

Cylinder & Pump Sets



SPX[®]

>Power Team[®]
powerteam.com

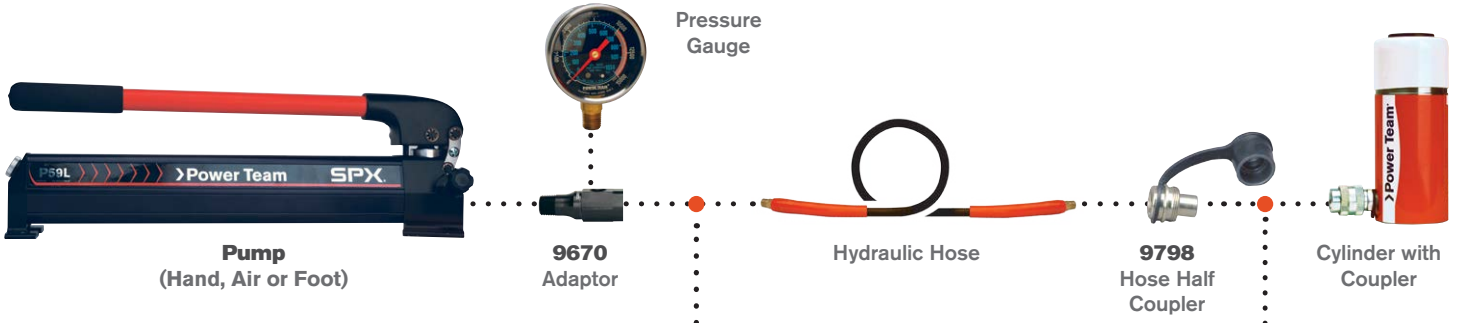
A KIT FOR ANY JOB

The SPX Cylinder Pump Sets (CPS) provide the quickest, easiest and one of the most cost effective ways to start or expand your hydraulic system. All sets include a Power Team pump and cylinder along with

a gauge, gauge adaptor and hose. The Power Team CPS kits offer one of the largest selections available in the industry, ensuring a kit is available that matches the needs of your project.

Typical System Diagram with Optional Accessories

Circuit Components Included in CPS Kits



Optional Accessories (order separately)



- 9636**
1 Quart (57 in³)
- 9637**
1 Gallon (231 in³)



9795
Coupler Set

9596
Load Lowering Valve



Order Guide

Instructions

Step 1

Choose a valid cylinder and pump combination from the table on the next page

Step 2

Choose a hose from the two options listed below.

