

# Porto-Power®

BLACKHAWK AUTOMOTIVE™

## Collision Repair Equipment



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## Warranty Information

For a period of one (1) year from date of purchase, SFA Companies, will repair or replace, at its option, without charge, any of its products which fails due to defect in material or workmanship, or which fails to conform to any implied warranty not excluded hereby. Performance of any obligation under this warranty may be obtained by returning the warranted product, freight prepaid, to SFA Companies Warranty Service Department, 10939 Pomona Avenue, Kansas City, MO 64153. Except where such limitations and exclusions are specifically prohibited by applicable law.

(1) THE CONSUMER'S SOLE AND EXCLUSIVE REMEDY SHALL BE THE REPAIR OR REPLACEMENT OF DEFECTIVE PRODUCTS AS DESCRIBED ABOVE.

(2) SFA COMPANIES SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGE OR LOSS WHATSOEVER.

(3) THE DURATION OF ANY AND ALL EXPRESSED AND IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO A PERIOD OF ONE (1) YEAR FROM DATE OF PURCHASE.

Some states do not allow limitations on how long an implied warranty lasts, so above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

# 4 TON PORTO-POWER KITS

4-ton capacity (Model B65114) gives you the pushing and spreading power you need to make fast and easy work of everyday repairs.

- Snap-lock design for quick, easy assembly
- Automatic pump overload system protects against damage to rams and equipment
- 4 ton kit comes in a blow molded plastic case
- Heavy walled extension tubes stand up in tough situations
- Flex head features permanently molded rubber pad–interlocked to prevent separation.
- Long handles provide low pumping effort
- 1/2 ton capacity hydraulic spreader features 2" jaws and spreads from 5/8" to 3-3/4"
- Total weight: 46 Lbs.

## 4 Ton Porto-Power Kit • B65114

- |           |                        |           |                          |
|-----------|------------------------|-----------|--------------------------|
| A. B65067 | • Plastic Case         | J. B65153 | • Wedge Head             |
| B. B65186 | • 4 Ton Hydraulic Pump | K. B65152 | • 90° V Base             |
| C. B65187 | • 4 Ton Hydraulic Ram  | L. B65151 | • Serrated Saddle        |
| D. B65291 | • 6' Hose w/ Coupler   | M. B65161 | • 19-1/2" Extension Tube |
| E. B65178 | • Rubber Head          | N. B65160 | • 16-1/2" Extension Tube |
| F. B65156 | • Flat Base            | O. B65159 | • 8-1/2" Extension Tube  |
| G. B65123 | • 1/2 Ton Spreader     | P. B65158 | • 6" Extension Tube      |
| H. B65155 | • Ram Toe              | Q. B65157 | • 3" Extension Tube      |
| I. B65154 | • Plunger Toe          | R. B65177 | • Male Connector         |



# 10 TON PORTO-POWER

The 10 ton capacity model (B65115) gives you the extra muscle you need to get the job done right.

- Snap-lock design for quick, easy assembly
- Automatic pump overload system protects against damage to rams and equipment
- Heavy walled extension tubes stand up in tough situations
- Flex head features permanently molded rubber pad—interlocked to prevent separation.
- Long handles provide low pumping effort
- 1/2 ton capacity hydraulic spreader features 2" jaws and spreads from 5/8" to 3-3/4"
- Custom fitted, rugged blow molded storage case with wheels for easy movement between jobs.
- Total weight: 92 Lbs.

## 10 Ton Porto-Power Kit • B65115

- |           |                         |           |                                 |
|-----------|-------------------------|-----------|---------------------------------|
| A. B65068 | • Mobile Case           | I. B65123 | • 1/2 Ton Spreader              |
| B. B65188 | • 10 Ton Hydraulic Pump | J. B65167 | • Serrated Saddle               |
| C. B65189 | • 10 Ton Hydraulic Ram  | K. B65173 | • 90° V Base                    |
| D. B65291 | • 6' Hose w/ Coupler    | L. B65169 | • Ram Toe                       |
| E. B65179 | • Male Connector        | M. B65166 | • Wedge Head                    |
| F. B65168 | • Flat Base             | N. B65162 | • 27" Extension Tube            |
| G. B65180 | • Rubber Head           | O. B65163 | • 18" Extension Tube            |
| H. B65172 | • Plunger Toe           | P. B65164 | • 10" Extension Tube            |
|           |                         | Q. B65165 | • 4" Extension Tube (Not Shown) |



# 20 TON PORTO-POWER

20 Ton Porto-Power sets provide extra capacity for the toughest assignments. Two-speed pumps extend ram quickly saving time and money.

