



## Combinations

### Pump and Cylinder Sets

#### Each set includes:

- 1/4" ID 6 foot Hydraulic Hose
- 3/8" High Flow Male Coupler
- Adapter (SP3 Models Only)
- 2 1/2" Face Diameter Wet Gauge



| Single Acting Cylinder Type                                                                                     | Cylinder       |              |             |                       | Hand Pump P350                                                                    | Hand Pump P1000                                                                    | Hand Pump P2301                                                                     | Air Pump PA1500                                                                     |
|-----------------------------------------------------------------------------------------------------------------|----------------|--------------|-------------|-----------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                                                 | Capacity (Ton) | Model Number | Stroke (in) | Collapsed Height (in) |  |  |  |  |
| General Purpose Cylinders<br> | 5              | H0505        | 5.08        | 8.70                  | SP3-0505                                                                          | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 | 10             | H1002        | 2.01        | 4.84                  | -                                                                                 | SP10-1002                                                                          | -                                                                                   | SA15-1002                                                                           |
|                                                                                                                 |                | H1004        | 4.02        | 6.85                  | -                                                                                 | SP10-1004                                                                          | -                                                                                   | SA15-1004                                                                           |
|                                                                                                                 |                | H1006        | 5.94        | 9.84                  | -                                                                                 | SP10-1006                                                                          | -                                                                                   | SA15-1006                                                                           |
|                                                                                                                 |                | HT1006       | 5.95        | 11.46                 | -                                                                                 | SP10-1006T                                                                         | -                                                                                   | SA15-1006T                                                                          |
|                                                                                                                 |                | H1010        | 9.96        | 13.86                 | -                                                                                 | SP10-1010                                                                          | -                                                                                   | SA15-1010                                                                           |
|                                                                                                                 |                | HT1010       | 9.96        | 15.47                 | -                                                                                 | SP10-1010T                                                                         | -                                                                                   | SA15-1010T                                                                          |
|                                                                                                                 | 15             | H1504        | 3.98        | 7.87                  | -                                                                                 | SP10-1504                                                                          | -                                                                                   | SA15-1504                                                                           |
|                                                                                                                 |                | H1506        | 5.98        | 10.63                 | -                                                                                 | SP10-1506                                                                          | -                                                                                   | SA15-1506                                                                           |
|                                                                                                                 | 25             | H2502        | 2.01        | 6.61                  | -                                                                                 | SP10-2502                                                                          | -                                                                                   | SA15-2502                                                                           |
|                                                                                                                 |                | H2504        | 4.02        | 8.62                  | -                                                                                 | SP10-2504                                                                          | -                                                                                   | SA15-2504                                                                           |
|                                                                                                                 |                | H2506        | 6.10        | 10.71                 | -                                                                                 | SP10-2506                                                                          | -                                                                                   | SA15-2506                                                                           |
|                                                                                                                 |                | H2508        | 8.11        | 12.72                 | -                                                                                 | -                                                                                  | SP23-2508                                                                           | SA15-2508                                                                           |
|                                                                                                                 |                | H2514        | 14.25       | 18.74                 | -                                                                                 | -                                                                                  | SP23-2514                                                                           | SA15-2514                                                                           |
|                                                                                                                 | 55             | H5506        | 6.26        | 11.14                 | -                                                                                 | -                                                                                  | SP23-5506                                                                           | SA15-5506                                                                           |
|                                                                                                                 | 100            | H10002A      | 2.01        | 8.62                  | -                                                                                 | -                                                                                  | SP23-10002A                                                                         | -                                                                                   |
| Flat Body Cylinders<br>      | 5              | HF0503*      | 0.24        | 1.26                  | SP3-0503F                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 |                | HF0503B *    | 0.24        | 1.26                  | SP3-0503B                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 | 10             | HF1005       | 0.43        | 1.69                  | SP3-1005F                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 |                | HF1005B      | 0.43        | 1.69                  | SP3-1005B                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 | 20             | HF2005       | 0.43        | 2.01                  | SP3-2005F                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 |                | HF2005B      | 0.43        | 2.01                  | SP3-2005B                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 | 30             | HF3005       | 0.51        | 2.31                  | SP3-3005F                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 |                | HF3005B      | 0.51        | 2.31                  | SP3-3005B                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 | 50             | HF5006       | 0.63        | 2.64                  | SP3-5006F                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 |                | HF5006B      | 0.63        | 2.64                  | SP3-5006B                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 | 75             | HF7506       | 0.63        | 3.13                  | SP3-7506F                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 | 100            | HF10006      | 0.63        | 3.37                  | SP3-10006F                                                                        | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                 | 150            | HF15006      | 0.63        | 3.94                  | -                                                                                 | SP10-15006F                                                                        | -                                                                                   | -                                                                                   |

\* HF0503 comes with CR38M coupler

\*\* HC1202 comes with CRZ14M coupler



◀ We see here our combo kit SA15-3002L getting set up to lift a load. This combo kit includes a HL3002 cylinder, PA1500 air pump, CS3814 hose/CH38M coupler set, CF3814 gauge adapter and a GW2514 pressure gauge.