Step 3











Choose a gauge

CPS	XXXXX		PXXX		XX	X	X																																																																																																
FAMILY	CYLINDER PART NUMBER		PUMP PART NUMBER		HOSE LENGTH	HOSE LENGTH UNIT OF MEASURE	GAUGE STYLE																																																																																																
Cylinder Pump Set	<table border="1"> <thead> <tr> <th>Item</th> <th>Tons</th> <th>Stroke</th> <th>Item</th> <th>Ton</th> <th>Stroke</th> </tr> </thead> <tbody> <tr><td>C55C</td><td>5 Ton</td><td>5"</td><td>RSS302</td><td>30 Ton</td><td>2"</td></tr> <tr><td>C102C</td><td>10 Ton</td><td>2"</td><td>RSS502</td><td>50 Ton</td><td>2"</td></tr> <tr><td>C106C</td><td>10 Ton</td><td>6"</td><td>RSS1002</td><td>100 Ton</td><td>2"</td></tr> <tr><td>C1010C</td><td>10 Ton</td><td>10"</td><td>RLS50</td><td>5 Ton</td><td>9/16"</td></tr> <tr><td>C154C</td><td>15 Ton</td><td>4"</td><td>RLS100</td><td>10 Ton</td><td>7/16"</td></tr> <tr><td>C156C</td><td>15 Ton</td><td>6"</td><td>RLS200</td><td>20 Ton</td><td>7/16"</td></tr> <tr><td>C256C</td><td>25 Ton</td><td>6"</td><td>RLS300</td><td>30 Ton</td><td>1/2"</td></tr> <tr><td>C2514C</td><td>25 Ton</td><td>14"</td><td>RLS500S</td><td>50 Ton</td><td>5/8"</td></tr> <tr><td>C556C</td><td>55 Ton</td><td>6"</td><td>RLS750S</td><td>75 Ton</td><td>5/8"</td></tr> <tr><td>C1006C</td><td>100 Ton</td><td>6"</td><td>RLS1000S</td><td>100 Ton</td><td>5/8"</td></tr> </tbody> </table>	Item	Tons	Stroke	Item	Ton	Stroke	C55C	5 Ton	5"	RSS302	30 Ton	2"	C102C	10 Ton	2"	RSS502	50 Ton	2"	C106C	10 Ton	6"	RSS1002	100 Ton	2"	C1010C	10 Ton	10"	RLS50	5 Ton	9/16"	C154C	15 Ton	4"	RLS100	10 Ton	7/16"	C156C	15 Ton	6"	RLS200	20 Ton	7/16"	C256C	25 Ton	6"	RLS300	30 Ton	1/2"	C2514C	25 Ton	14"	RLS500S	50 Ton	5/8"	C556C	55 Ton	6"	RLS750S	75 Ton	5/8"	C1006C	100 Ton	6"	RLS1000S	100 Ton	5/8"	<table border="1"> <thead> <tr> <th>Item</th> <th>Type</th> </tr> </thead> <tbody> <tr><td>P12</td><td>Hand</td></tr> <tr><td>P19L</td><td>Hand</td></tr> <tr><td>P55</td><td>Hand</td></tr> <tr><td>P59</td><td>Hand</td></tr> <tr><td>P59L</td><td>Hand</td></tr> <tr><td>P159</td><td>Hand</td></tr> <tr><td>P460</td><td>Hand</td></tr> <tr><td>PA6</td><td>Air</td></tr> <tr><td>PA9</td><td>Air</td></tr> <tr><td>P59F</td><td>Foot</td></tr> </tbody> </table>	Item	Type	P12	Hand	P19L	Hand	P55	Hand	P59	Hand	P59L	Hand	P159	Hand	P460	Hand	PA6	Air	PA9	Air	P59F	Foot	<table border="1"> <tr> <td>06 = 6 Feet, 2:1 Burst</td> <td>F = 6 Feet 2:1 Burst, IJ100/ASTM</td> </tr> <tr> <td colspan="2">06F = 9756 Hose</td> </tr> <tr> <td>02 = 2 Meters</td> <td>M = Meters 4:1 Burst, CE</td> </tr> <tr> <td colspan="2">02M = 9764E Hose</td> </tr> </table>	06 = 6 Feet, 2:1 Burst	F = 6 Feet 2:1 Burst, IJ100/ASTM	06F = 9756 Hose		02 = 2 Meters	M = Meters 4:1 Burst, CE	02M = 9764E Hose		<table border="1"> <tr> <td>P = PSI 9040</td> <td>D = Digital 9042DG</td> <td>B = Bar 9040E</td> </tr> </table>	P = PSI 9040	D = Digital 9042DG	B = Bar 9040E
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Example Part Number

CPS-C55C-P12-06FP: Cylinder Pump Set with C55C Cylinder (C Series, 5 short ton, 5" Stroke) with a P12 pump and a 6' hose (2:1Burst) and a 9040 gauge with PSI primary units.


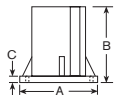

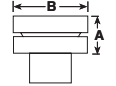

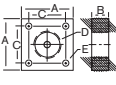

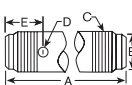

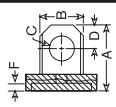

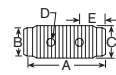

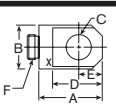

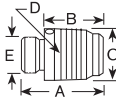

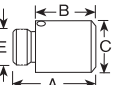

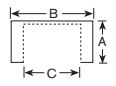

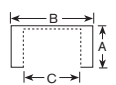

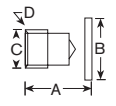
Select a valid combination from the table.