Versatile attachments provide broad function with twenty ton force. Automatic two speed pump speeds ram to load, then shifts power stroke. With this set, spread materials apart and pull heavy duty machinery and sections. This is a heavy duty set all the way for making bull-work repairs easier. Weight: 205 Lbs.

## 20 Ton Porto-Power Kit •

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| A. B65073 • Wood Chest             | K. B65771 • Serrated Saddle (2)   |
| B. B65775 • Chain Pull Plate       | L. B65776 • Threaded Coupling (3) |
| C. B65768 • 30" Extension Tube     | M. B65770 • Connector             |
| D. B65421 • 2 Speed Automatic Pump | N. B65740 • 20 Ton Ram            |
| E. B97518 • 8' Chain w/ hook       | O. B65593 • 6' Hydraulic Hose     |
| F. B65764 • 10" Extension Tube     | P. B65774 • Lifting Toe           |
| G. B65772 • V Head                 | Q. B65779 • Plunger Base          |
| H. B65762 • 5" Extension Tube      | R. B65778 • Ram Base              |
| I. B65760 • 3" Extension Tube      | S. B65766 • 18" Ext. Tube         |
| J. B65773 • Wedge Head             |                                   |



## Hydraulic Hand Pumps

- Lightweight and compact design
- Nylon encapsulated aluminum pump head for maximum corrosion resistance
- Two speed operation reduces handle strokes by as much as 78% over single speed pumps
- Lower handle effort to minimize operator fatigue
- Handle lock and lightweight construction for easy carrying
- Internal pressure relief valve for overload protection



Model Number	Usable Oil Capacity (In. <sup>3</sup> )	Oil Displacement per Stroke (In. <sup>3</sup> )		Operating Force (Lbs.)	Piston Stroke (In.)	Oil Outlet Port	Weight (Lbs.)
		1st Stage	2nd Stage				
B65122	21.1	0.18	0.05	87.5	0.38	1/4" - 18NPTF	7
B65421	61	0.81	0.14	131.5	0.82	3/8" - 18NPTF	13

# AIR/HYDRAULIC FOOT

## 10,000 PSI Air Foot Operated Pump •

- Maximum working pressure 10,000 PSI
- High strength aluminum reservoir is lightweight and corrosion resistant.
- Suggested air pressure 90-175 PSI
- Pressure relief valve for overload protection
- Three-positions provide cylinder advance, hold, or retract operation
- Air exhaust muffler for quieter operation



B65425

## 10,000 PSI Air Foot Operated Pump •

- Rugged construction – built for long life and easy construction
- Swivel coupling simplifies hydraulic connection and pump operation
- Three-positions provide cylinder advance, hold, or retract operation
- Operates in any position
- Base mounting plate included



B65426

## 10,000 PSI Air Foot Operated Pump •

- Air exhaust muffler for quieter operation
- Greater oil capacity to handle bigger jobs
- Maximum working pressure 10,000 PSI
- High strength aluminum reservoir is lightweight and corrosion resistant
- Suggested air pressure 90-175 PSI
- Pressure relief valve for overload protection
- Three-positions provide cylinder advance, hold, or retract operation



B65427

### Air Hydraulic Foot Pumps

Model Number	Usable Oil Capacity (In. <sup>3</sup> )	Rated Pressure (psi)	Output Flow Rate (in <sup>3</sup> /min.)		Input Air Pressure (psi)	Output Port Threads	Input Port Threads	Weight (Lbs. w/ fluid)
			No Load	Load				
B65425	91.5	10,000	66.5	10.98	90-175	3/8" - 18NPTF	1/4" - 18 NPT	18
B65426	36.6	10,000	67.1	12.81	90-175	3/8" - 18NPTF	1/4" - 18 NPT	15
B65427	122	10,000	65.6	12.20	90-175	3/8" - 18NPTF	1/4" - 18 NPT	20

# HYDRAULIC COM-

## Air Hydraulic Pump & Hose Combo •

- Combo includes B65426 and B65291
- Rugged construction – built for long life and easy construction
- Swivel coupling simplifies hydraulic connection and pump operation
- Three-positions provide cylinder advance, hold, or retract operation
- Operates in any position
- Base mounting plate included



