



BEN PEARSON™ PRODUCT LINE

Pipe Benders
Tooling
Accessories

The Best Equipment, Tools and Service ...
for Tube Fabricators Around the World

BEN PEARSON BENDERS

The Power of Pearson

When Ben Pearson teamed up with Huth in 2008, two premier innovators in bending with a similar philosophy of "It's all about the customer" came together.

Ben Pearson benders brought innovative features that shop owners wanted, a longer stroke main cylinder, a 2nd expanding cylinder, and 180 degree bends on a 5" radius die and quick-change tooling. Now teamed with Huth, you get the best in engineering, innovation and customer service!

MC-59: The Bending Workhorse

With 2 separate cylinders for end finishing!

- Bend depth to 180° on a 5" radius
- Unique die design eliminates possibility of radius die locking behind back shoe
- Bending capability through 3"
- Quick-change dies
- Color-coded dies
- Spring loaded die carriage
- Knee control of ram die
- Energy efficient dual stage hydraulic pump
- Automatic depth-of-bend
- Automatic retraction of ram die
- Automatic motor cut-off
- 220 volt, 60 HZ operation
 - Single phase req. 30 amp service
 - Three phase req. 20 amp service
 - 50 cycle and other voltages available
- Heavy-duty 4 HP motor



180° Bend on a 5" radius

With the Ben Pearson pipe bender you'll get a perfect 180° bend on a 5" radius die (our 3" and 4" ram dies also make perfect bends possible even at maximum bend). What you won't get is a pipe that is crimped or collapsed. The reason for this is very simple-Ben Pearson's unique die construction eliminates the problem of the pipe locking on the die. This extra feature saves you time and money.

Longer Stroke Main Cylinder

We've added an extra 3" stroke to the main cylinder. You get an extra 6" of space between the edge of the ram die and the edges of the back shoes. You have more room to feed pipe through the machine, thus eliminating the need for cumbersome and time consuming pusher blocks.

The MC-59 Offers Two Separate End Finishing Systems

To make your job easier, faster and more efficient, the MC-59 offers two end-of-pipe systems as standard equipment. The segment expander is easier to operate close to the end of the pipe. Plus, the unique bull's eye gauge, with an accurate and complete O.D. and I.D. setting chart, ensures accurate connections and slip fits. The clamp-down swager system operates on a separate cylinder and gives you the flexibility to swage, flare, ball joint, reduce and flange. In fact, you name the job that needs to be done and this machine can do it.

**Need Highest speed? Order the Ultimate In Bending Technology
MC59 HI SPEED (MC-59HS). Twice the bending speed of conventional benders!**

- Rugged 7-1/2 HP motor
 - Heavy-duty electrical and hydraulic system
 - Hydraulic oil cooler with extra capacity hydraulic reservoir
- Plus all the best features of the powerful MC59

BEN PEARSON BENDERS

3012 Fabricator's dream bending machine makes 360 degree bends!

Now tube fabricators have more bending capabilities than ever!

- Completely bend around dies on same centerline
- Uses BEN PEARSON TOOLING
- Easy-to-use manual knee pedal control
- Push button control
- Automatic depth-of-end selector
- 58,000 lbs of bending force - more than enough for 3" tubing
- Agricultural main cylinder
- Deluxe tool tray
- Heavy duty swager/expander
- Rugged I-Beam construction
- Front swivel casters
- 220 volt, 60HZ operation
 - Single phase req. 30 amp service
 - Three phase req. 20 amp service
- High voltage and high speed options available
- Tooling Sold Separately



BP-08 Manual Bender

Manually operated bender using the knee control for bending

- I-Beam construction with the maintenance free guide plate
- Sleek design main frame provides maximum clearance for hard to bend tubes and pipes
- Uses double-ended cylinder for both solid and segmented end finishing
- Features Ben Pearson quick disconnect end finishing tooling
- 5-HP motor
- Manual operated knee pad
- Tooling Sold Separately



BPC-09 Complete Package with BP-08 and Super 110 Tool Package



BP-11 Automatic or Manual

Depth of bend to make repeated bends

Features: Same Frame as BP-08

- Automatic and Manual depth-of-bend selector
- Easy to use knee pad control
- Push button control
- Auxiliary stop-start at swager/expander
- Deluxe die tray
- Sleek-designed main frame provides maximum clearance for hard-to-bend pipes or when using bend data
- Designed to accommodate Ben Pearson bending dies and end-finishing tooling
- Uses a double-ended cylinder for both solid and segmented end finishing
- Easy toggle clamp design for clamping collets
- Features Ben Pearson quick-disconnect end-finishing tooling
- Powered by a 5-HP motor
- Tooling sold separately

