

# Unsurpassed High Capacity Performance

Samsung's Air Compressor Series...The SM2250



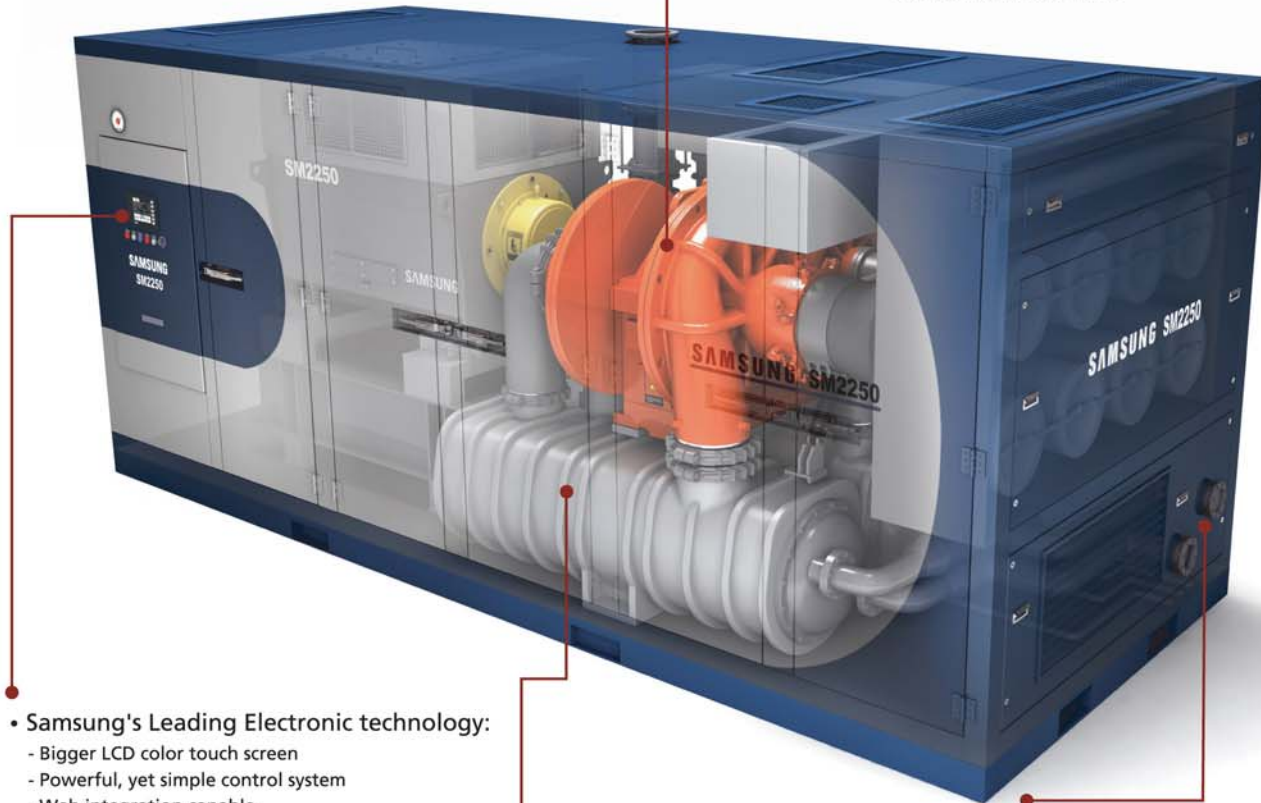
## Excellent Performance Turbo Air Compressor from Latest Aircraft Engine Technologies !

### SM2250 features

- Highest efficiency for energy saving
- High reliability & durability
- Easy installation, no foundation works
- Simplified connections to all systems
- Easy and Low maintenance
- User-friendly control system

- Improved surge anticipation process control logic
- Control Power Quality Protection (option:dip/sag/interrupt)
- Structural Vibration Isolation
- Non-combustible acoustic service enclosure (Option)
- Anti-reverse rotation clutch (Option)

- Precision Cast Impellers for optimum efficiency
- 100% oil-free air with Carbon seals
- Improved efficiency thrust bearing
- AGMA Q13 precision gears
- Wider turndown ratio from Backward leaning impellers and integrated contoured-flow IGVs



- Samsung's Leading Electronic technology:
  - Bigger LCD color touch screen
  - Powerful, yet simple control system
  - Web integration capable

- Easily maintainable inter & aftercoolers
- Easily accessible gearbox

- Efficiently packaged and compact design:
  - Low noise and safe operation by service enclosure
  - Minimal Floor space
  - Flat, level installation surface needed only, no additional foundation work
- Simplified connections to all systems

## ■ Specifications

Motor	kW	1,200 - 2,400	HP	1,600 - 3,200
Capacity	m <sup>3</sup> / hr	11,000 - 22,000	CFM	6,500 - 12,900
Discharge Pressure	Bar G	4.5 - 17	PSIG	65 - 246
Length x Width x Height	m	5.8 x 2.3 x 2.55	ft	19 x 7.5 x 8.4
Weight	tons	12	lbs	26,400

\* Weight : Enclosure, Electric Motor Excluded



ISO14001 Cert. No.: EM554112 ISO9001 Cert. No.: FM 24369

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