

# 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

☎ 03 8768 8072

✉ sales@sollantcompressors.com.au

📍 32 Gaine Road, Dandenong South,  
VIC 3175

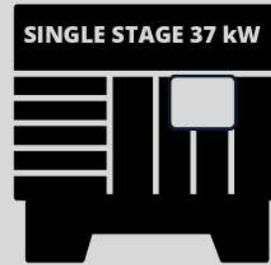
### Try Risk-Free\*

- ✓ Try It free for 1 month
- 💰 Rent first, decide later
- 🕒 Flexible finance available

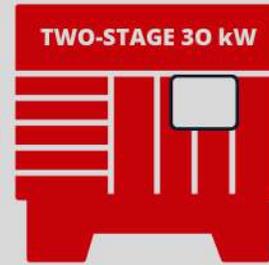
\*Ts & Cs apply.

### Buy Online

🖱️ [sollantcompressors.com.au](http://sollantcompressors.com.au)



VS



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

\*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.

### Try Risk-Free\*

- ✓ Try It free for 1 month
- 💰 Rent first, decide later
- 🕒 Flexible finance available

\*Ts & Cs apply.

### Buy Online

# TWO-STAGE SCREW AIR COMPRESSOR

## 22 kW-45 kW

| Model    | Power |    | Flow      |               | Working Pressure |     | Dimensions<br>(L-W-H mm) | Weight<br>(kg) | Circuit<br>Breaker | Air Outlet<br>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<br>amps        | 2.0" BSP               |
|          |       |    | 88 - 200  | 3,800 - 8,300 | 10               | 145 |                          |                |                    |                        |

## TWO-STAGE SCREW AIR COMPRESSOR 22 kW

# SLTT-22



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



## TWO-STAGE SCREW AIR COMPRESSOR 30 kW

# SLTT-30



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



## TWO-STAGE SCREW AIR COMPRESSOR 37 kW

# SLTT-37



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

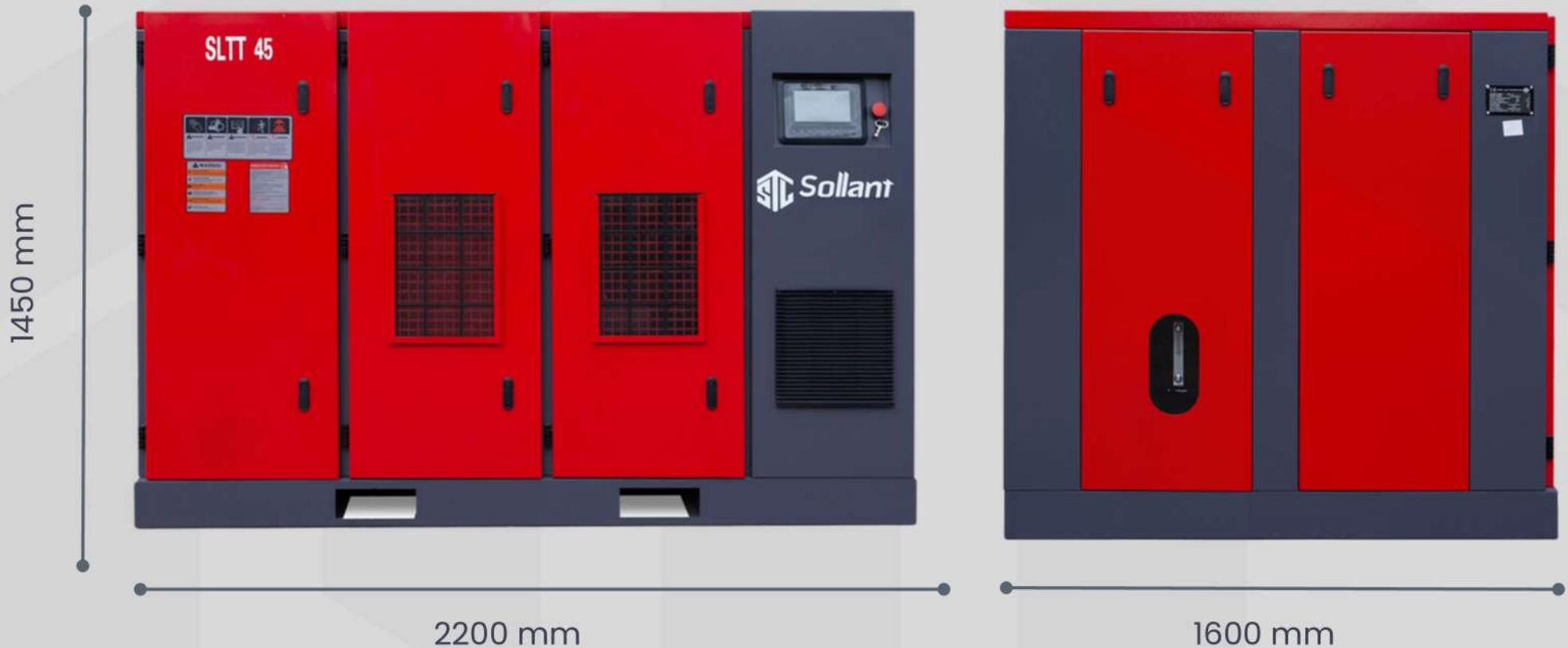


## TWO-STAGE SCREW AIR COMPRESSOR 45 kW

# SLTT-45



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



# TWO-STAGE SCREW AIR COMPRESSORS 22 kW - 45 kW



## 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

Additional  
Compressors  
Available

# SINGLE STAGE BASE MOUNTED COMPRESSORS

## 7.5 kW-45 kW

### SLT-7.5



- 7.5 kW 10 hp
- 8-10 bar
- 950 X 690 X 930
- 215 kg

### SLT-11



- 11 kW 15 hp
- 8-10 bar
- 1090 X 740 X 1085
- 320 kg

### SLT-15



- 15 kW 20 hp
- 8-10 bar
- 1090 X 740 X 1085
- 320 kg

### SLT-18.5



- 18.5 kW 25 hp
- 8-10 bar
- 1350 X 900 X 1180
- 470 kg

### SLT-22



- 22 kW 30 hp
- 8-10 bar
- 1350 X 900 X 1180
- 470 kg

### SLT-30



- 30 kW 40 hp
- 8-10 bar
- 1500 X 1050 X 1280
- 645 kg

### SLT-37



- 37 kW 50 hp
- 8-10 bar
- 1540 X 1040 X 1280
- 645 kg

### SLT-45



- 45 kW 60 hp
- 8-10 bar
- 1540 X 1040 X 1280
- 715 kg

Additional  
Compressors  
Available

## PACKAGED 4-IN-1 AIR COMPRESSORS 7.5 kW-22 kW

### SLTI-7.5

- 7.5 kW 10 hp
- 8-10 bar
- 1600 X 750 X 1550
- 370 kg



### SLTI-11

- 11 kW 15 hp
- 8-10 bar
- 1770 X 750 X 1610
- 550 kg



### SLTI-15

- 15 kW 20 hp
- 8, 10, 16 bar
- 1800 X 800 X 1650
- 550 kg



### SLTI-22

- 22 kW 30 hp
- 8, 10, 16, 20 bar
- 2200 X 1100 X 1850
- 900 kg