BEN PEARSON DIE PACKAGES

DIE PACKAGE SUPER

Radius Dies			110	120	120-7	150
No.	Radius	Size				
60221	3"	1½"	x	x	x	x
60222	4"	1½"				x
60225	3"	1¾"	x	x	x	x
60226	4"	1¾"		x	x	x
60230	3"	1⅞"				x
60231	4"	1⅞"		x		x
60232	5"	1⅞"				x
60235	3"	2"		x	x	x
60236	4"	2"	x	x	x	x
60237	5"	2"	x	x	x	x
60240	3"	2¼"				x
60241	4"	2¼"	x	x	x	x
60242	5"	2¼"	x	x	x	x
60245	4"	2½"		x	x	x
60246	5"	2½"	x	x	x	x
62999	5"	3"	x			
Back Shoes (2 required)			110	120	120-7	150
No.	Pcs.	Size				
61000	2	1½"	x	x	x	x
61001	2	1¾"	x	x	x	x
61002	2	1⅞"		x	x	x
61003	2	2"	x	x	x	x
61004	2	2¼"	x	x	x	x
61005	2	2½"	x	x	x	x
63000	2	3"	x			
Three Quarter Shoes			110	120	120-7	150
No.	Size					
61011	2"		x	x	x	x
61012	2¼"		x	x	x	x
Half Shoes			110	120	120-7	150
No.	Size					
61014	1½"		x	x	x	x
61015	1¾"		x	x	x	x
61016	1⅞"			x		x
61017	2"		x	x	x	x
61018	2¼"		x	x	x	x
61019	2½"		x	x	x	x
Expander Segments			110	120	120-7	150
No.	Size					
61967	1½" - 1⅝"		x	x	x	x
61548	1¾" - 2"		x	x	x	x
61549	2⅞" - 2½"		x	x	x	x
61550	2⅞" - 3"		x			
Flare Segment 45°			110	120	120-7	150
No.	Size					
62995 (Supercedes #61542, 61778)	1½" - 2½"					x
Buick Ball Tools (segment)			110	120	120-7	150
No.	Size					
61544	2"			x	x	x
61545	2¼"			x	x	x
61546	2½"			x	x	x
Female Ball Joints			110	120	120-7	150
No.	Size					
555 (Supercedes #60780)	1¾" - 2"		x	x	x	x
556 (Supercedes #60779)	2¼" - 2½"		x	x	x	x
Collets (2 required)			110	120	120-7	150
No.*	Size					
61430	1½"		x	x	x	x
61428	1¾"		x	x	x	x
61427	1⅞"			x		x
61426	2"		x	x	x	x
61424	2¼"		x	x	x	x
61423	2½"		x	x	x	x
*All Product Numbers Include a Set of 2 Pieces						
Swager Assembly			110	120	120-7	150
No.	Size					
61241	1½"		x	x	x	x
61237	1¾"		x	x	x	x
61235	1⅞"			x		x
61233	2"		x	x	x	x
61231	2¼"		x	x	x	x
61229	2½"		x	x	x	x
Solid Die Flare Pipe Flanger			110	120	120-7	150
No.	Size					
853 (Supercedes #61049)	45/90 Flare 1½" - 3½"		x	x	x	x
Super Flange Assembly			110	120	120-7	150
No.	Size					
61258	1½" - 2"			x	x	x
61841	O-Ring Kit		x	x	x	x

62898 Super 110 Die Package



62140 Super 120 Die Package



62141 Super 120-7 Die Package



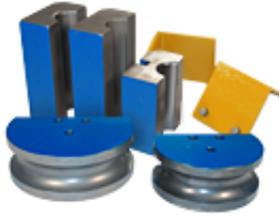
62213 Super 150 Die Package



BEN PEARSON TOOLING

Tool Packages

For your convenience, we have combined the tools that go together for some of the industry's most important applications into affordable and convenient tool packages to make life easier and more profitable for you.



62180 TD2 2-3/4" Die Set	
Included Parts	
No.	Description
61121	5" Radius Die
61122	2 3/4" Back Shoes (2)

61120 TD3 3" Die Set	
Included Parts	
No.	Description
62999	5" Radius Die
63000	3" Back Shoes (2)
61550	Expander 2 7/8" to 3"

62245 TS3 3" Swager Set	
Included Parts	
No.	Description
62231	Swager Assembly 3"
62227	Collet 3" (Qty. 2)
62233	Reducer Assembly 2 3/4" to 2 1/2"
62232	Reducer Assembly 3" to 2 3/4"



Bending Dies and Back Shoes

Operator convenience is the name of the game in the fabrication and exhaust industries. The quicker the job, the more profit you can make. At Huth-Ben Pearson we know this, and that's why we designed our quick-change dies for maximum speed and versatility. You won't find any bolts, pins or pusher blocks. Its quick and easy with Ben Pearson tooling.