B65428

## Hydraulic Set • B65407

- Combo includes B65426, B65291 and B65444
- Rugged construction – built for long life and easy construction
- Swivel coupling simplifies hydraulic connection and pump operation
- Three-positions provide cylinder advance, hold, or retract operation
- Operates in any position
- Base mounting plate included



B65444



B65428

# HOSES

## Hydraulic 10,000 PSI Hydraulic Hoses

- B65290 • 1/4" ID, 6' Hose, 1/4" NPTF Connection
- B65291 • 1/4" ID, 6' Hose with Male (B69478) Coupler, 1/4" NPTF Connection
- B65590 • 3/8" ID, 10' Hose with Male (B65580) Coupler, 3/8" NPTF Connection
- B65591 • 1/4" ID, 10' Hose with Male (B69478) Half Coupler, 1/4" NPTF Connection
- B65593 • 3/8" ID, 6' Hose with Male (B65580) Half Coupler, 3/8" NPTF Connection
- B65594 • 3/8" ID, 6' Hose, 3/8" NPTF Connection



B65290



B65590

Model Number	Hose Size	Length	Connection	Coupler
B65290	1/4" ID	6'	1/4" NPTF Connection	-
B65291	1/4" ID	6'	1/4" NPTF Connection	Male Half Coupler (B69478)
B65590	3/8" ID	10'	3/8" NPTF Connection	Male Half Coupler (B65580)
B65591	1/4" ID	10'	1/4" NPTF Connection	Male Half Coupler (B69478)
B65593	3/8" ID	6'	3/8" NPTF Connection	Male Half Coupler (B65580)
B65594	3/8" ID	6'	3/8" NPTF Connection	-

B65291  
B65591  
B65593  
B65594  
(Not Shown)

# HYDRAULIC RAMS

## Hydraulic Rams

- Designed for use in all positions
- High strength alloy steel for durability
- Heavy duty return springs
- Baked enamel finish for increased corrosion resistance
- Collar thread protectors
- Rod wipers seal out contaminants
- Industrial hard chrome plated ram prevents rust corrosion

Threaded base allows easy installation of attachments and mounting applications



B65441 B65141  
Regular Rams

B65553  
B65555  
B65746  
Not shown

B65150 B65452  
Porto Power Rams

B65142

B65444

B65740

B65442

Threaded Rams

## Regular Rams

Model Number	Ram Capacity (Tons)	Stroke (In.)	Ram Effective Area (In <sup>2</sup> )	Oil Capacity (In <sup>3</sup> )	Collapsed Height (In.)	Extended Height (In.)	Outside Dia. (In.)	Plunger Dia. (In.)	Base to Inlet Port (In.)	Saddle Dia. (In.)	Base Mounting Hole			Wt. (Lbs.)	Oper. Pressure (psi)	Coupler	
												Hole Dia.	Hole Dis-	Hole Depth			
B65441	10	2.01	2.24	4.50	4.84	6.85	2.26	1.49	0.75	1.38	0.28		0.87	5	8950	B65582	
B65141	2	3.07	0.76	2.33	5.39	8.46	1.31	0.87	0.46	1	N/A	1.54	N/A	2	5100	B69477	
B65553	5	3.07	1	3.07	6.65	9.72	1.5	1	0.79	0.98	0.20	N/A	0.76	4	10,000	B69477	
B65555	5	5.08	1	5.08	8.7	13.78	1.5	1	0.79	0.98	0.20	1.00	0.76	5	10,000	B69477	
B65746	25	5.94	5.14	30.53	10.79	16.73	3.35	2.24	0.98	2.13	0.4	1.00	1	23	10,000	B65582	

2.3

## Porto Power Rams

Model Number	Ram Capacity (Tons)	Stroke (In.)	Ram Effective Area (In <sup>2</sup> )	Oil Capacity (In <sup>3</sup> )	Collapsed Height (In.)	Extended Height (In.)	Outside Dia. (In.)	Plunger Dia. (In.)	Base to Inlet Port (In.)	Base Hole Diameter (In.)	Base Hole Depth (In.)	Wt. (Lbs.)	Operating Pressure (psi)	Coupler
B65150	4	5	1	5.00	10.69	15.69	1.50	0.88	1.96	0.88	1.54	4	8050	B69477
B65452	10	6.03	2.24	13.51	14.59	20.62	2.26	1.30	3.15	1.30	2.42	12	8950	B65582

