

## CO<sub>2</sub> CYLINDER FILLING SYSTEMS

### In-plant filling of high pressure CO<sub>2</sub> cylinders

Charge CO<sub>2</sub> cylinders (and fire extinguishers) **right in your own plant** using liquid CO<sub>2</sub> from storage. The operation is **simple** and can be performed **safely** by plant personnel.

Available Models: SC-4, SC-6



Model SC-4

### FEATURES

Both models include:

- **SINGLE STAGE, SINGLE CYLINDER, POSITIVE DISPLACEMENT PUMPS**
- **PRESSURE GAUGE**  
Shows delivery pressure to the cylinder being filled.
- **RELIEF VALVES AND SAFETY DISCS**  
Protects operator and equipment
- **BLEED-OFF VALVES**  
Relieves pressure when filling is completed or interrupted
- **DRIVE MOTOR**  
Motor starter (as specified on back page)
- **FLEXIBLE CHARGING HOSE(S) WITH SWIVEL CONNECTION(S)**  
Connects the unit to the cylinder to be filled
- **PRESSURE REGULATOR (MODEL SC-6 ONLY)**  
Regulates filling pressure and returns excess liquid CO<sub>2</sub> to storage, allowing continuous operation.



Model SC-6

CFS110706



### VALUABLE OPTIONS

#### Automatic Cut-Off (available for Model SC-6 only)

- Allows automatic control of CO<sub>2</sub> filling valve
- Results in more accurate filling of cylinders
- Allows better utilization of manpower
- Protects against both under and overfill of cylinders

#### Double Beam Platform Scale

- Accurately indicates weight of empty and full cylinder
- Available in either pound or kilogram graduations
- Net weight: 160 lbs (73kg)

#### Electronic Digital Scales

### INCREASE PRODUCTION WITH MULTI-SCALE ARRANGEMENTS



### SPECIFICATIONS

Units	Model SC4		Model SC6	
	US	Metric	US	Metric
Nominal Capacity	6 lb/minute	2.7 kg/minute	35 lb/minute	16 kg/minute
Inlet Pressure	250-300 psig	17.58-21.09 kg/cm <sup>2</sup>	250-300 psog	17.58-21.09 kg/cm <sup>2</sup>
Discharge Pressure	1000 psig max.	70.30 kg/cm <sup>2</sup> max.	1000 psig max.	70.30 kg/cm <sup>2</sup> max.
Pump Speed	Approximately 175 RPM	Approximately 175 RPM	Approximately 425 RPM	Approximately 425 RPM
Motor	1 HP	0.75 KW	5 HP	3.75 KW
Package Size (L x W x H)	29 x 17 x 24 inches	737 x 432 x 610 mm	39 x 21.5 x 33.5 inches	990 x 546 x 850 mm
Net Weight	170 lb	77 kg	550 lb	249.5 kg