



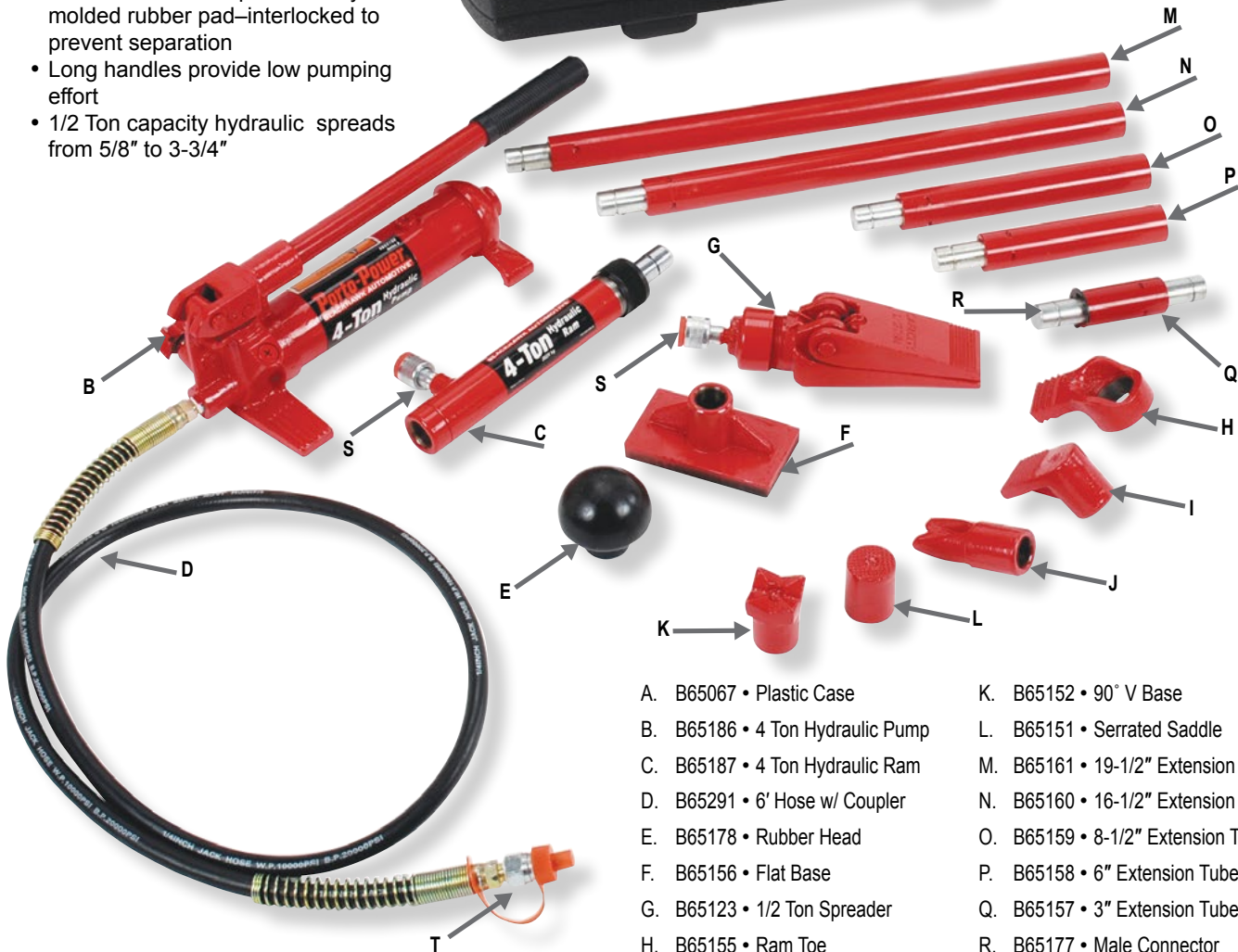
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# B65114 4 Ton Porto- Power Kit

