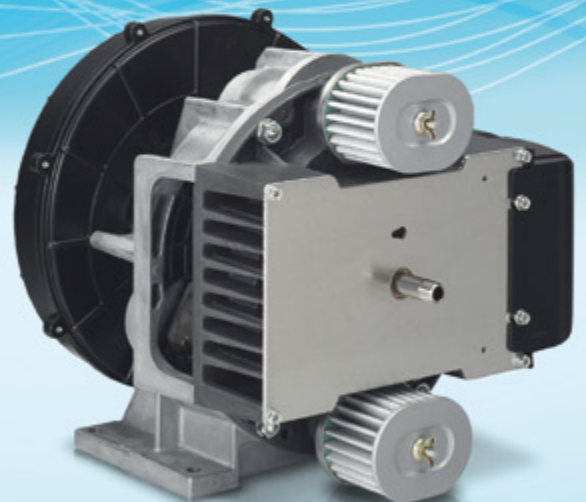


**Air compressor**  
for original equipment manufacturers (OEM)

**HITACHI**  
Inspire the Next

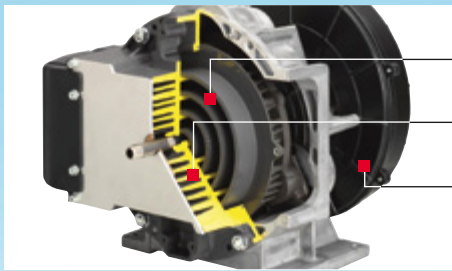
**OIL FREE**



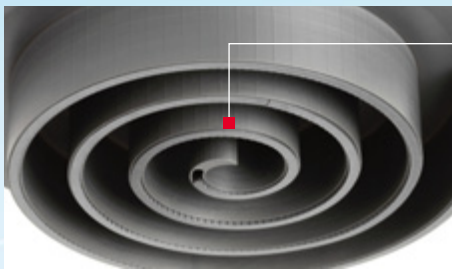
# Oil Free Scroll

## Oil free scroll compressor air end for original equipment manufacturers

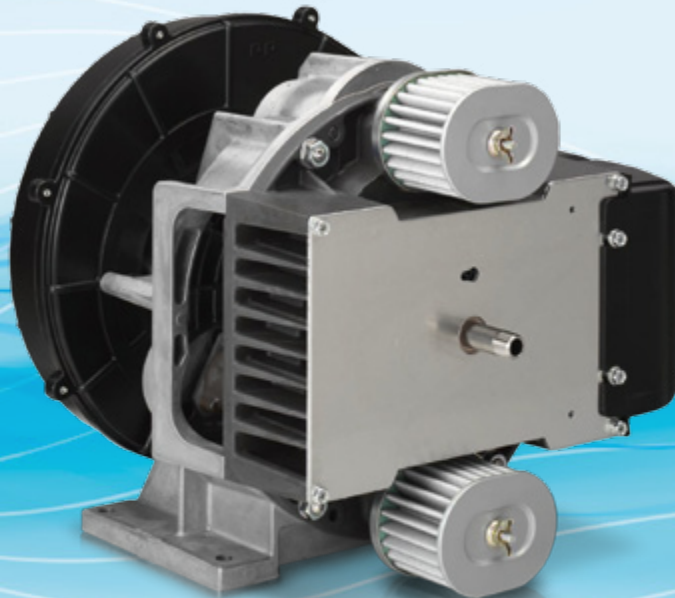
Hitachi's oil free scroll compressor is designed for low vibration, high reliability and long maintenance intervals. The compact air end comes with built in cooling system and filtering elements. Over sized roller bearing is used to increase system lifecycle. An oil less, low vibration, low noise compressor system can be achieved with the addition of standard components such as motor, belts, plumbing and cooling.



- Oil less compression chamber from treated Aluminium diecast for high quality air
- Effective aluminium heat radiation fin for higher efficiency and long life
- Integrated cooling system (Fan)



Hitachi original Scroll design for increased reliability



Model		SRL-2.2C		SRL-5.5C		SRL-7.5C +++ Coming soon +++	
Recommended Motor		kW (HP)	1.5 or 2.2 (2 or 3)	3.7 or 5.5 (5 or 7.5)	7.5 (10)		
Max Pressure 0.83 MPa (120 PSIG)	Capacity	L/min (cfm)	160 (5.65) for 1.5 kW 240 (8.47) for 2.2 kW	400 (14.12) for 3.7 kW 600 (21.19) for 5.5 kW	850 (30) for 7.5 kW 0.8 MPa		
Max Pressure 1 MPa (140 PSIG)	Capacity	L/min (cfm)	200 (7.06) for 1.5 kW	440 (15.54) for 5.5 kW	680 (24) for 7.5 kW		
Dimensions (W x D x H)		mm (inch)	358 x 359 x 298 (14.09 x 14.13 x 11.73)	421 x 431 x 354 (16.57 x 16.97 x 13.94)	425 x 440 x 355 (16.7 x 17.3 x 14.0)		
Weight		kg (Lb)	15.9 (35.1)	27.5 (61)	28 (62)		

# Oil Free Reciprocating

## Oil free reciprocating compressor air end for original equipment manufacturers

Hitachi's oil free reciprocating compressors use an innovative lip ring piston which results in reduced vibration and hence reduced noise. The LE series comes equipped with both the air end and motor together in one compact housing. The LE series is available in both 3 phase and single phase variants. Single phase units feature a non-load starting system such that air purge or soft start equipment is not required.



