

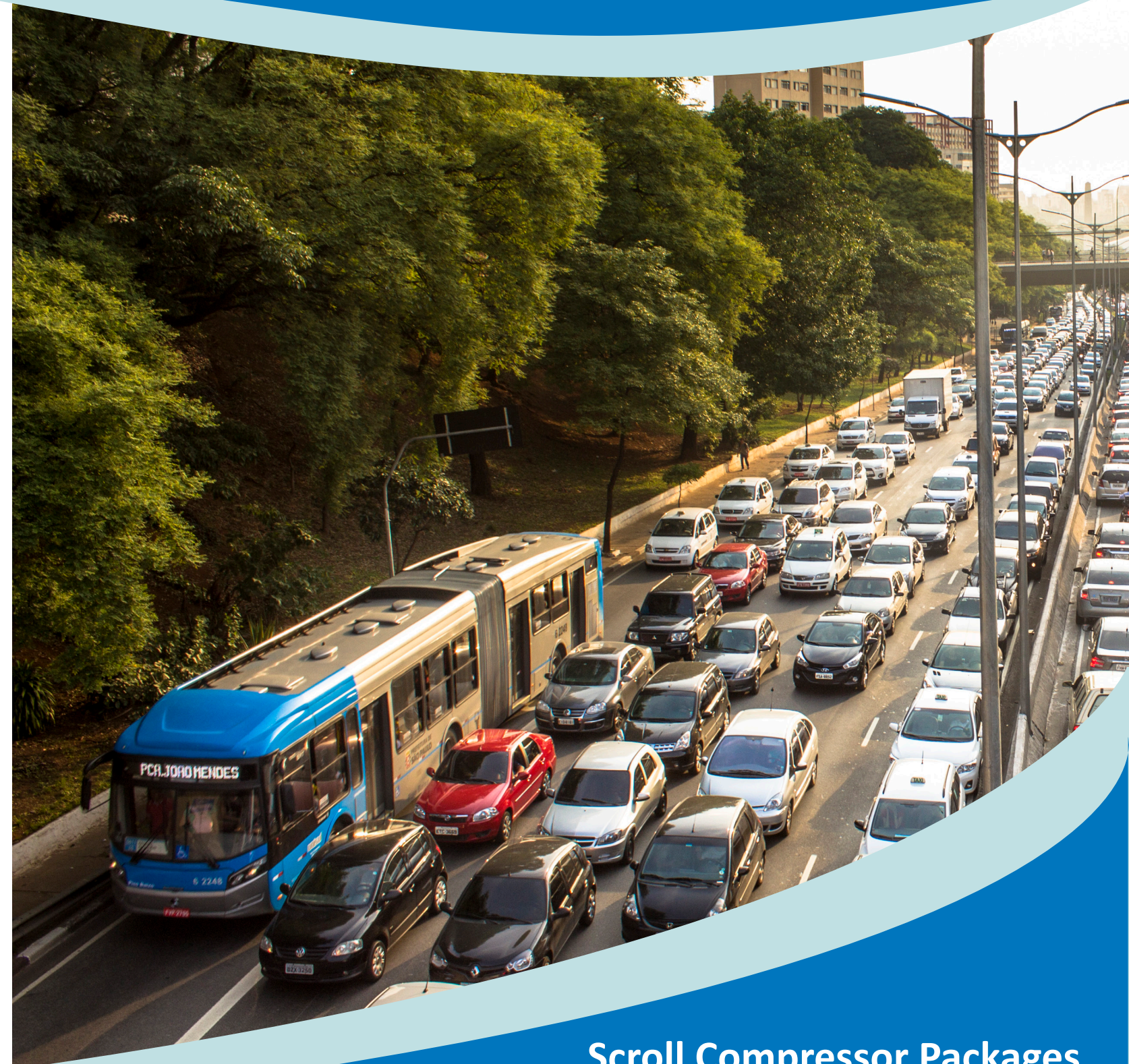
Powerex has led scroll technology since 1991 when we introduced the first completely oil-less scroll air compressor. Our technology and expertise in clean, dry air systems is unmatched. Powerex manufactures compressors, pumps, air receivers, control panels, air dryers, dew point monitors, and more, to provide a total system approach to your air compressor needs. All facilities are ISO9001:2008 registered so you can be assured of the highest quality. The enclosed scroll compressors feature compact footprints, energy efficient operation, low maintenance, and environmentally friendly design, all in one complete package.