- 4-ton capacity model 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 applications
- Flex head features permanently molded rubber pad—interlocked to prevent separation
- Long handles provide low pumping effort
- 1/2 Ton capacity hydraulic spreads from 5/8" to 3-3/4"



- A. B65067 • Plastic Case
- B. B65186 • 4 Ton Hydraulic Pump
- C. B65187 • 4 Ton Hydraulic Ram
- D. B65291 • 6' Hose w/ Coupler
- E. B65178 • Rubber Head
- F. B65156 • Flat Base
- G. B65123 • 1/2 Ton Spreader
- H. B65155 • Ram Toe
- I. B65154 • Plunger Toe
- J. B65153 • Wedge Head
- K. B65152 • 90° V Base
- L. B65151 • Serrated Saddle
- M. B65161 • 19-1/2" Extension Tube
- N. B65160 • 16-1/2" Extension Tube
- O. B65159 • 8-1/2" Extension Tube
- P. B65158 • 6" Extension Tube
- Q. B65157 • 3" Extension Tube
- R. B65177 • Male Connector
- S. B69477 • Female Coupler, 1/4" NPT
- T. B69478 • Male Coupler, 1/4" NPT

Model	Ram Capacity	Pump Capacity	Ram		Ram Effective Area	G.W.
			Closed Height	Extended Height		
B65114	4 Ton	8,000 PSI	11"	15-3/4"	1.0 in <sup>2</sup>	48 Lbs.

# B65115 10 Ton Porto-Power Kit

- The 10 ton capacity model 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 applications
- 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



- |                                   |                                |                                      |
|-----------------------------------|--------------------------------|--------------------------------------|
| A. B65068 • Mobile Case           | H. B65172 • Plunger Toe        | O. B65163 • 18" Extension Tube       |
| B. B65188 • 10 Ton Hydraulic Pump | I. B65123 • 1/2 Ton Spreader   | P. B65164 • 10" Extension Tube       |
| C. B65189 • 10 Ton Hydraulic Ram  | J. B65167 • Serrated Saddle    | Q. B65165 • 4" Extension Tube        |
| D. B65291 • 6' Hose w/ Coupler    | K. B65173 • 90° V Base         | U. B69477 • Female Coupler, 1/4" NPT |
| E. B65179 • Male Connector        | L. B65169 • Ram Toe            | V. B69478 • Male Coupler, 1/4" NPT   |
| F. B65168 • Flat Base             | M. B65166 • Wedge Head         |                                      |
| G. B65180 • Rubber Head           | N. B65162 • 27" Extension Tube |                                      |

Model	Ram Capacity	Pump Capacity	Ram		Ram Effective Area	G.W.
			Closed Height	Extended Height		
B65115	10 Ton	10,000 PSI	13-5/8"	19-3/4"	2.4 in <sup>2</sup>	88 Lbs.

20 Ton Porto-Power set provides extra capacity for the toughest assignments. Two-speed pump extends ram quickly saving time and money. Versatile attachments provide broad range of function. Automatic two speed pump speeds ram to load, then shifts power stroke. With this set you can spread materials apart and pull heavy duty machinery and sections. This is a heavy duty set makes all bull-work repairs easier.

# B65041 20 Ton Porto-Power Kit



- A. B65073 • Wood Chest
- B. B65775 • Chain Pull Plate
- C. B65768 • 24" Extension Tube
- D. B65766 • 18" Extension Tube
- E. B65764 • 10" Extension Tube
- F. B65762 • 5" Extension Tube
- G. B65760 • 3" Extension Tube
- H. B65770 • Connector
- I. B65772 • V Head
- J. B65776 • Threaded Coupling (3)
- K. B65421 • 2 Speed Automatic Pump
- L. B97518 • 8' Chain w/ hook
- M. B65773 • Wedge Head
- N. B65777 • Saddle (2)
- O. B65740 • 20 Ton Ram
- P. B65593 • 6' Hydraulic Hose
- Q. B65774 • Lifting Toe
- R. B65779 • Plunger Base
- S. B65778 • Ram Base
- T. B65581 • Male Coupler, 3/8" NPT
- U. B65582 • Female Coupler, 3/8" NPT

Model	Ram Capacity	Ram		Ram Effective Area	G.W.
		Closed Height	Extended Height		
B65041	20 Ton	10-3/4"	16-3/4"	5.14 in <sup>2</sup>	206 Lbs.