### High Pressure

Newly developed cooling system and lip ring material allow for standard 0.8MPa (1.0MPa optional)

### Low Noise

Vibrating lip ring compression method, crank room air intake and optimization of suction port enable a reduction in tone of operating noise

### Long Maintenance Interval

Overhaul periods of up to 8,000 hours (0.8MPa)

### Versatile

Easy integration into a variety of applications



Model		0.2LE-8S0	0.2LE-8T0	0.4LE-8S0	0.4LE-8T0	0.75LE-8S0	0.75LE-8T0
Motor Shaft Power	kW	0.2	0.2	0.4	0.4	0.75	0.75
Phase		Single	Three	Single	Three	Single	Three
Voltage	V	230	400	230	400	230	400
Frequency	Hz	50					
Max. Pressure	MPa	0.8 (Available for 1.0Mpa)					
Free Air Delivery (50 Hz)	L / min	20		42		85	
Noise Level (50 Hz)	dB(A)	56		60		63	
Dimensions (W × L × H)	mm	234 × 152 × 220		286 × 170 × 235		430 × 170 × 235	
Weight	kg	7		10		18	
Overhaul Interval	hr	8,000 (0.8MPa)					

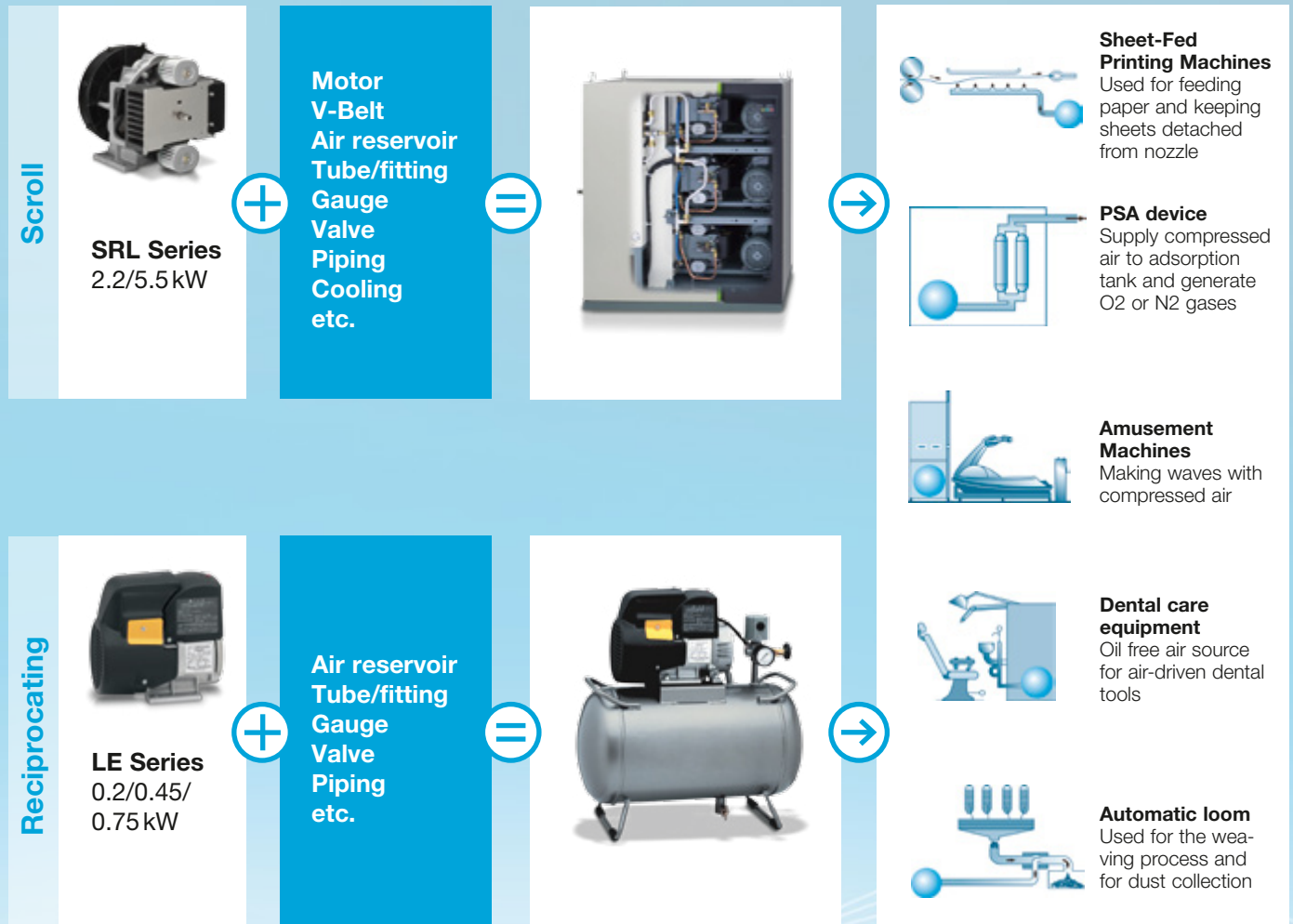
# Application Examples

## Air end

## Components

## Compressor

## Applications



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