				PUMP								
				HAND						AIR		FOOT
				CLASSIC STEEL			LIGHTWEIGHT					2 SPEED
				SINGLE SPEED		2 SPEED	2 SPEED					
												
Series	Short Tons	Stroke (in)	Cylinder SKU	P12	P55	P59	P159	P19L	P59L	PA6	PA9	P59F
C 	5	3.25	C53C	C53C-P12	—	—	—	C53C-P19L	—	C53C-PA6	C53C-PA9	—
		5.25	C55C	C55C-P12	—	—	—	C55C-P19L	—	C55C-PA6	C55C-PA9	—
		7.25	C57C	C57C-P12	—	—	—	C57C-P19L	—	C57C-PA6	C57C-PA9	—
	10	1	C101C	—	C101C-P55	C101C-P59	—	C101C-P19L	—	C101C-PA6	C101C-PA9	—
		2.125	C102C	—	C102C-P55	C102C-P59	—	C102C-P19L	—	C102C-PA6	C102C-PA9	—
		4.125	C104C	⊗	C104C-P55	C104C-P59	—	C104C-P19L	—	C104C-PA6	C104C-PA9	C104C-P59F
		6.125	C106C	⊗	C106C-P55	C106C-P59	—	C106C-P19L	—	C106C-PA6	C106C-PA9	C106C-P59F
		8.125	C108C	⊗	C108C-P55	C108C-P59	—	C108C-P19L	—	C108C-PA6	C108C-PA9	C108C-P59F
		10.125	C1010C	⊗	C1010C-P55	C1010C-P59	—	—	C1010C-P59L	C1010C-PA6	C1010C-PA9	C1010C-P59F
		14.125	C1014C	—	C1014C-P55	C1014C-P59	—	⊗	C1014C-P59L	C1014C-PA6	C1014C-PA9	C1014C-P59F
	15	2.125	C152C	—	C152C-P55	C152C-P59	—	C152C-P19L	—	C152C-PA6	C152C-PA9	—
		4.125	C154C	⊗	C154C-P55	C154C-P59	—	C154C-P19L	—	C154C-PA6	C154C-PA9	—
		6.125	C156C	⊗	C156C-P55	C156C-P59	—	C156C-P19L	—	C156C-PA6	C156C-PA9	—
	25	1	C251C	—	C251C-P55	C251C-P59	—	C251C-P19L	—	C251C-PA6	C251C-PA9	—
		2	C252C	⊗	C252C-P55	C252C-P59	—	C252C-P19L	—	C252C-PA6	C252C-PA9	C252C-P59F
		4	C254C	⊗	C254C-P55	C254C-P59	—	C254C-P19L	—	C254C-PA6	C254C-PA9	C254C-P59F
		6.25	C256C	⊗	—	C256C-P59	—	⊗	C256C-P59L	C256C-PA6	C256C-PA9	C256C-P59F
		8.25	C258C	⊗	—	—	C258C-P159	⊗	C258C-P59L	C258C-PA6	⊗	C258C-P59F
		14.25	C2514C	⊗	⊗	⊗	C2514C-P159	⊗	⊗	C2514C-PA6	⊗	⊗
55	6.25	C556C	⊗	⊗	⊗	C556C-P159	⊗	⊗	C556C-PA6	⊗	⊗	
RSS 	10	1.5	RSS101	—	RSS101-P55	—	—	RSS101-P19L	—	RSS101-PA6	—	—
	20	1.75	RSS202	—	RSS202-P55	—	—	RSS202-P19L	—	RSS202-PA6	RSS202-PA9	—
	30	2.438	RSS302	⊗	—	RSS302-P59	—	RSS302-P19L	—	RSS302-PA6	RSS302-PA9	RSS302-P59F
	50	2.375	RSS502	⊗	—	RSS502-P59	—	—	RSS502-P59L	RSS502-PA6	RSS502-PA9	RSS502-P59F
	100	2.25	RSS1002	⊗	—	RSS1002-P59	—	⊗	RSS1002-P59L	RSS1002-PA6	⊗	RSS1002-P59F
RLS 	5	0.5625	RLS50	RLS50-P12	—	—	—	RLS50-P19L	—	RLS50-PA6	RLS50-PA9	—
	10	0.438	RLS100	RLS100-P12	—	—	—	RLS100-P19L	—	RLS100-PA6	RLS100-PA9	—
	20	0.438	RLS200	RLS200-P12	—	—	—	RLS200-P19L	—	RLS200-PA6	RLS200-PA9	—
	30	0.5	RLS300	—	RLS300-P55	—	—	RLS300-P19L	—	RLS300-PA6	RLS300-PA9	—
	50	0.625	RLS500S	—	RLS500S-P55	—	—	RLS500S-P19L	—	RLS500S-PA6	RLS500S-PA9	—
RH 	20	3	RH203	⊗	RH203-P55	—	—	RH203-P19L	—	RH203-PA6	RH203-PA9	RH203-P59F
	30	2.5	RH302	⊗	RH302-P55	—	—	RH302-P19L	—	RH302-PA6	RH302-PA9	RH302-P59F
RP 	2	5	RP25	—	RP25-P55	—	—	RP25-P19L	—	RP25-PA6	RP25-PA9	—
	5	5.5	RP55	—	RP55-P55	—	—	RP55-P19L	—	RP55-PA6	RP55-PA9	—

Note: Value(s) shown in short tons (2,000 lb). To convert to long tons, multiply by 0.893. To convert to metric tons, multiply by 0.907.

- RXX-PXX = valid combination.
- ⊗ = invalid combination. Not enough oil in pump to fill cylinder.
- = non-standard combination. Available by request only. Longer lead time and higher price may apply.