# B65139 5 Ton Flat Body Kit

5 Ton flat body kit includes a blow mold case and 4 adapters (0.25", 0.5", 1" and 1.25")



Magnetic adapters can be stacked  
U.S. Patent No.7,237,762 b2



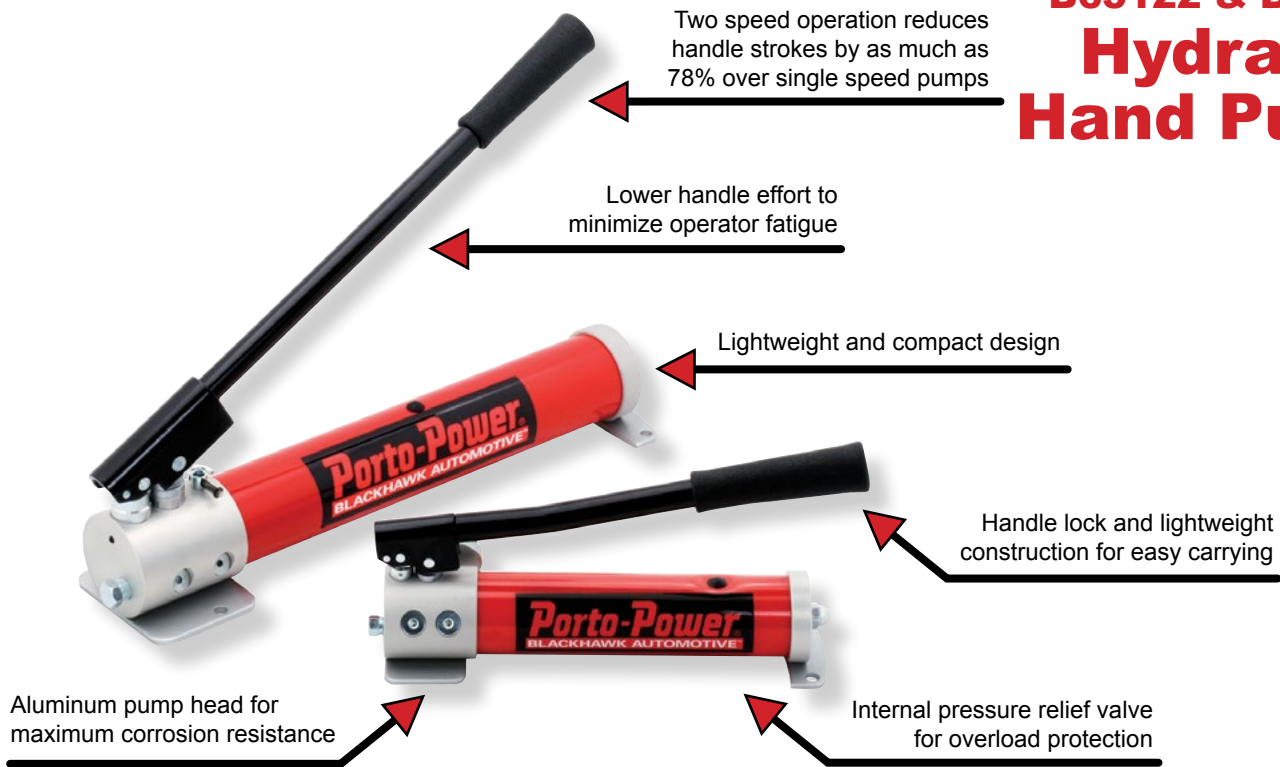
# B65140 4 Ton Flat Body Ram



Model	Capacity	Stroke	Effective Area	Oil Capacity
B65140	4 Ton	0.63"	1.1 in <sup>2</sup>	0.69 in <sup>3</sup>
B65139	5 Ton	0.24"		0.26 in <sup>3</sup>

