**Exsel 2000 PRO Bender**

- **Automatic depth control for repetitive bends** with easy to read radius scale.
- **Easy to use “knee control”** design keeps both hands free while bending.
- **Compact segment expander and double-ended “clampless” swager design.**
- **Heavy 10” I-Beam Frame** for added strength and durability.
- **Dual side cylinder design** for added bending strength to wiper dies, as opposed to inferior single cylinder machines that have chains to break and adjust.
- **Strong 5HP C-Face motor design** provides quiet and strong bender performance when bending heavier gauge tubing.
- **Standard “Hi-Speed” 7 GPM pump** offers quick bends and swages. This is a very desireable feature, especially for high-volume shops.
- **Compact segment expander and double-ended “clampless” swager design.** This design offers quick and easy expansion and swaging.

*“The Mark Of Dependability Since 1947”*
The Worth “Exsel” 2000 PRO series bender continues the tradition of excellence that dates back to 1947. Worth is the pioneer of exhaust tube bending equipment and is the first to market a compression tube bender that was specifically designed for exhaust shops. The Exsel series benders are designed with several unique features that make them very durable and user friendly. All Worth benders use an open-loop hydraulic system that keeps the bender cool while operating, especially important when operating long hours at a time. Worth continues to use the original heavy steel frames that were introduced on early machines. Examples of enhancements made over the years include expander design, machine speed, and increased motor horsepower. The heart of the machine is constructed from heavy 10" steel I-beam (not square tubing) braced with 5/8" side plates. The wiper dies are actuated by 2- independent hydraulic cylinders (no chains to break or adjust). These are just a few of the superior features that make Worth an industry leader.

### 2000 PRO Tooling Package

#### Bending Dies
- 6015 - 1 1/2" X 3" Radius Die
- 6017 - 1 1/2" Wiper Dies (2)
- 6018 - 1 1/2" Half Wiper
- 6023 - 1 3/4" X 3" Radius Die
- 6026 - 1 3/4" Wiper Dies (2)
- 6027 - 1 3/4" Half Wiper Die
- 6032 - 2" X 3" Radius Die
- 6033 - 2" X 4" Radius Die
- 6034 - 2" X 5" Radius Die
- 6035 - 2" Wiper Dies (2)
- 6036 - 2" Half Wiper Die
- 6037 - 2 1/4" X 4" Radius Die
- 6038 - 2 1/4" X 5" Radius Die
- 6039 - 2 1/4" Wiper Dies (2)
- 6040 - 2 1/4" Half Wiper
- 6042 - 2 1/2" X 5" Radius Die
- 6043 - 2 1/2" Wiper Dies (2)
- 6044 - 2 1/2" Half Wiper Die

#### Expanding Segments
- 3003 - 1 1/2" to 3" Arbor Mandrel
- 3005 - 1 1/2" Segment Expander
- 3006 - 1 3/4" Segment Expander
- 3007 - 1 7/8" - 2" Segment Expander
- 3008 - 2 1/4" - 2 1/2" Segment Expander
- 3010 - Adjustable Expanding Barrel

#### Swaging Tools
- 4034 - Quick Connect Slip Adapter
- 4002 - 1 1/2" Slip Ram Die
- 4004 - 1 3/4" Slip Ram Die
- 4035 - 2" Slip Ram / 1 3/4" Male Ball
- 4036 - 2 1/4" Slip Ram / 2" Male Ball
- 4037 - 2 1/2" Slip Ram / 2 1/4" Male Ball
- 4026 - 1 1/2" Hinged Adapter Collar
- 4027 - 1 3/4" Hinged Adapter Collar
- 4029 - 2" Hinged Adapter Collar
- 4030 - 2 1/4" Hinged Adapter Collar
- 4031 - 2 1/2" Hinged Adapter Collar
- 4039 - 1 3/4" - 2 1/2" Female Ball
- 4014 - 45 Degree - 90 Degree Head Pipe Tool

#### Accessories
- 2090 - Operators Manual
- 2046 - Power Cord
- 2103 - Assorted "O" Rings
- 2400 - Auto Depth Control

#### Available Options
- 2107 - VHS Training Tapes
- 2080 - Angle Dial (Data Bending)
- 2100 - Data Card System
- 1 7/8" Dies / 2 3/4 Dies
- Custom round tubing dies starting at 1/2" O.D.

## Optional 3” Tooling

### 3D Tooling Package
- 6047 - 3" X 5" Radius Die
- 6048 - 3" Wiper Dies (2)
- 3009 - 3” Segment Expander

### Optional 3” Tooling
- 4022 - 3” Reducer
- 4013 - 3” Solid Ram Die
- 4045 - Hinged Adapter Collar

### Tubing Specifications For Best Results
- 1 1/4" OD to 1 3/4" OD - 18 Gauge Min. (.049)
- 1 7/8" OD to 2 1/8" OD - 16 Gauge Min. (.065)
- 2 1/4" OD to 2 1/2" OD - 14 Gauge Min. (.083)
- 3" OD - 13 Gauge Min. (.095)

* Prices and Specifications subject to change without notice.