



WS SERIES

Range: 18-75 kW
Pressure range: 7.6 - 12.6 bar (110 - 182.7 psig)

Stationary Oil Flooded Screw Air Compressor



FEATURES AND BENEFITS:

- **Air End**

Patented design reduces leakage, extends bearing life (up to 100,000 hours), and includes a 5-year warranty with Sullube.

- **Cooling System**

Efficient cooling (up to 46°C ambient), lowers costs, and reduces noise with a centrifugal fan.

- **Drain Valve**

Energy-saving, automatic Zero-loss Drain with aluminum shell.

- **Fluid Filter**

High-quality material ensures durability.

- **Air Separation System**

Large tank with two-stage separation (1 ppm oil carryover) reduces power use and pressure drop.

- **Filtration System**

99.9% efficient, triple the capacity of standard filters.

- **Inlet Valve**

Adapts output (0-100%), reduces load/unload cycles, and extends machine life.

- **Flexible Coupling**

Reliable, efficient, and easy to maintain.

- **Motor**

IP55 IE3 motor with long-life bearings.

MODELS AND TECHNICAL PARAMETERS

Standaed Compressors									
Model	Motor		Max. working pressure				Weight kg	Unit size L*W*H mm	Discharge Connection
	HP	kW	7.6 bar	8.6 bar	10.6 bar	12.6 bar			
			Capacity m³/min						
WS1800	25	18.5	3.2	2.9	2.5	2.2	610	1,350×800×1,350	Rc1-1/2
WS2200	30	22	3.75	3.55	3.1	2.7	680		Rc1-1/2
WS3000	40	30	5.1	4.75	4.1	3.25	820	1,574×875×1,562	Rc1-1/2
WS3700	50	37	6.8	6.3	5.8	5.1	1,020		Rc1-1/2
WS4500	60	45	8.5	7.8	6.9	5.65	1,685	2,300×1,180×1,750	G2
WS5500	75	55	10.5	9.5	8.6	7.6	1,715		G2
WS7500	100	75	13.5	12.5	11.1	—	1,910		G2

- Unit performance parameters and acceptance criteria shall be subject to Appendix C, ISO1217.
- Reference conditions absolute intake pressure 1 bar, air intake temperature 20 Deg C, relative humidity 0%.
- WS18-37 series are air-cooled model and WS45-75 Series include air-cooled model and water cooled model.