C Series Accessories

		Cylinder Tons	Order Number	A	B	C	D	E	F
Support Base  	10	420062	7	5	7/16				
	25	420063	7	5	7/16				
Swivel Cap  	10 or 15	350144	7/8	1-3/8					
	25	350145	1-1/8	2					
	55 or 75	350376	1-1/4	2-13/16					
	100	351574	1-29/32	3-15/32					
Cylinder Mounting Plate  	5	350099	3	1	2-1/8	1-1/2 — 16 UN-2B	11/32		
	10	350100	3-1/2	1	2-5/8	2-1/4 — 14 UNS-2B	11/32		
	15	350184	3-1/2	1	2-5/8	2-3/4 — 16 UN-2B	11/32		
	25	420064	5	2	3-21/32	3-5/16 — 12 UN-2B	21/32		
Extension Rod  	5	350895	5	7/8 Dia.	3/4 — 14 NPT	21/64 Dia.	2		
	5	38908	10	7/8 Dia.	3/4 — 14 NPT	21/64 Dia.	2		
	5	350896	18	7/8 Dia.	3/4 — 14 NPT	21/64 Dia.	2		
	10	350897	5	1-7/16 Dia.	1-1/4 — 11-1/2 NPT	21/64 Dia.	2		
	10	38909	10	1-7/16 Dia.	1-1/4 — 11-1/2 NPT	21/64 Dia.	2		
	10	350898	18	1-7/16 Dia.	1-1/4 — 11-1/2 NPT	21/64 Dia.	2		
Body Clevis  	5	350096†	2-1/16	1-1/8	5/8	5/8	9/16	1/4	
	10	350097†	3	1-11/16	7/8	1	1	1/4	
	15	350098†	3-1/16	1-11/16	7/8	1	1	1/4	
	25	420061†	3-9/16	2-1/4	1-1/4	1-1/4	1-1/2	1/4	
Threaded Connector  	5	25748	1-3/4	7/8 Dia.	3/4 — 14 NPSM	3/16 Dia.	1/2		
	10	25664	1-5/8	1-7/16 Dia.	1-1/4 — 11-1/2 NPSM	5/16 Dia.	9/16		
	25	25654	2-1/4	2-1/8 Dia.	2 — 11-1/2 NPSM	3/8 Dia.	5/8		
Piston Clevis  	5	350095	1-3/4	1-1/8	5/8	1-7/16	5/8	3/4 — 16UNC-2A	
	10 or 15	350094	2-9/16	1-11/16	7/8	2-5/16	1	1 — 8UNC-2A	
	25	420059	2-15/16	2-1/4	1-1/4	2-11/16	1-1/4	1-1/2 — 16UNC-2A	
Threaded Adapter  	5	202178	1-5/8	1-1/8	1-1/16 Dia.	3/4 — 14 NPT	3/4 — 16 UNF-2A		
	10 or 15	202179	1-13/16	1-1/16	1-5/8 Dia.	1-1/4 — 11-1/2 NPT	1 — 8 UNC-2A		
	25	202180	2-3/4	1-7/8	2-3/8 Dia.	2 — 11-1/2 NPT	1-1/2 — 16 UN-2A		
Plain Adapter  	10 or 15	350724	2	1-1/4	1-31/64 Dia.	—	1 — 8 UNC-2A		
	25	350723	2-1/8	1-1/4	2-1/4 Dia.	—	1-1/2 — 16 UN-2A		
Saddle Serrated  	5	25746*	1-1/8	1-5/16 Dia.	3/4 — 14 NPSM				
	10 or 15	31772*	1-1/8	2 Dia.	1-1/4 — 11-1/2 NPSM				
	25	31776*	1-5/16	3 Dia.	2 — 11-1/2 NPSM				
Saddle Smooth  	5	351575*	1-1/8	1-5/16 Dia.	3/4 — 14 NPSM				
	10	24016*	1-1/8	2 Dia.	1-1/4 — 11-1/2 NPSM				
	25	351576*	1-5/16	3 Dia.	2 — 11-1/2 NPSM				
Cylinder Base Attachment  	5	208380	1-5/8	1-3/4 Dia.	3/4 — 14 NPSM	9/32 Dia. (2) 1/4 — 20 UNC x 3/4 Lg. Socket Head Cap Screws			
	10	208381	1-7/8	2-1/2 Dia.	1-1/4 — 11-1/2 NPSM	11/32 Dia. (2) 5/16 — 18 UNC x 3/4 Lg. Socket Head Cap Screws			
	25	208382	2-3/8	3-3/8 Dia.	2 — 11-1/2 NPSM	17/32 Dia. (2) 1/2 — 13 UNC x 1 Lg. Socket Head Cap Screws			

* Item requires threaded adapter when used with "C" series cylinders. They may be used on threaded "CBT" cylinders without the use of an adapter.

† Mounting screws are included.

All dimensions in inches.

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