



# Oil Less Scroll COMPRESSOR

SLB/SLBE Base Mount  
SLT/SLTE Tank Mount



ANEST IWATA Air Engineering, Inc. is a wholly owned subsidiary of ANEST IWATA Corporation. We manufacture, distribute and service air compressors and vacuum pumps from this facility. We are located in West Chester, OH (just north of Cincinnati, OH) in a 53,000 sq. ft. facility.



ANEST IWATA Corporation was founded in 1926 with headquarters located in Yokohama, Japan. We are a global manufacturer with 3 main divisions: Air Compressors, Vacuum Pumps and Spray Painting Equipment. With over 42 subsidiaries and companies worldwide, we are truly a global sales and service company with over 1400 employees total. Our Yokohama offices are home to our state of the art training center, corporate showroom & administration center.



*The Air of Trust*

## ANEST IWATA

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ANEST IWATA Corporation was the first to develop and market the oil less, air-cooled scroll pump in 1991. Since then, ANEST IWATA has refined and improved the scroll design to meet the requirements for critical air.



**CLASS ZERO OILFREE**



SLB/SLBE-5

The SLTE and SLT are tank mounted units which utilizes ANEST IWATA's oil less scroll pumps mounted on ASME code receivers. The unit comes standard with an air over air aftercooler and sensor drain. There are various sizes to provide flexibility on receiver selection.

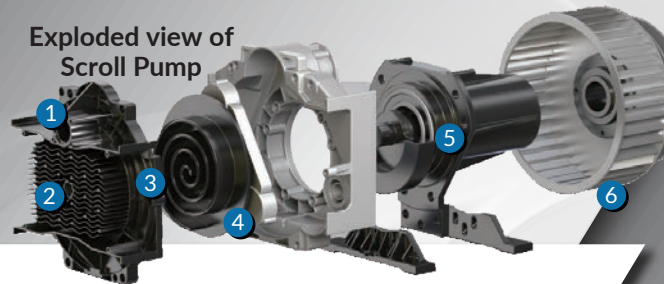


SLT/SLTE-10D

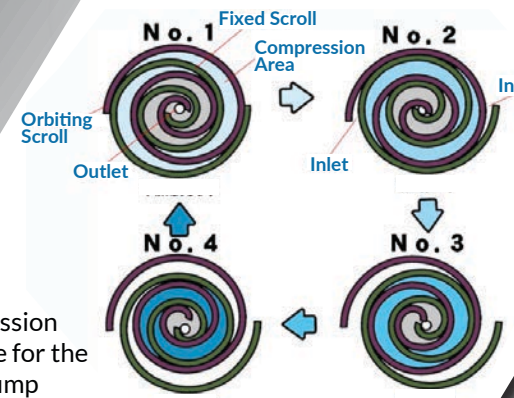


SLT/SLTE-5

The ANEST IWATA tank mounted and base mounted packages utilize our oil less scroll pump to provide quality air for critical applications. The scroll pump has a fixed portion and an orbiting portion that allow for air to be forced through an increasing confined space.



- 1 Pump Inlet
- 2 Pump Outlet
- 3 Fixed Scroll
- 4 Orbiting Scroll
- 5 Main Bearing Housing
- 6 High Flow Sirocco Fan for Cooling



Compression principle for the scroll pump

ISO 8573-1:2010 Class Zero Oil Free scroll compressor

UL508A rated Control Panel

Oversized 5 micron inlet filters

Premium efficient TEFC motor

Low vibration

Integral cooling fan

Re-greasable bearings

Patented tip seal design

Aftercooler included

ASME code receiver - 30, 60, 80, 120 & 240 gallons

Quiet - optional sound reducing enclosure

**Technical Data - SLB**

Model	Horse Power (HP)	Max Pressure (PSI)	SCFM Max 115 PSI	SCFM Max 145 PSI	Air Outlet (NPT)	Voltage (V)	Dimensions LxWxH (Reference)	Weight (lbs)
SLB-2	2	115	5.3	-	1/2" NPT	1ph, 115/208-230, 460 3ph, 208-230, 460	34x22x17	140
SLB-2H	2	145	-	4.5	CV: 3/8"			
SLB-3	3	115	7.8	-	1/2" NPT	3ph, 208-230/460	34x22x17	155
SLB-3H	3	145	-	6.4	CV: 3/8"			
SLB-5	5	115	14.8	-	1/2" NPT	3ph, 208-230/460	34x22x17	175
SLB-5H	5	145	-	11.7	CV: 3/8"			
SLB-7.5	7.5	115	22.6	-	1/2" NPT	3ph, 208-230/460	35x22x21	320
SLB-10	10	115	29.7	-	CV: 3/8"		35x22x22	350