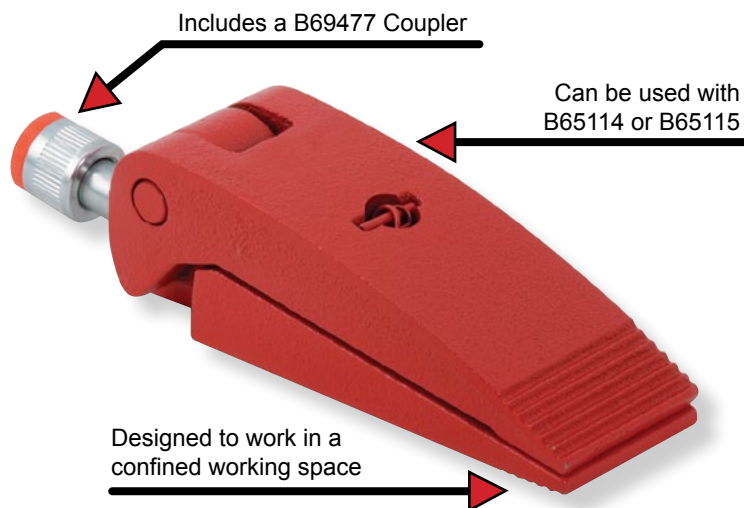
Model	Collapsed Height	Extended Height	Outside Dimension	Plunger Diameter	Base To Intel Port	Base Mounting Hole		G.W.	Operating Pressure	Coupler
						Hole Diameter	Hole Distance			
B65140	1.63"	2.26"	4.72" X 1.57"	0.98"	0.74"	0.2"	1.1"	1-1/2 Lbs.	8,050 PSI	B69477
B65139	1.26"	1.5"	3.94" X 1.57"		0.80"			5 Lbs.		

# B65122 & B65421 Hydraulic Hand Pump



Model	Capacity	Output Displacement Per Stroke		Operating Force	Piston Stroke	Oil Outlet Port	G.W. (with fluid)
		1 <sup>st</sup> Stage	2 <sup>nd</sup> Stage				
B65122	21.36 in <sup>3</sup>	0.2 in <sup>3</sup>	0.05 in <sup>3</sup>	81.37 Lbs.	0.413"	1/4"-18NPTF	7 Lbs.
B65421	61.03 in <sup>3</sup>	0.81 in <sup>3</sup>	0.14 in <sup>3</sup>	98.81 Lbs.	0.815"	3/8"-18NPTF	16 Lbs.

# B65145 1 Ton Spreader



Model	Capacity	Stroke	Cylinder Effective Area	Ram Collapsed Height	Ram Extended Height	G.W.
B65145	1 Ton	3.465"	1.09 in <sup>2</sup>	0.472"	3.937"	4-1/2 Lbs.

# B65427 10,000 PSI Foot Operated Pump

A compact yet powerful Air Turbo Motor is equipped to raise the load to the desired height efficiently, effortlessly, and safely U.S. Patent No. 5,341,723