Bending (Radius) Dies			
	3" Radius	4" Radius	5" Radius
SIZE	No.	No.	No.
3/4"	62746	N/A	N/A
1"	62259	N/A	N/A
1 1/8"	63118	N/A	N/A
1 1/4"	60876	N/A	63876
1 5/16"	N/A	63156	N/A
1 3/8"	60877	61260	N/A
1 1/2"	60221	60222	61082
1 5/8"	61044	60878	61083
1 3/4"	60225	60226	60227
1 7/8"	60230	60231	60232
2"	60235	60236	60237
2 1/8"	61084	61085	61062
2 1/4"	60240	60241	60242
2 3/8"	N/A	61114	61115
2 1/2"	N/A	60245	60246
2 3/4"	N/A	N/A	61121
3"	N/A	N/A	62999

Back Shoes			
	Back Shoes (2 required)	Half Shoes	3/4 Shoes
SIZE	No.	No.	No.
3/4"	62744	N/A	N/A
1"	62260	62602	N/A
1 1/8"	64118	N/A	N/A
1 1/4"	61107	61108	61879
1 3/8"	61109	61110	61880
1 1/2"	61000	61014	61008
1 5/16"	64156	N/A	N/A
1 5/8"	61111	61112	61045
1 3/4"	61001	61015	61009
1 7/8"	61002	61016	61010
2"	61003	61017	61011
2 1/8"	61086	61087	61783
2 1/4"	61004	61018	61012
2 3/8"	61116	61117	61784
2 1/2"	61005	61019	61013
2 3/4"	61122	61123	62011
3"	63000	62658	62449

Bending Square

Bending square tubing is a favorite of metal fabricators due to its strength in construction. Ben Pearson benders handle this easily, with special square tooling.



Dies and Back Shoes for Bending Square Tube					
SQUARE DIES			BACK SHOES (2 Required)		
No.	Radius	SIZE	No.	CORRESPONDING SIZE	
63334	4"	3/4"	64034	3/4"	
63310	4"	1"	64010	1"	
63314	5"	1 1/4"	64014	1 1/4"	
63312	5"	1 1/2"	64012	1 1/2"	
63320	5"	2"	64020	2"	
63325	5"	2 1/4"	64025	2 1/4"	
63350	5"	2 1/2"	64054	2 1/2"	
*Custom Sizes Available Upon Request. Send Us Your Material for a Sample of What Can Be Done			75000	Square Back Shoe Retainer (Optional But Suggested)	

BEN PEARSON TOOLING

End Finishing Expander Tooling

Create expansions, ball joints, flares and beads with ease. All Ben Pearson tooling is machined to specific tolerances from solid steel. After it is machined, it is gas-carburized and oil quenched to a minimum hardness specified to the tool type. We do not use cast iron for any of our tooling. All Huth-Ben Pearson tooling is available from shelf stock.



Arbors and Bolts

No.	Description
61261	Small Arbor Bolt (MC and MC-HS Models Only)
62659	Small Arbor Bolt (BP and MB Models Only)
60356	Arbor 1 1/2" (MC and MC-HS Models Only)
62059	Arbor 1 1/2" (BP and MB Models Only)



Segmented Expanders

No.	SIZE	COMMENTS	FINGER No.
61046	1 1/4" - 1 3/8"	Use with Arbor 61261 (MC-59) or 62659 (All Other Models)	61060
61967	1 1/2" - 1 5/8"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models) Red	61968
61548	1 3/4" - 2"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models) White	61758
61549	2 1/8" - 2 1/2"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models) Orange	61777
61550	2 5/8" - 3"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models) Gold	61759
62452	3 1/8" - 3 1/2"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models)	62489
62453	3 5/8" - 4"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models)	62492



Chevrolet Flange Segment Tool

No.	SIZE*	COMMENTS	FINGER No.
60857	2"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models)	60905
60867	2 1/4"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models)	60906

*Original Tube Size



Bead Segments

No.	SIZE*	COMMENTS	FINGER No.
461	1 1/2"	Used with 61262 or 62659 with 570 Spacer	661
462	1 3/4"	Used with 60356 or 62059	662
463	2"	Used with 60356 or 62059	663
464	2 1/4"	Used with 60356 or 62059	664
465	2 1/2"	Used with 60356 or 62059	665
466	3"	Used with 60356 or 62059	666
467	3 1/2"	Used with 60356 or 62059	667
468	4"	Used with 60356 or 62059	668

