

Models 1690 Bench-top and 1691 Portable Expanders

Perfect for auto stores, warehouses, small shops and industrial settings.



Model 1690 Bench-top Expander

The 1690's compact design allows it to fit on your bench-top while the foot pedal gives you hands-free operation. Quickly and easily size muffler end tubes and pipes. The 1690 comes with the tooling shown above for expanding capacity from 1½" to 3½". Additional tooling gives you expanding capacity from 1" to 5½".



Model 1691 Portable Expander

Just wheel the 1691 to the job and put Huth's expanding power to work. Quickly and easily size muffler end tubes and pipes anywhere in your shop. The 1691 comes with the tooling shown above for expanding capacity from 1½" to 3½". Additional tooling gives you expanding capacity from 1" to 5½".

1690 Bench-top and 1691 Portable Expander Features:

- Hands-free operation with Foot Pedal Activation
- Allows you to create custom brackets with Huth's Rod Bracket Bender (optional).
- Standard Expanding Capacity from 1½" to 3½"
- Expanding Capacity from 1" to 5½" with additional tooling
- Powerful 2 HP motor available in 110V, 30 Amp or 220V, 20 Amp. Motor runs on both 50Hz and 60Hz.
- 25,000 lbs of expanding power
- Features Huth's Accu-Sizer™ automatic, preset expanding system for quick, precise expanding each and every time.
- Built-in tool tray for easy access to tooling
- "See-through" safety guards for increased protection during all operations
- Compact 12"x 20"x 24" design (1690)
- Compact 24"x 23"x 39" design (1691)
- Rugged cart for maximum portability (1691)
- Power cord (15' - 1691, 10' - 1690) with male and female receptacles
- Includes: 508 Arbor, 498 Small Arbor Tip, 499 Large Arbor Tip, 473 Segment Set, 474 Segment Set, 475 Segment Set, 476 Segment Set, 477 Segment Set

Portable Expanders: Unmatched Sizing Accuracy, Under the Car or on the Bench

Model 1680 Mitey Mate II™ Portable Expander

Model 1680 Mitey Mate II™



Model 1680

Right-on sizing for flaring*, ball joints**, and slip connections, under the car or on the bench! Huth's Mitey Mate II Portable Expander and Accu-Sizer™ System (Model 1680) is the go-anywhere tool.

The 1680's bulls-eye adjustments allow you to zero-in on the right expansion the first time. Plus, the 1680's segment sets fit the arbor like a glove to give you the expected expansion time after time.

(See End-Finishing Tooling, page 28-29 and Expanding Tool Chart, page 30.)

Set to operate at 3200 psi, The Mitey Mate II requires a 110 Volt (15 Amp) power supply. No compressor is needed. It comes with tooling to expand 1½" to 2½" I.D. mufflers and pipes (3" and 3½" capability with additional tooling) and has up to 17,000 pounds of expanding force available.

The expander features a pistol grip that weighs only 7 pounds. The electric motor sits on large casters, so it's ideal for work under the car.

*Requires use of No. 440 Flaring Segment Tool.

**Requires use of Ball Joint Segment Tools.

Model 1685 Mitey Mate Jr.™ Portable Expander



Model 1685

Model 1685 Mitey Mate Jr.™

Huth redefines expanding portability and convenience with this down-sized, air-powered offspring of its popular Mitey Mate II™ expanding unit. Ideal for making flares*, ball joints†, and slip connections under the vehicle or on the bench, Mitey Mate Jr. is not a lesser expander: It delivers both the power and the accuracy you demand.

Set to operate at 3200 psi (shop air pressure between 80 and 120 psi maximum**) this pint-sized powerhouse puts 17,000 pounds of expanding force in your hands. Mitey Mate Jr. also comes with tooling to expand 1½" to 2½" I.D. mufflers and pipes (3" and 3½" capability with additional tooling).

It also comes with Huth's unique Accu-Sizer™ System for right-on expansions, job after job.

The expander itself, with its high-impact pistol grip, removable arbor tips and simple-to-set bulls-eye sizing adjustments, weighs only 7 pounds. All three pieces together weigh only 34 pounds.

The handy storage unit, which holds the expander, the three segment sets and one of the two detachable arbor tips, is 9" high by 10½" square. The power pedal is only 8" high, 10" long and 5" wide, and fits under the storage unit.

*Requires use of No. 440 flaring segment.

**Air regulator included in package.

†Requires use of ball joint segment tools.