# B65424 10,000 PSI Hand Operated Pump

# B65426 10,000 PSI Foot Operated Pump

# B65425 10,000 PSI Foot Operated Pump

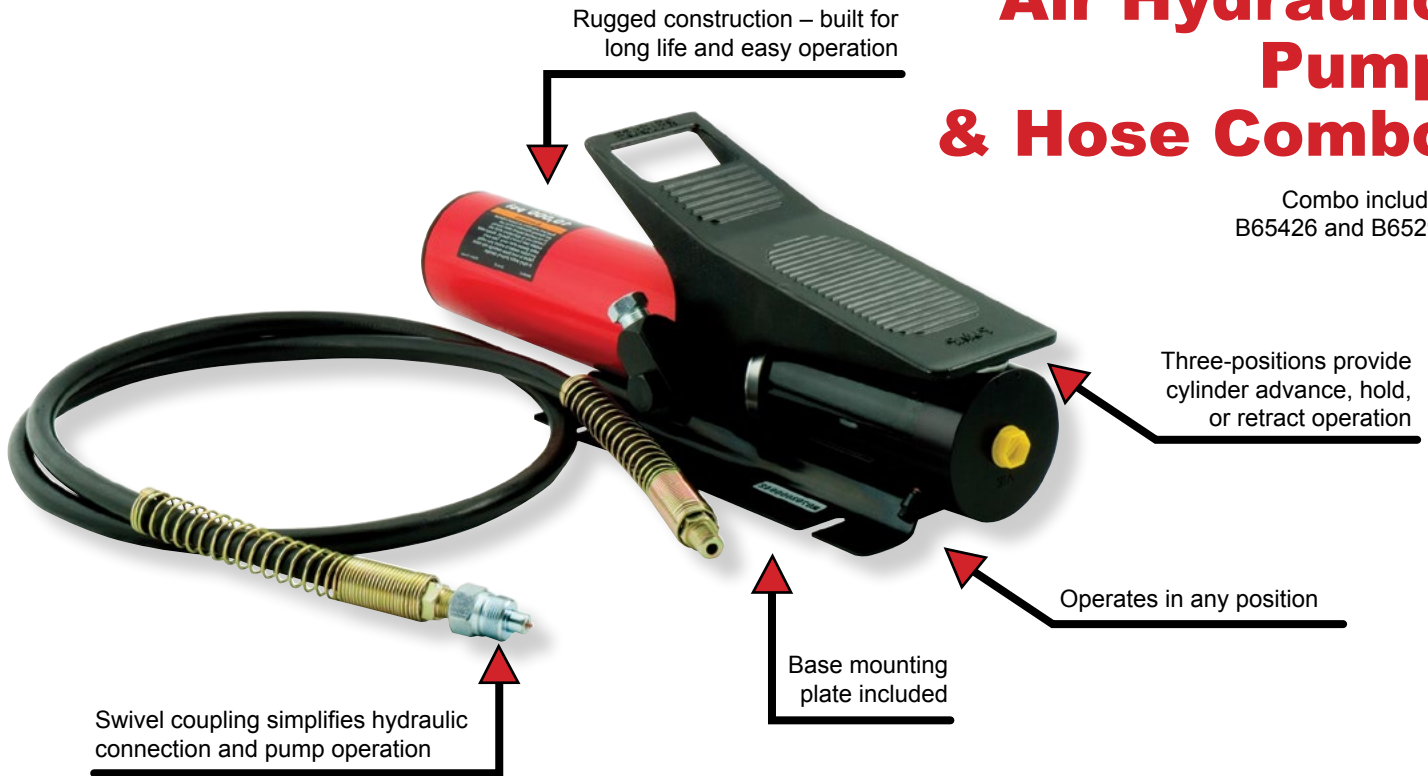


Model Number	Usable Capacity	Rated pressure	Output Flow Rate (In <sup>3</sup> /min.)		Input Air Pressure	Output Port Threads	Input Port Threads	G.W. (with fluid)
			No Load	Load				
B65427	122 in <sup>3</sup>	10,000 PSI	61.02	11.11	102-203 PSI	3/8"-18NPTF	1/4"-18 NPT	20-1/2 Lbs.
B65425	91.5 in <sup>3</sup>			19.53	104-203 PSI			18 Lbs.
B65424	36.6 in <sup>3</sup>		61	19.53	102-203 PSI			16.5 Lbs.
B65426								15 Lbs.



