

# STACKED SYSTEM™ AIR COMPRESSORS



## ERC SERIES

### SAVE SPACE & ENERGY

MATTEI® continues to deliver superior energy saving performance and value with *Stacked System™* compressor packages. Fits two compressors into the space of one, can cut the energy bill in half, provide back-up air, respond instantly to intermittent surges in demand.

*Stacked System™* is ideal for waterborne paint systems that need high-flow drying air for only part of the work day. Industry leading reliability, durability, compact size, quiet reliable operation, and long-life low maintenance design make Mattei the choice for the best body shops that want simplicity and outstanding life and performance.

Want to get your last Air Compressor first?  
Get a Mattei.

### UNCONVENTIONALLY RELIABLE, DURABLE AND ENERGY EFFICIENT

Mattei's advancements in technology and materials offers our customers the best value in premium quality air compressors found anywhere on the planet. Our unconventional "bearingless" air-ends last up to 100,000 hours and are warranted for a full 10 years as they last up to 2-3 times longer than conventional rotary screw type machines. Super quiet operation, less lubricant, and energy-efficient designs save you more.



## WHY MATTEI IS YOUR BEST CHOICE

Mattei compressors are designed to give constant top performance 24 hours a day, every day of the year. It is not unusual for these compressors to have an operating life of over 100,000 hours.

Mattei *Stacked System™* compressors deliver:

- Automatic operation
- Use half the floor space
- Slash energy costs
- No wear of the compressor's moving mechanical parts
- 10 Year Warranty
- Compact design
- Direct coupled compressor & motor
- Slow 1,800 RPM rotational speed
- Low maintenance costs
- Quiet operation



# SPECIFICATIONS & PERFORMANCE

## Mattei "Stacked System™" Air Compressors

### ERC SERIES

Model	Power		Capacity		Sound Level dB(A)	Air Outlet npt	Dimensions (inch)			Weight lbs (net)
	HP (each/total)	kW (each/total)	PSIG	CFM (each/total)			L	W	H	
SM 5S-5S	5/10	4/8	125	23/46	72	(2) 1/2"	41	28	58	1,000
SM 7.5S-7.5S	7.5/15	5.5/11	125	33/66	74	(2) 1/2"	41	28	58	1,050
SM 5-5	5/10	4/8	125	23/46	72	(2) 1/2"	41	28	58	900
SM 7.5-7.5	7.5/15	5.5/11	125	33/66	74	(2) 1/2"	41	28	58	950
SM 10-10	10/20	7.5/15	125	43/86	77	(2) 3/4"	52	32	68	1,020
SM 15-15	15/30	11/22	125	67/134	78	(2) 3/4"	52	32	68	1,250
SM 20-20	20/40	15/30	125	75/150	78	(2) 3/4"	52	32	68	1,350

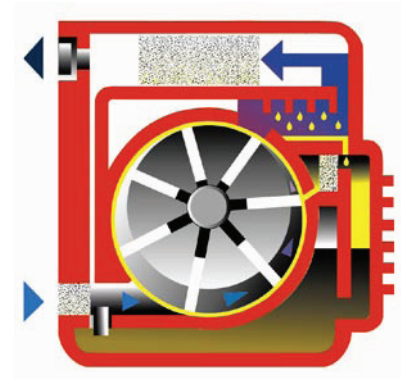
Working pressures: 119 psig for 125 psig version

575 volt 3-phase available only with TEFC motors

- Single-Phase models designated by "S" suffix on model number
- Single-Phase "Stacked System" models standard with TEFC motors
- Three-Phase "Stacked System" models standard with ODP motors. TEFC motors are available as an option.
- 575 volt 3-Phase "Stacked System" models are standard with TEFC motors
- Automatic lead/lag and alternation control is standard
- Automatic alternation can occur each time lead machine times out, or at 24 hour intervals

### HOW IT WORKS

Ambient air is drawn through a filter into the compression chamber consisting of a stator in which an eccentrically arranged rotor revolves at 1,800 rpm. An air intake valve automatically adjusts the incoming air volume. The rotor has longitudinal slots in which the vanes slide. Zero-wear vanes ride on a thin film of oil and are held against the stator by centrifugal force. The air is compressed through the contraction in volume of each chamber formed by the vanes, the rotor and the stator wall. Sealing, cooling and lubrication are ensured by the oil injected into the chamber.



[www.matteicomp.com](http://www.matteicomp.com)



COMPANY  
WITH QUALITY MANAGEMENT  
SYSTEM CERTIFIED BY DNV  
= ISO 9001 : 2001 =

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