**Technical Data - SLBE**

Model	Horse Power (HP)	Max Pressure (PSI)	SCFM Max 115 PSI	SCFM Max 145 PSI	Air Outlet (NPT)	Voltage (V)	Dimensions LxWxH (Reference)	Weight (lbs)
SLBE-2	2	115	5.3	-	1/2" NPT	1ph, 115/208-230, 460 3ph, 208-230, 460	43x22x21	270
SLBE-2H	2	145	-	4.5	CV: 3/8"			
SLBE-3	3	115	7.8	-	1/2" NPT	3ph, 208-230/460	43x22x21	285
SLBE-3H	3	145	-	6.4	CV: 3/8"			
SLBE-5	5	115	14.8	-	1/2" NPT	3ph, 208-230/460	43x22x21	310
SLBE-5H	5	145	-	11.7	CV: 3/8"			
SLBE-7.5*2	7.5	115	22.6	-	1/2" NPT	3ph, 208-230/460	43x22x21	390
SLEB-10*2	10	115	29.7	-	CV: 3/8"			440

**Technical Data - SLT**

Model	Horse Power (HP)	Pressure On/Off (PSI)	Flow Rate (SCFM)	Flow Rate-High Pressure (SCFM)	Air Outlet (Ball Valve) (NPT)	Phase	Sound (dB)	Receiver*1 (GAL)	Voltage (V)	Dimensions LxWxH (Reference)	Weight (lbs)
SLT-2-30	2	85-115	5.3	-	1/2"	1 or 3	51	30	115/208-230/460	42x29x38	310
SLT-2H-30	2	115-145	-	4.5	1/2"	1 or 3	51	30			
SLT-3-30	3	85-115	7.8	-	1/2"	1 or 3	62	30	208-230/460	42x29x38	320
SLT-3H-30	3	115-145	-	6.4	1/2"	1 or 3	62	30			
SLT-5-30	5	85-115	14.8	-	1/2"	3	68	30	208-230/460	42x29x38	340
SLT-5H-30	5	115-145	-	11.7	1/2"	3	68	30			
SLT-7.5-80	7.5	85-115	22.6	-	3/4"	3	74	80	208-230/460	64x29x48	550
SLT-10-80	10	85-115	29.7	-	3/4"	3	75	80		64x29x49	580
SLT-10D-120	10(5HPx2)	#1 pump 85-115 #2 pump 75-105	29.6	-	3/4"	3	72	120	208-230/460	68x37x47	705
SLT-10DH-120	10(5HPx2)	#1 pump 115-145 #2 pump 105-135	-	23.4	3/4"	3	72				
SLT-15D-120	15(7.5HPx2)	#1 pump 85-115 #2 pump 75-105	45.2	-	1"	3	78	120	208-230/460	68x37x52	1010
SLT-20D-120	20(10HPx2)	#1 pump 85-115 #2 pump 75-105	59.4	-	1"	3	79			68x37x53	1080

\*1 - Available in different sizes - consult factory

**Technical Data - SLTE**

Model	Horse Power (HP)	Pressure On/Off (PSI)	Flow Rate (SCFM)	Flow Rate-High Pressure (SCFM)	Air Outlet (Ball Valve) (NPT)	Phase	Sound (dB)	Receiver*1 (GAL)	Voltage (V)	Dimensions LxWxH (Reference)	Weight (lbs)
SLTE-2-30	2	85-115	5.3	-	1/2"	1 or 3	50	30	115/208-230/460	47x29x43	370
SLTE-2H-30	2	115-145	-	4.5	1/2"	1 or 3	50	30	115/208-230/460	47x29x43	370
SLTE-3-30	3	85-115	7.8	-	1/2"	1 or 3	56	30	115/208-230/460	47x29x43	385
SLTE-3H-30	3	115-145	-	6.4	1/2"	1 or 3	56	30	115/208-230/460	47x29x43	385
SLTE-5-30	5	85-115	14.8	-	1/2"	3	61	30	208-230/460	47x29x43	415
SLTE-5H-30	5	115-145	-	11.7	1/2"	3	61	30	208-230/460	47x29x43	415
SLTE-7.5-80*2	7.5	85-115	22.6	-	3/4"	3	64	80	208-230/460	63x29x49	580
SLTE-10-80*2	10	85-115	29.7	-	3/4"	3	65	80	208-230/460	63x29x49	630
SLTE-10D-120	10(5HPx2)	#1 pump 85-115 #2 pump 75-105	29.6	-	3/4"	3	62	120	208-230/460	68x43x52	800
SLTE-10H-120	10(5HPx2)	#1 pump 115-145 #2 pump 105-135	-	23.4	3/4"	3	62	120	208-230/460	68x43x52	800
SLTE-15D-120*2	15(7.5HPx2)	#1 pump 85-115 #2 pump 75-105	45.2	-	1"	3	69	120	208-230/460	70x43x52	1100
SLTE-20D-120*2	20(10HPx2)	#1 pump 85-115 #2 pump 75-105	59.4	-	1"	3	69	120	208-230/460	70x43x52	1160

\*1 - Available in different sizes - consult factory  
\*2 - Used ODP Motor