

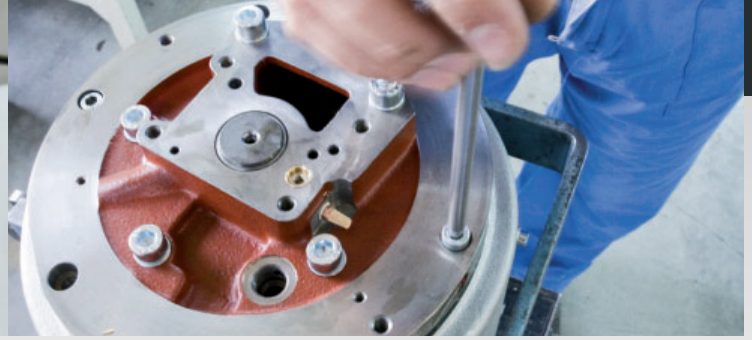
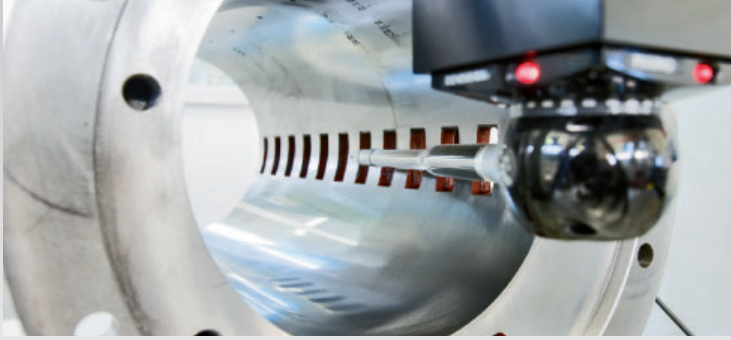


BLADE

BRINGING YOU THE FUTURE TODAY



BLADE 4 | 5 | 7 | 11



Mattei: over 90 years of research and reliability

Ing. Enea Mattei SpA is an Italian company that has been manufacturing air compressors since 1919. Since then the company has continually evolved and is now one of the world's foremost companies in the compressed air sector and the leader in the production of rotary vane compressors. Behind the success of Mattei are the choices the company has made in terms of design, production and marketing, driven by the results of its continual and in-depth research and development programmes. Mattei's vision and interpretation of industry's changing needs, has consistently created innovative and technologically advanced products.



Rotary Vane Technology. Choose the Best - Choose Mattei

Maximum efficiency of the air compression process, excellent reliability and low maintenance costs are just some of the key benefits that Mattei rotary vane technology offers. The vane compressor is a positive displacement rotary compressor consisting of a stator cylinder in which a rotor is eccentrically mounted. The rotor has slots in which the specially profiled blades are free to slide, riding on a thin film of oil which provides lubrication and a perfect seal between the blades and the stator wall during rotation.

BLADE

- ▶ ROTARY VANE TECHNOLOGY
- ▶ MAXIMUM RELIABILITY
- ▶ EFFICIENT
- ▶ LOW MAINTENANCE COSTS
- ▶ QUIET
- ▶ COMPACT
- ▶ OPERATING PRESSURES FROM 115 TO 175 psi



BLADE: the ideal solution for your business

The BLADE compressor range, with operating pressures from 115 to 175 psi, is the ideal solution for the needs of small and medium sized companies as well as artisan businesses.

The rotary vane technology ensures high quality compressed air, an extremely compact airennd and low noise levels. All combined with undisputed product reliability for any application.



**COMPACT
DESIGN FOR
MAXIMUM
PERFORMANCE**





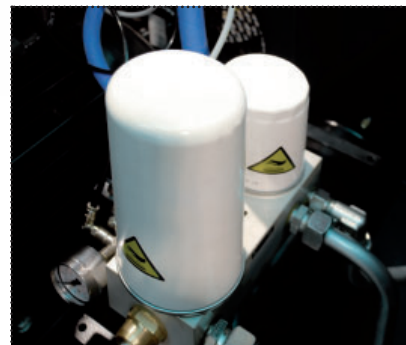
Peace of mind maintenance

Mattei's design of the BLADE compressor makes preventive maintenance operations simple and quick. Motor to compressor transmission is achieved through dual high efficiency "V" belts, the tension of which is ensured by a sliding belt tensioner. This feature reduces belt wear to a minimum, extending its operating life and simplifying maintenance. Compressor maintenance is further assisted by specific service kits specifically designed to speed up the process.

Mattei Original Spare Parts

Mattei Original Spare Parts and Mattei Rotoroil lubricants are made to very high design standards and conform to exact technical specifications. Only Mattei original spare parts allow you to be sure of maintaining, over time, the same levels of performance, reliability and safety of your Mattei product.