# B65428 Air Hydraulic Pump & Hose Combo

Combo includes  
B65426 and B65293



# B65407 Hydraulic Set

Combo includes B65426,  
B65593 and B65444



# Hydraulic Rams

- Rod wipers seal out contaminants
- Collar thread protectors (except B65141)
- Heavy duty return springs (except B65141)
- Industrial hard chrome plated ram prevents rust corrosion



Baked enamel finish for increased corrosion resistance

High strength alloy steel for durability

Designed for use in all positions

B65449

# Regular Rams

Model	Capacity	Stroke	Effective Area	Oil Capacity	Collapsed Height
B65141	2 Ton	3.07"	0.76 in <sup>2</sup>	2.28 in <sup>3</sup>	5.39"
B65553	5 Ton	3.07"	1.0 in <sup>2</sup>	3.00 in <sup>3</sup>	6.65"
B65555		5.08"		5.00 in <sup>3</sup>	8.7"
B65441	10 Ton	2.01"	2.24 in <sup>2</sup>	4.48 in <sup>3</sup>	4.84"
B65446		5.94"		13.44 in <sup>3</sup>	9.84"
B65449		9.96"		22.31 in <sup>3</sup>	13.86"
B65746	25 Ton	5.94"	5.14 in <sup>2</sup>	30.84 in <sup>3</sup>	10.71"



Model	Extended Height	Outside Diameter	Plunger Diameter	Base to Intel Port	Saddle Diameter	Base Mounting Hole			G.W.	Operating Pressure	Coupler		
						Hole Diameter	Hole Distance	Hole Depth					
B65141	8.46"	1.31"	0.87"	0.46"	1.0"	N/A	N/A	N/A	2 Lbs.	5,270 PSI	B69477		
B65553	9.72"	1.5"	1.0"	0.79"	0.98"	0.20"	1.00"	0.76"	3 Lbs.	10,000 PSI			
B65555	13.78"								3-1/2 Lbs.				
B65441	6.85"	2.26"	1.49"	0.75"	1.38"	0.28"	1.54"	0.87"	5 Lbs.	8,930 PSI	B65582		
B65446	15.78"			0.77"					0.31"			0.55"	9 Lbs.
B65449	23.82"												13 Lbs.
B65746	16.81"	3.35"	2.24"	0.98"	2.13"	0.4"	2.3"	1.0"	22-1/2 Lbs.	9,730 PSI	B65582		

# Porto Power Rams



B65187

B65452

Model	Capacity	Stroke	Effective Area	Oil Capacity	Collapsed Height	Extended Height	Outside Diameter	Plunger Diameter	Base To Intel Port	Base Hole Depth	G.W.	Operating Pressure	Coupler
B65187	4 Ton	5.0"	1.0 in <sup>2</sup>	5.00 in <sup>3</sup>	10.69"	15.69"	1.50"	0.88"	1.96"	1.54"	5 Lbs.	8,000 PSI	B69477
B65452	10 Ton	6.03"	2.24 in <sup>2</sup>	13.44 in <sup>3</sup>	14.59"	20.62"	2.26"	1.50"	3.15"	2.42"	12 Lbs.	8,950 PSI	B65582

# Threaded Rams

- High quality threaded single acting cylinders
- Used to attach accessories to rod end and base



B65740

B65442

B65142

B65444

Model	Base To Intel Port	Plunger Outside Thread & Base Internal Thread	G.W.	Operating Pressure	Coupler
B65142	1.33"	3/4"-14 NPTF	4 Lbs.	8,000 PSI	B69477
B65442	1.67"	1-1/4"-11.5 NPTF	10-1/2 Lbs.	8,930 PSI	B65582
B65444			15 Lbs.		
B65740	1.85"	2"-11.5 NPTF	23 Lbs.	7,780 PSI	B65582