*Original Tube Size



Segmented Combination Ball Tools Male/Female

No.	SIZE	COMMENTS	FINGER No.
61544	2"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models)	61754
61545	2 1/4"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models)	61755
61546	2 1/2"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models)	61756
71301	3"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models)	71302

*Original Tube Size



Segmented 45 Degree Flare

No.	SIZE	COMMENTS	FINGER No.
62995	1 1/2" - 2 1/2"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models)	62996
71551	2 1/2" - 3 1/2"	Use with Arbor 60356 (MC-59) or 62059 (All Other Models)	71552

NOTE: 60447 Superseded by 71551



BEN PEARSON TOOLING

End Finishing Swager Tooling

End shaping and swaging is made simple with our high-quality tooling. All tooling is machined to specific tolerances from solid steel., then gas-carburized and oil quenched to a minimum hardness specified to the tool type. All listed tooling is available from stock. We will manufacture custom tooling to your specification for sizes not listed.



Swagers	
No.	SIZE
61245	1¼"
61243	1⅜"
61241	1½"
61239	1⅝"
61237	1¾"
61235	1⅞"
61233	2"
61506	2⅛"
61231	2¼"
61750	2⅜"
61229	2½"
62720	2¾"
62231	3"

Reducers	
No.	SIZE
62233	2¾" to 2½"
62232	3" to 2¾"
61250	2½" to 2¼"
61252	2¼" to 2"
61254	2¼" to 1⅞"
62212	2" to 1¾"
62160	1¾" to 1⅝"

Collets (2 required)	
No.	SIZE
61342	1¼"
61431	1⅜"
61430	1½"
61429	1⅝"
61428	1¾"
61427	1⅞"
61426	2"
61425	2⅛"
61424	2¼"
61752	2⅜"
61423	2½"
62673	2¾"
62227	3"

Female Ball Joints	
No.	SIZE
555	1¾" to 2" (Supersedes 60780)
556	2¼" to 2½" (Supersedes 60779)
71301	3"



Header Collector Tool	
No.	Description
62216	Header Collector for All Sizes

Super Flange	
No.	SIZE
61258	1½" and 2"
61792	1¾" and 2¼"

Solid Die Flare	
No.	SIZE
853	45° and 90° (Supersedes 61049)

We want you to have what you need!

We are a leader in custom tooling!

Call us at 800-558-7808 !

ACCESSORIES AND ADD ONS

Rod Bracket Bender Attachment (Except MC-59) Part No. 75985



Bending Card Data DVD with Catalog Part No. 980



Swage Adaptor: Quick Disconnect Part No. 61247



Rotation Dial Part No. 60100



1685S Mitey Mate Jr Expander... Now with 3" tooling included, gives you 17000 lbs of expanding force right in your hand. Now CE listed!



Small but powerful, the Mitey Mate Jr expander is ideal for making flares*, ball jointst, and slip connections wherever you need to work ... under a vehicle, in a work cell or on the bench.

- Set to operate at 3200 psi (shop air pressure between 80 and 120 psi maximum**)
- 1½" to 3" I.D. mufflers and pipes (3½"-4" capability with additional tooling)
- Comes with Huth's unique Accu-Sizer™ System for right-on expansions, job after job
- Expander weighs only 7 pounds
- All three pieces together weigh only 34 pounds
- Handy storage unit holds the expander, four segment sets and one of the two detachable arbor tips, is 9" high by 10½" square
- 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

tRequires use of ball joint segment tools

Tooling Tray for MC-59 Part No. 62157



Top Tray for BPC-09/BP-08 Part No. 81013

Easy to snap-on, this tray helps you organize your tooling where it is easy to access, on top of your bender!



Muffler Stand Part No. 986

(70 lb. Maximum Capacity) Safely supports exhaust components during installation. Measures 47" and extends to 79". The unit has an oversized support tray and rotates 360°, has self-locking spring loaded, quick-release extension mechanism.



Exhaust Pipe Shapers

Repairs dented and damaged pipe ends or muffler inlets and outlets. Heat treated for durability.

For use on pipe up to 3" dia. Part No. 984.

For 2" to 5" dia. pipe Part No. 982.



A-Train Utility Tool Holder Cart Part No. 6006

52" high, 38" long and 36" wide at the base. Made from heavy-duty angle iron, also has industrial strength swivel casters.



Tube Cutter #30 for 3" Part No. 835

Simple, easy to use tube cutter cuts any tube up to 3" diameter.



Reed Tube Cutter Part No. 62667

Features a Quick release/advance button for quick and easy re-sizing of tube diameters from 3/8" – 3½" or manual ball wheel turn knob adjustments and tightening during cutting process.



O Ring Kits 870 (Rubber) and 859 (Steel)



(10 ea, 50 total pieces)



(5 ea, 25 total pieces)

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