## Threaded Rams

Model Number	Ram Capacity (Tons)	Stroke (In.)	Ram Effective Area (In <sup>2</sup> )	Oil Capacity (In <sup>3</sup> )	Collapsed Height (In.)	Extended Height (In.)	Outside Dia. (In.)	Plunger Dia. (In.)	Base to Inlet Port (In.)	Plunger Outside Thread (In.)	Base Internal Thread (In.)	Wt. (Lbs.)	Operating Pressure (psi)	Coupler
B65142	4	5.07	1	5.07	10.31	15.39	1.5	1	1.33	3.4"-14 NPTF	3.4"-14 NPTF	4	8050	B69477
B65444	10	10.12	2.24	22.67	15.63	25.75	2.27	1.5	1.67	1-1/4"-11.5 NPTF	1-1/4"-11.5 NPTF	14	8950	B65582
B65740	20	5.16	5.14	26.52	11.77	16.93	3.35	2.24	1.85	2"-11.5 NPTF	2"-11.5 NPTF	21	7750	B65582
B65442	10	6.1	2.24	13.66	11.61	17.72	2.27	1.5	1.67	1-1/4"-11.5 NPTF	1-1/4"-11.5 NPTF	11	8950	B65582

# HYDRAULIC RAMS & ACCESSORIES

## Flat Body Rams

B65139 • 5 Ton Flat Body Kit  
B65140 • 4 Ton Flat Body Ram



B65140



B65139

## Flat Body Rams

Model Number	Ram Capacity (Tons)	Stroke (In.)	Ram Effective Area (In <sup>2</sup> )	Oil Capacity (In.)	Collapsed Height (In.)	Extended Height (In.)	Outside Dimension (In.)	Plunger Dia. (In.)	Base to Inlet Port	Mounting Hole		Wt. (Lbs.)	Operating Pressure (psi)	Coupler
										Hole Dia.	Hole Distance			
B65140	4	0.63	1.1	0.69"	1.63	2.26	2.36 x 1.58	0.98	0.74	0.2	1.1	2	8050	B69477
B65139*	5	0.24	1.1	0.26"	1.26	1.5	2.36 x 1.58	0.98	0.80	0.2	1.1	6	9100	B69477

\*Includes a blow molded case and 4 adapters (0.25", 0.5", 1", 1.25")

# 1 TON SPREADER

## 1 Ton Spreader • B65145

- Includes a B69477 Coupler
- Designed to work in confined working space.



5

## 1 Ton Spreader

Model Number	Capacity (tons)	Stroke	Cylinder Effective Area	Ram Collapsed Height	Ram Extended Height	Weight Lbs.
B65145	1	3.43	1.09	0.47	3.9	5

# 2 & 5 TON PULL RAMS WITH HOOKS

## 2 & 5 Ton Capacity Pull Kit

2 & 5 ton pull ram are equipped with chain adapter claw hooks on each end - accepts 3/8" chain links



B65454

B65143  
(Not Shown)

## 2 & 5 Ton Pull Rams With

Model Number	Ram Capacity (Tons)	Stroke (In.)	Ram Effective Area (In <sup>2</sup> )	Oil Capacity (In.)	Collapsed Height (In.)	Extended Height (In.)	Outside Dia. (In.)	Plunger Dia. (In.)	Top to Inlet Port	Ram Outside Thread (In.)	Base Mounting Hole (In.)	Wt. (Lbs.)	Operating Pressure (psi)	Coupler
B65143	2 (pull)	5	0.56	2.80	10.51	15.51	1.89	0.75	1.65	3/4" - 14 NPTF	3/4" - 14 NPTF	7	7250	B69477
B65454	5 (pull)	5.55	1.14	6.33	11.93	17.48	2.25	1.18	1.5	1-1/4" - 11.5 NPTF	1-1/4" - 11.5 NPTF	10	8950	B69477

# FRAME STRAIGHTENER

## 10 Ton Capacity Pulling Post Package • B93601

- Use with common pot patterns or chainless anchor system
- Longer/wide base for stability
- Safety tie-down brackets
- Utilizes 10" ram for longer pulls
- 5-year frame warranty