- ▶ Mattei Original Spare Parts are crucial to ensure the efficiency of your compressed air equipment
- ▶ Parts are always available in stock
- ▶ They are quality tested and conform to manufacturer's specifications
- ▶ Parts are designed for Mattei's recommended maintenance intervals



ENERGY SAVING

When there is no air demand for short periods of time, the on/off load valve allows the compressor to significantly reduce its internal pressure thereby reducing energy consumption to a minimum, without having to stop the compressor. The number of stops and subsequent starts is therefore reduced, which helps increase the life span of the compressor and its electric motor.

RELIABILITY AND LONGEVITY

Mattei airends rotate slower than other types of compressors and their blades slide frictionless on a thin film of oil which ensures complete reliability. Mattei machines also have fewer moving parts than other compressors and as the rotor runs on bushes, it has a virtually unlimited lifespan.

HIGH EFFICIENCY OIL SEPARATION

Mattei's very efficient and integrated multi stage oil/air separation system means exceptionally low lubricant consumption and a residual oil carryover of just 3 ppm. The large filter element and the quality of the materials used guarantee a long working lifespan.

BLADE SE Quality Air Station

Includes moisture separator with intelligent electronic drain, 1.0 micron prefilter with auto drain, refrigerated air dryer sized for summer heat.



BLADE DUPLEX

Two BLADE compressors networked together for automatic daily lead/lag alternation. Includes moisture separators with intelligent electronic drains, all mounted, piped and wired onto a 120 gallon horizontal ASME air tank.



BLADE

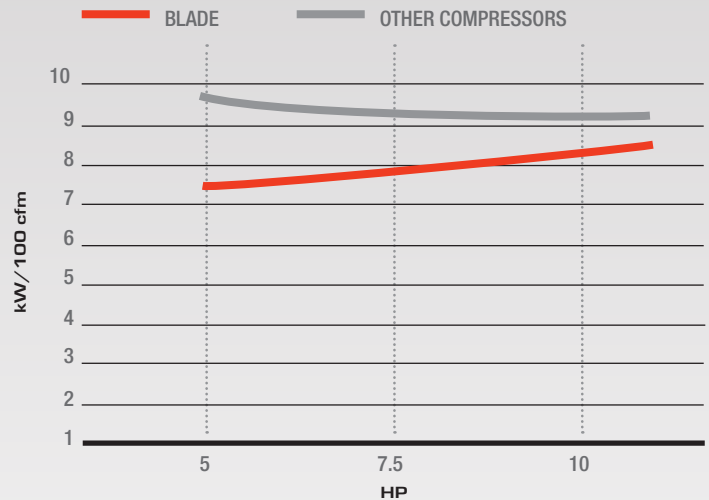
The design and operation of BLADE compressors ensures the correct operating temperature is quickly and effectively reached. This is important in order to extend the operating life by preventing condensation from forming in the system.

With BLADE, maintenance costs will be significantly less than those of our competitors' traditional compressors. This is due to the reduced maintenance requirements and the competitive price of original spare parts.

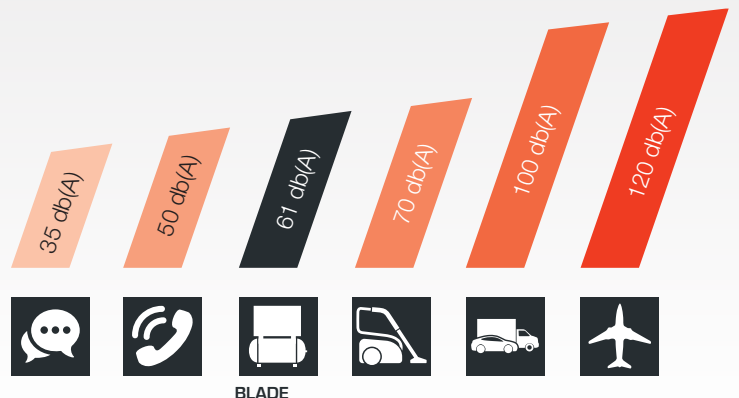


Unrivalled efficiency

Rotary vane technology allows MATTEI BLADE compressors to be 20% more efficient compared to our competitors' compressors.