Powerex is a proud manufacturer of ISO 8573-1:2010 "Class Zero" Oil-free compressed air systems using oil-less scroll and oil-free rotary tooth technology. Powerex is a leading manufacturer of oil-less compressed air and vacuum systems for medical gas, laboratory, and critical-process industrial applications such as transportation. We are an ISO 9001:2008 manufacturing facility that is able to provide complete air systems including tanks, UL508A control panels, and dryers. Contact Powerex today to match you with the right compressor for your application.

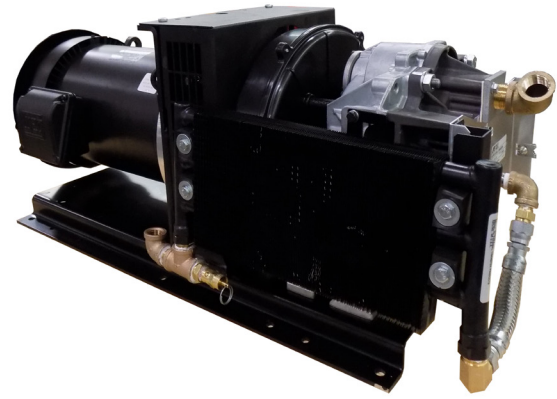


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Scroll Compressor Packages for Transportation

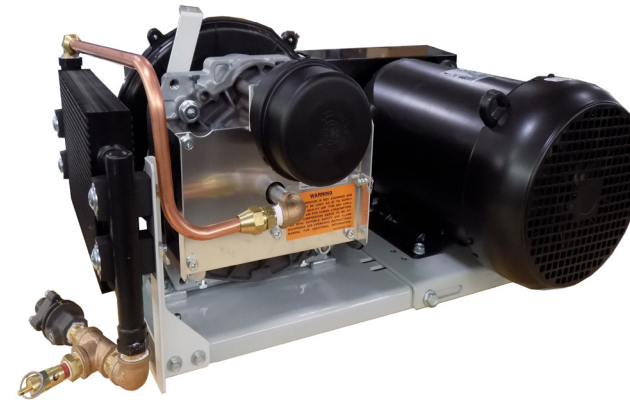
OIL-LESS SCROLL DIRECT COUPLE



Benefits of Oil-less Scroll

- Completely oil-less, extremely quiet, and energy efficient.
- The scroll pump has few moving parts, making it reliable and easier to maintain.
- Self lubricating tip seals and absence of a gearbox means the pump is truly 100% oil free.
- Patented bearing re-grease feature has been improved to allow maintenance from the front side of the pump, cutting service time in half.
- Patented tip seal design yields the highest flow rates and longevity of any other dry scroll compressor