B93601 Includes:

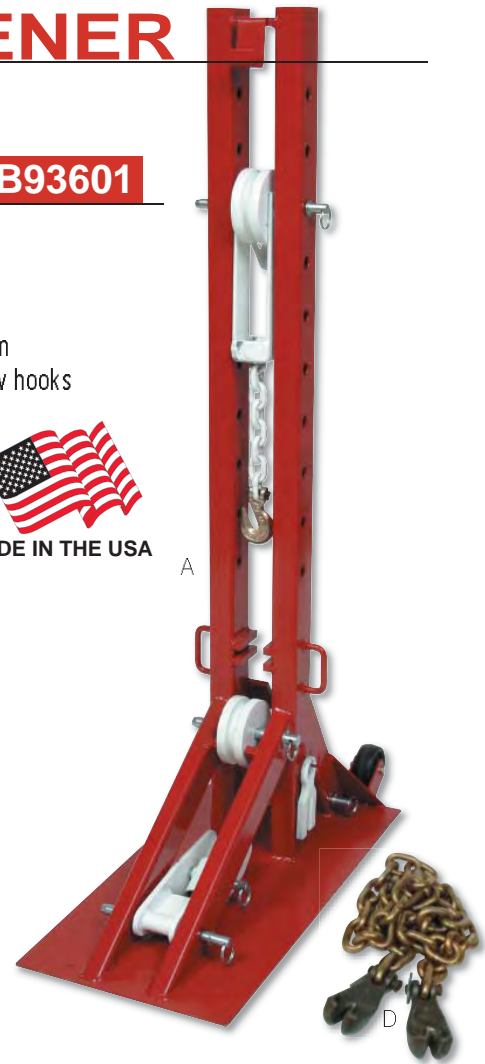
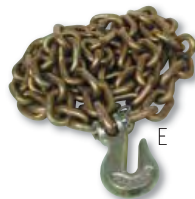
- A. B93600 • Pulling Post
- B. B65428 • Pump/hose set
- C. B65444 • 10 ton 10" stroke ram
- D. B97662 • (2) 6' chain with claw hooks
- E. B97691 • 9' Chain w/ hook

B93601 Accessories:

- B93650 • Post Extension
- B93651 • Post Lifting Arm
- B93652 • Chain Lock
- B97520 • Double Grab Hook
- B97521 • Hook Assy.
- B97540 • Chain Tightener



MADE IN THE USA



## ACCESSORIES

### Anchor Pot • B93075

Arrange anchor pot in basic pattern or make additional bay installation. Designed with heavy-duty protective ring at top which prevents chipping of concrete. 3-1/8" diameter.



B93075

### Couplers

- B65280 • 1/4" Complete Coupler Set
- B65281 • 1/4" Hose Half Coupler
- B65282 • 1/4" Ram Half Coupler
- B65580 • 3/8" Complete Coupler Set

- B65581 • 3/8" Hose Half Coupler
- B65582 • 3/8" Ram Half Coupler
- B69477 • 1/4" Ram Half Coupler for B65114 & B65115
- B69478 • 1/4" Hose Half Coupler for B65114 & B65115



### Gauges

- B65129 • Reducer from 3/8" to 1/4"
- B65132 • Bushing from 1/4" to 3/8"
- B65131 • 1/4" NPTF Gauge Fitting
- B65783 • 4" Dry Gauge 1/4" NPTF
- B65782 • 4" Wet Gauge 1/4" NPTF



B65783

B65782



B65129



B65132



B65131

# ACCESSORIES

## Chainless Anchor System • B93607

The B93607 Includes:

- Four anchor stands (model B93653)
- Four chainless anchor pot assemblies (model B93080)



## Chains & Hooks

- B97520 • Double Grab Hook
- B97651 • 15' Chain with Claw Hook
- B97661 • 6' Chain with Claw Hook
- B97662 • 6' Chain with 2 Claw Hooks
- B97691 • 9' Chain with Grab Hook
- B97518 • 8' Chain with Grab Hook
- B97521 • Hook Assy.
- B97527 • 6' Chain with Grab Hook
- B97528 • 6' Chain with 2 Grab Hooks



B97691



B97651

B97661  
B97518  
B97521  
(Not Shown)



B97520



B97528



B97662



**Porto-Power**  
BLACKHAWK AUTOMOTIVE™

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