Model	Capacity	Stroke	Effective Area	Oil Capacity	Collapsed Height	Extended Height	Outside Diameter	Plunger Diameter
B65142	4 Ton	5.07"	1.0 in <sup>2</sup>	5.00 in <sup>3</sup>	10.31"	15.39"	1.50"	1.0"
B65442	10 Ton	6.1"	2.24 in <sup>2</sup>	13.44 in <sup>3</sup>	11.61"	17.72"	2.27"	1.5"
B65444		10.12"		22.40 in <sup>3</sup>	15.63"	25.75"		
B65740	20 Ton	5.16"	5.14 in <sup>2</sup>	25.70 in <sup>3</sup>	11.77"	16.93"	3.35"	2.24"



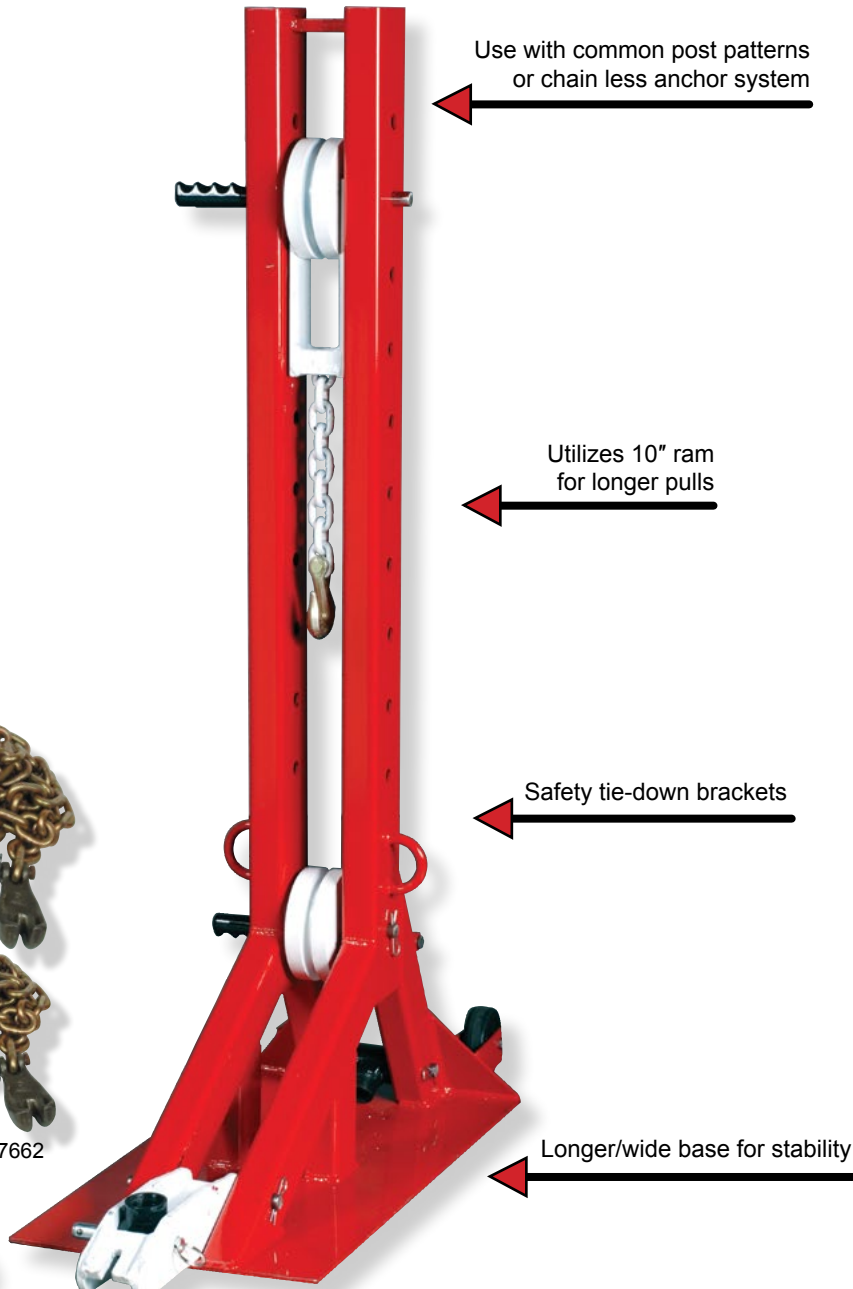
# B93601B 10 Ton Capacity Pulling Post Package