OIL-LESS SCROLL BASEMOUNT

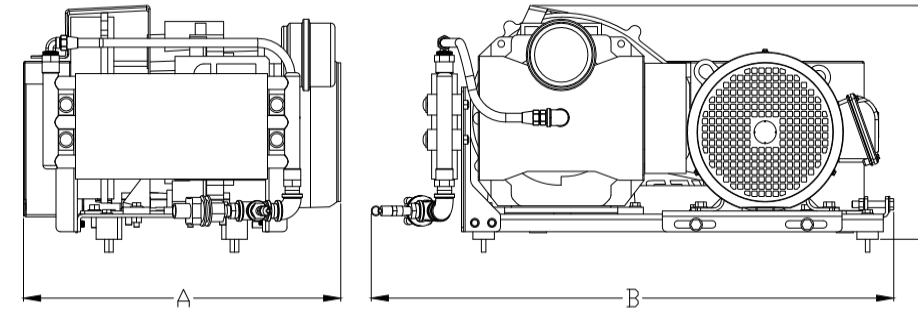
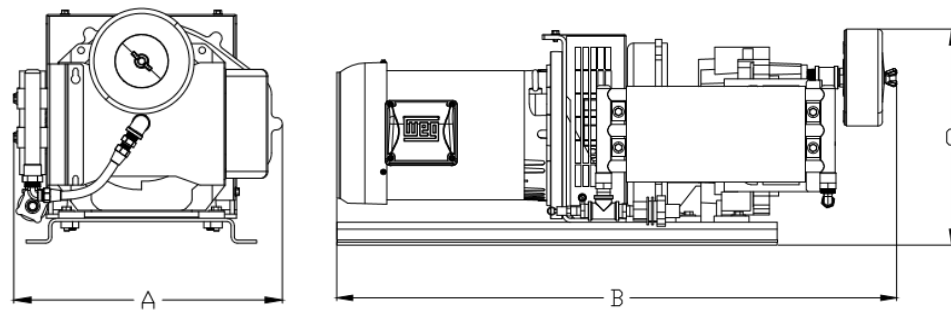


Benefits of Oil-less Scroll

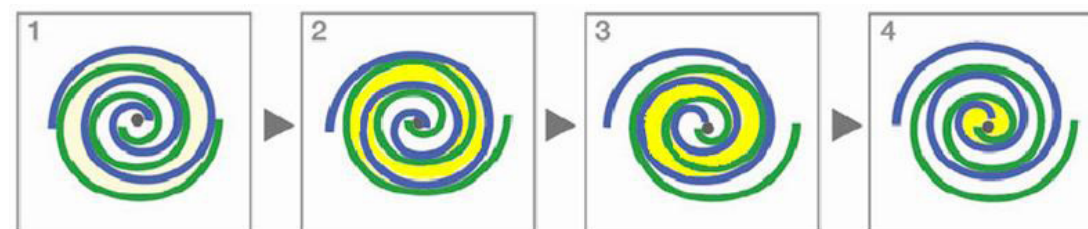
- Light weight and compact design which allows customization for each unique customer.
- Reduce waste and protecting the environment by eliminating oil anywhere in the compressor as well as eliminating oil changes.
- Reduce cost with our easy to maintain design which shortens service downtimes.
- Higher efficiency equates to energy savings by achieving more output with less energy consumption.

Oil-Less Scroll Basemount Simplex							
Model	HP	SCFM @ Max PSIG	Maximum PSIG	Dimensions			System Weight (lbs.)
				Dim A	Dim B	Dim C	
SDC050700	5	16.1	115	15-1/2"	35-1/4"	13-1/2"	160
SDC050700HP	5	13.3	145	15-1/2"	35-1/4"	13-1/2"	160

Oil-Less Scroll Basemount Simplex							
Model	HP	SCFM @ Max PSIG	Maximum PSIG	Dimensions			System Weight (lbs.)
				Dim A	Dim B	Dim C	
SBB030700	3	8.7	115	18-1/2"	30-1/4"	12-3/4"	127
SBB030700HP	3	7.1	145	18-1/2"	30-1/4"	12-3/4"	127
SBB050700	5	14.5	115	18-1/2"	30-1/2"	13-1/4"	150
SBB050700HP	5	11.8	145	18-1/2"	30-1/2"	13-1/4"	150



The theory of scroll compression is based on crescent shaped gas pockets that are formed by the meshed scrolls. As the scroll orbits the pockets spiral toward the center of the pump and diminish in size until the compressed air reaches the outlet at the pump's center.



Industry Leading Technology