## Combinations

### Pump and Cylinder Sets



| Single Acting Cylinder Type                                                                                  | Cylinder       |            |             |                       | Hand Pump P350                                                                     | Hand Pump P1000                                                                     | Hand Pump P2301                                                                     | Air Pump PA1500                                                                     |
|--------------------------------------------------------------------------------------------------------------|----------------|------------|-------------|-----------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                                              | Capacity (Ton) | Model      | Stroke (in) | Collapsed Height (in) |  |  |  |  |
| Hollow Hole Cylinders<br>   | 12             | HC1201T**  | 0.31        | 2.36                  | SP3-1201T                                                                          | -                                                                                   | -                                                                                   | -                                                                                   |
|                                                                                                              |                | HC1202T**  | 1.61        | 4.74                  | SP3-1202T                                                                          | -                                                                                   | -                                                                                   | -                                                                                   |
|                                                                                                              |                | HC1202XT** | 1.61        | 4.74                  | SP3-1202XT                                                                         | -                                                                                   | -                                                                                   | -                                                                                   |
|                                                                                                              |                | HC1203XT   | 2.99        | 7.24                  | -                                                                                  | SP10-1203XT                                                                         | -                                                                                   | -                                                                                   |
|                                                                                                              | 20             | HC2002T    | 2.01        | 6.38                  | -                                                                                  | SP10-2002T                                                                          | -                                                                                   | SA15-2002T                                                                          |
|                                                                                                              | 30             | HC3002T    | 2.52        | 7.05                  | -                                                                                  | SP10-3002T                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                              |                | HC3006T    | 6.11        | 13.02                 | -                                                                                  | SP10-3006T                                                                          | -                                                                                   | SA15-3006T                                                                          |
|                                                                                                              | 60             | HC6003T    | 3.00        | 9.77                  | -                                                                                  | SP10-6003T                                                                          | -                                                                                   | SA15-6003T                                                                          |
|                                                                                                              |                | HC6006T    | 6.00        | 12.76                 | -                                                                                  | -                                                                                   | SP23-6006T                                                                          | SA15-6006T                                                                          |
|                                                                                                              | 100            | HC10003T   | 3.00        | 10.00                 | -                                                                                  | -                                                                                   | SP23-10003T                                                                         | SA15-10003T                                                                         |
| Low Profile Cylinders<br> | 10             | HL1001     | 1.50        | 3.48                  | SP3-1001L                                                                          | SP10-1001L                                                                          | -                                                                                   | SA15-1001L                                                                          |
|                                                                                                              | 20             | HL2002     | 1.75        | 3.90                  | SP3-2002L                                                                          | SP10-2002L                                                                          | -                                                                                   | SA15-2002L                                                                          |
|                                                                                                              | 30             | HL3002     | 2.44        | 4.61                  | SP3-3002L                                                                          | SP10-3002L                                                                          | -                                                                                   | SA15-3002L                                                                          |
|                                                                                                              | 50             | HL5002     | 2.36        | 4.80                  | -                                                                                  | SP10-5002L                                                                          | -                                                                                   | SA15-5002L                                                                          |
|                                                                                                              | 60             | HL6003KK   | 2.50        | 5.63                  | -                                                                                  | SP10-6003L                                                                          | SP23-6003L                                                                          | SA15-6003L                                                                          |
|                                                                                                              | 100            | HL10002    | 2.24        | 5.55                  | -                                                                                  | SP10-10002L                                                                         | SP23-10002L                                                                         | SA15-10002L                                                                         |
| Lock Nut Cylinders<br>    | 55             | HLN5502    | 1.97        | 6.50                  | -                                                                                  | -                                                                                   | SP23-5502LN                                                                         | SA15-5502LN                                                                         |
|                                                                                                              |                | HLN5504    | 3.94        | 8.40                  | -                                                                                  | -                                                                                   | SP23-5504LN                                                                         | SA15-5504LN                                                                         |
|                                                                                                              |                | HLN5506    | 5.91        | 10.40                 | -                                                                                  | -                                                                                   | SP23-5506LN                                                                         | SA15-5506LN                                                                         |
| Aluminum Cylinders<br>    | 30             | HU3002T    | 2.00        | 6.50                  | SP3-3002U                                                                          | -                                                                                   | -                                                                                   | SA15-3002U                                                                          |
|                                                                                                              |                | HU3006T    | 6.00        | 10.50                 | -                                                                                  | SP10-3006U                                                                          | -                                                                                   | SA15-3006U                                                                          |
|                                                                                                              | 50             | HU5006T    | 6.00        | 10.50                 | -                                                                                  | -                                                                                   | SP23-5006U                                                                          | SA15-5006U                                                                          |

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