**B93601B Includes:**

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

**B93601B Replacement Accessories:**

- B93650 • Post extension
- B93651 • Post lifting arm
- B93652 • Lever arm with pin
- B97520 • Double grab hook
- B97521 • Hook assembly
- B97540 • Chain tightener



Model	Capacity	Height	Base Size	Floating Pulley Position	G.W.
B93601B	10 Ton	59"	31" X 16"	10	164 Lbs.

## Post Extension

Model	Capacity	Height	G.W.
B93650	10 Ton	32.5"	30 Lbs.



- Pull rams are equipped with chain adapter claw hooks on each end
- Accepts 3/8" chain links



# B65454 5 Ton Capacity Pull Ram with Hook



B65454

Model	Capacity	Stroke	Effective Area	Oil Capacity	Collapsed Height	Extended Height	Outside Diameter	Plunger Diameter	Top To Intel Port	Ram Outside Thread & Base Mounting Hole	G.W.	Operating Pressure	Coupler
B65454	5 Ton	5.55"	1.14 in <sup>2</sup>	6.33 in <sup>3</sup>	11.93"	17.48"	2.25"	1.18"	0.80"	1-1/4"-11.5 NPTF	15 Lbs.	8,780 PSI	B69477

## Gauge

B65782 • 4" Wet Gauge 1/4" NPTF



## B93075

## Anchor Pot

- 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



## Fittings

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



B65129



B65131



B65132

# Hydraulic Coupler Set



B69477



B69478



B65280



B65580



Complete Set	Hose Half	Ram Half	Hose/Ram Thread	Coupler Connecting Thread
Porto-Power Coupler	B69478	B69477	1/4" NPT	13/16" - 20 UNEF
B65280	B65281	B65282	1/4" NPT	3/4" - 20 UNEF
B65580	B65581	B65582	3/8" NPT	15/16" - 20 UNEF

# Hydraulic Hoses

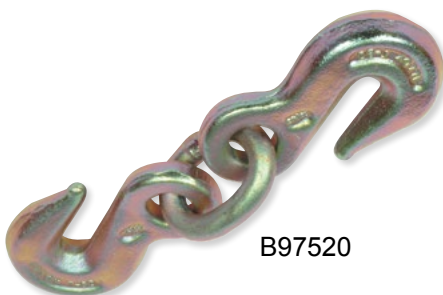
- B65290 • 1/4" ID, 6' Hose, 1/4" NPTF Connection
- B65291 • 1/4" ID, 6' Hose with Male (B69478) Coupler, 1/4" NPTF Connection
- B65590 • 3/8" ID, 10' Hose with Male (B65580) Coupler, 3/8" NPTF Connection
- B65591 • 1/4" ID, 10' Hose with Male (B69478) Half Coupler, 1/4" NPTF Connection
- B65593 • 3/8"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

Model	Hose Size	Length	Hose End Fitting	Coupler
B65290	1/4" ID	6'	1/4" NPTF Connection	-
B65291				Male Half Coupler (B69478)
B65590	3/8" ID	10'	3/8" NPTF Connection	Male Half Coupler (B65581)
B65591	1/4" ID		1/4" NPTF Connection	Male Half Coupler (B69478)
B65593	3/8" ID	6'	3/8" NPTF Connection	Male Half Coupler (B65581)
B65594				-



# Chains & Hooks

- B97520 • Double grab 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



B97520



B97662



B97691



## ONE YEAR LIMITED WARRANTY

### 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 N. Pomona Avenue, Kansas City, MO 64153. Except where such limitations and exclusions are specifically prohibited by applicable law.

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- 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. The warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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