flanging Dies

PART #	DESCRIPTION
200206-##	37 Degree & ORFS flaring die – xx indicates tube size (inches) to be flared: 02=1/8, 03=3/16, 04=1/4, 05=5/16, 06=3/8, 08=1/2, 10=5/8, 12=3/4, 14=7/8, 16=1, 18=1 1/8, 20=1 1/4, 22=1 3/8, 24=1 1/2, 28=1 3/4, 30=1 7/8, 32=2, 36=2 1/4, 40=2 1/2
200206-##-45	45 Degree flaring die – ## indicates tube size (inches) to be flared: 02,03,04,05,06,08,10,12,14,16,18,20,22,24,28,30,32,36,40
2090-##	37 Degree metric flaring die – ## indicates tube size (mm) to be flared: Available sizes: 04,06,08,10,12,14,15,16,18,20,22,24,25,28,30,32,35,38,40,42,50,60
2090-##-45	45 Degree metric flaring die – ## indicates tube size (mm) to be flared: Available sizes: 04,06,08,10,12,14,15,16,18,20,22,24,25,28,30,32,35,38,40,42,50,60
202001-##-***	ORFS 90 Degree flanging cones ## indicates tube size 04, 06, 08, 10, 12, 16, 20, 24 *** indicates wall thickness = 028, 035, 049, 065, 083, 095, 109, 120, 134
202004-## -*	Depth Gauge block for ORFS tubes – Sets depth for standard flares

**MANUFACTURING COMPANY, INC.**(248) 549-4200 [www.olsenmfg.com](http://www.olsenmfg.com)

Represented by: