Sollant Compressors Australia

03 8768 8072
sales@sollantcompressors.com.au
32 Gaine Road, Dandenong South, VIC 3175

Specification Sheet

TWO-STAGE SCREW AIR COMPRESSORS 22 kW -45 kW

Lowest Life-Cycle Cost Of Any Compressor On The Market

Compared with single stage compressors, a two-stage design operates far closer to true isothermal compression. This is achieved by injecting fresh oil between the stages, which lowers the second-stage inlet temperature. The cooler intake reduces the inter-stage compression ratio, boosting efficiency, while the two-stage setup also minimises rotor-seal leakage, delivering exceptional volumetric efficiency.

Two-Stage Compression Air

- Low Compression Ratio
- Low Temperature Rising
- Low Air Leakage

IE4 Permanent Magnet Motor (PM)

- Motor Efficiency 97%

Variable Speed Drive (VSD)

- Constant Pressure Output To Remove Pressure Fluctuation & Off-load
- Constant Temperature Output 80~85.C
- Low Starting Current To Protect Components

Additional Benefits

- Centrifugal Fan, For Superior Cooling
- Cold Air Suction, Hot Air Top Discharge
- Avoids Excess Pressure Waste
- Longer Life Of Air-End
- Optimised To Reduce Pressure Loss & Guard Against Oil Leaks

Try Risk-Free*

- Try It free for 3 months
- Rent first, decide later
- Flexible finance available

**Ts & Cs apply.*

Buy Online

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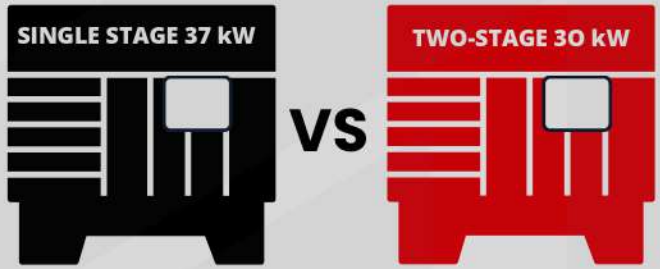
Comparison Report

37 kW SINGLE STAGE COMPRESSOR 30 kW TWO-STAGE COMPRESSOR



INVEST $5,500 MORE, SAVE $65,000 IN ENERGY COSTS OVER 10 YEARS

37 kW Single-Stage Compressor vs. 30 kW Two-Stage Compressor

Category	37 kW Single Stage	30 kW Two-Stage	Results
Purchase Price	$19,500	$25,000	**$5,500 higher upfront**
Airflow	5,600 L/min	5,600 L/min	**Same output**
Kilowatts	~37 kW	~30 kW	**≈ 20 % less energy**
Efficiency (L/min per kW)	151	189	**Higher efficiency**
Weekly Electricity Cost*	≈ $650	≈ $520	**≈ $130/week saved**
Annual Electricity Cost*	≈ $33,800	≈ $27,300	**≈ $6,500/year saved**
10-Year Electricity Cost*	≈ $338,000	≈ $273,000	**≈ $65,000 saved over 10 years**
Cost Recovery (Two-Stage +$5,500)	–	–	**≈ 8–10 months**

*Assumes 10 h/day, 7 days/week (≈ 3,650 h/year) at $0.25 AUD/kWh.
Costs scale roughly ±20 % if your electricity rate is $0.20–$0.30 AUD/kWh.

TWO-STAGE SCREW AIR COMPRESSOR
22 kW-45 kW

Model	Power		Flow		Working Pressure		Dimensions (L—W—H mm)	Weight (kg)	Circuit Breaker	Air Outlet Diameter
	kW	hp	CFM	L/min	bar	psi				
SLTT-22V	22	30	71 - 160	2,000 - 4,500	8	116	1610*1050*1380	732	50 amps	1.5" BSP
			60 - 135	1,700 - 3,800	10	145				
SLTT-30V	30	40	99 - 221	2,800 - 6,200	8	116	2200*1500*1450	1250	63 amps	1.5" BSP
			88 - 200	2,500 - 5,600	10	145				
SLTT-37V	37	50	122 - 272	3,500 - 7,700	8	116	2200*1500*1450	1284	80 amps	1.5" BSP
			123 - 250	3,500 - 7,000	10	145				
SLTT-45V	45	60	70 - 160	4,250 - 9,300	8	116	2200*1600*1450	1310	100 amps	2.0" BSP
			88 - 200	3,800 - 8,300	10	145				

**Compressors RRP on website*

TWO-STAGE SCREW AIR COMPRESSOR 22 kW

SLTT-22

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- POWER - 22 kW 30 hp
- WEIGHT - 732 kg
- WORKING PRESSURE 8-10 bar (116 - 145 psi)

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TWO-STAGE SCREW AIR COMPRESSOR 30 kW

SLTT-30

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- POWER - 30 kW 40 hp
- WEIGHT - 1250 kg
- WORKING PRESSURE 8-10 bar (116 - 145 psi)

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TWO-STAGE SCREW AIR COMPRESSOR 37 kW

SLTT-37

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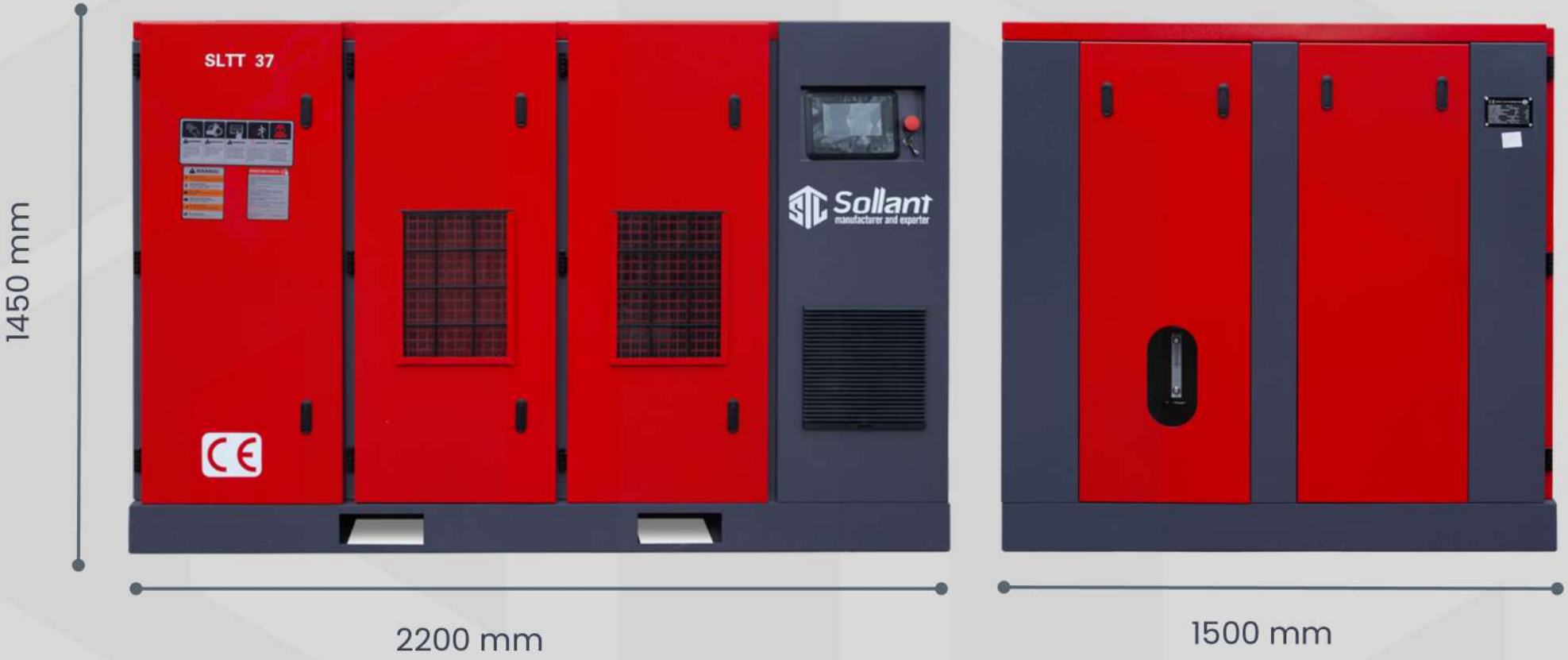
- POWER - 37 kW 50 hp
- WEIGHT - 1284 kg
- WORKING PRESSURE 8-10 bar (116 - 145 psi)



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TWO-STAGE SCREW AIR COMPRESSOR 45 kW

SLTT-45

Sollant Compressors Australia

- POWER - 45 kW 60 hp
- WEIGHT - 1310 kg
- WORKING PRESSURE 8-10 bar (116 - 145 psi)

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TWO-STAGE SCREW AIR COMPRESSORS 22 kW - 45 kW

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SLTT-22

- 22 kW 30 hp
- 8-10 bar
- 1610 X 1050 X 1380
- 732 kg

SLTT-30

- 30 kW 40 hp
- 8-10 bar
- 2200X 1500 X 1450
- 1250 kg

SLTT-37

- 37 kW 50 hp
- 8-10 bar
- 2200 X 1500 X 1450
- 1284 kg

SLTT-45

- 45 kW 60 hp
- 8-10 bar
- 2200 X 1600 X 1450
- 1310 kg

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