Maximum efficiency, minimum noise



BLADE



BLADE SERIES

Model	Air Flow			Sound pressure level dB(A)	Power hp	Energy voltage	Air receiver gal.	Dimensions			Weight lbs
	115 psig LX cfm	150 psig HX cfm	175 psig HHX cfm					Length inch	Width inch	Height inch	
BLADE 4s	20.4	17.5	14.8	61	5	230/ 1ph/60h	-	37	28.4	31.1	454
BLADE 5s	31.8	29.0	25.0	62	7.5		-	37	28.4	31.1	493
BLADE 4	20.4	17.5	14.8	61	5	208,230/ 460,575/ 3ph/60hz	-	37	28.4	31.1	451
BLADE 5	31.8	29.0	25.0	62	7.5		-	37	28.4	31.1	462
BLADE 7	39.0	36.0	33.0	64	10		-	37	28.4	31.1	473
BLADE 11	65.0	58.7	54.4	67	15		-	37	28.4	31.1	630
BLADE 4s-TM	20.4	17.5	14.8	61	5	230/ 1ph/60hz	80	63	32.4	52.2	754
BLADE 5s-TM	31.8	29.0	25.0	62	7.5		80	63	32.4	52.2	793
BLADE 4-TM	20.4	17.5	14.8	61	5	208,230/ 460,575/ 3ph/60hz	80	63	32.4	52.2	751
BLADE 5-TM	31.8	29.0	25.0	62	7.5		80	63	32.4	52.2	762
BLADE 7-TM	39.0	36.0	33.0	64	10		80	63	32.4	52.2	773
BLADE 11-TM	65.0	58.7	54.4	67	15		80	63	32.4	52.2	1030
BLADE 4s-SE	20.4	17.5	14.8	61	5	230/ 1ph/60hz	80	63	32.4	52.2	754
BLADE 5s-SE	31.8	29.0	25.0	62	7.5		80	63	32.4	52.2	793
BLADE 4-SE	20.4	17.5	14.8	61	5	208,230/ 460,575/ 3ph/60hz	80	63	32.4	52.2	751
BLADE 5-SE	31.8	29.0	25.0	62	7.5		80	63	32.4	52.2	762
BLADE 7-SE	39.0	36.0	33.0	64	10		80	63	32.4	52.2	773
BLADE 11-SE	65.0	58.7	54.4	67	15		80	63	32.4	52.2	1030
BLADE 4s-DUPLEX	20.4 (x2)	17.52 (x2)	14.8 (x2)	61	5 (x2)	230/ 1ph/60hz	120	70	45	60	1388
BLADE 5s-DUPLEX	31.8 (x2)	29 (x2)	25 (x2)	62	7.5 (x2)		120	70	45	60	1466
BLADE 4-DUPLEX	20.4 (x2)	17.52 (x2)	14.8 (x2)	61	5 (x2)	208,230/ 460,575/ 3ph/60hz	120	70	45	60	1382
BLADE 5-DUPLEX	31.8 (x2)	29 (x2)	25 (x2)	62	7.5 (x2)		120	70	45	60	1404
BLADE 7-DUPLEX	39.0 (x2)	36.0 (x2)	33.0 (x2)	64	10 (x2)		120	70	45	60	1426
BLADE 11-DUPLEX	65 (x2)	58.7 (x2)	54.4 (x2)	67	15 (x2)		120	70	45	60	1740



ITALY - ING. ENEA MATTEI SpA
Strada Padana Superiore, 307
20090 VIMODRONE (MI)
Tel + 39 02253051 - Fax +39 0225305243
E-mail: info@mattei.it

USA - MATTEI TRANSIT ENGINEERING
9635 Liberty Road, suite E
Randallstown, MD 21133
Phone +1 410 5217020 - Fax +1 410 5217024
www.matteitransit.com

M.T.A. SpA
Mattei Service Partner
C.so Italia, 47
24049 Verdello-Zingonia (BG)
Tel +39 035 4186400 - Fax +39 035 4186490
E-mail: info@mta.bg.it

www.matteigroup.com

UNI EN ISO 9001:2008

Distributed by:-

Aggressive Air Compressor co.
24580 5 Mile Rd.
Redford MI 48239
Tel. 313-541-2825
www.aggressive-air.com

FRANCE
MATTEI COMPRESSEURS Sarl
Phone +33 535 542 205 - Fax +33 972 316 833
E-MAIL: infos@mattei.fr - www.mattei.fr

GERMANY
MATTEI KOMPRESSOREN DEUTSCHLAND GmbH
Phone +49 7151 5002560 - Fax +49 7151 5002565
E-MAIL: info@mattei-kompressoren.de - www.mattei-kompressoren.de

GREAT BRITAIN
MATTEI COMPRESSORS Ltd
Phone +44 (0)1789 450577 - Fax +44 (0)1789 450698
E-MAIL: info@mattei.co.uk - www.mattei.co.uk

U.S.A.
MATTEI COMPRESSORS Inc
Phone +1 410 5217020 - Fax +1 410 5217024
E-MAIL: info@matteicomp.com - www.matteicomp.com

RUSSIAN FEDERATION
ING. ENEA MATTEI SpA
Phone +7-495-739 41 90 - Fax +7-495-739 41 90
E-MAIL: mattei@inbox.ru

SINGAPORE
ING. ENEA MATTEI SpA
Phone +65 6741 8187 - Fax +65 6741 6826
E-MAIL: mattei@singnet.com.sg

SPAIN
ING. ENEA MATTEI SpA
Phone +34 93 435 03 94 - Fax +34 93 455 26 76
E-MAIL: info@mattei.it

PEOPLE'S REPUBLIC OF CHINA
Zhangjiagang
OMIC AIR COMPRESSORS MANUFACTURING Co. Ltd
WFOE by Ing. Enea Mattei SpA - Italy
Tel: +86 512 56951120 Fax: +86 512 56951121
E-MAIL: info@matteiomc.cn - www.matteiomc.cn