

# *Salvarani*

## **COMPRESSORI COMPRESSORS**



## Il nostro obiettivo: la piena soddisfazione




SALVARANI giovane e dinamica azienda, sorge nel cuore dell'Emilia, regione italiana che vanta una lunga storia ed esperienza nel campo della componentistica agricola ed industriale.

SALVARANI offre alla propria clientela una gamma completa di componentistica e prodotti, offrendo anche la propria esperienza per lo sviluppo e realizzazione di progetti personalizzati.


Innovazione, tutela dell'ambiente, precisione di lavoro, affidabilità del prodotto ed assistenza sono la linea guida per una continua ricerca volta al miglioramento e alla creazione di nuovi prodotti. Ciò si traduce in articoli d'alto standard tecnologico in grado di garantire competitività e vantaggi economici alle aziende costruttrici, alle reti di vendita ed utilizzatori.



 It's no coincidence that SALVARANI, a young and dynamic company is located in the heart of Emilia, the Italian region with a long history and experience in the agricultural and industrial parts field.


SALVARANI offers its customers a complete range of products as well as specific experience in developing and realize customized projects.

Innovation, environmental awareness, machining precision, product reliability and assistance are the main guidelines for a continuous research turn to improvement and to creation of new products. Thanks to such effort, SALVARANI products are with enhanced technological and mechanical standards that guarantee operating and economic advantages for manufacturers, retail sales networks and end-users.

 SALVARANI est une jeune et dynamique société situé dans le coeur d'Emilia, la région italienne avec une longue histoire et l'expérience dans le domaine des équipements agricoles et industrielles.

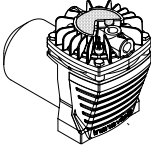
SALVARANI offre à ses clients une gamme des produits complète aussi bien qu'une expérience spécifique pour développer et réaliser des projets adaptés aux besoins du client.

L'innovation, la conscience environnementale, la précision du travail, la fiabilité du produit et l'assistance sont les directives principales d'une recherche continue tendant à l'amélioration et à la création de nouveaux produits. Grâce à de tels efforts, les produits de SALVARANI sont au standard technologique et mécanique élevé, qui garantissent des avantages opérationnels et économiques aux fabricants, aux revendeurs et aux utilisateurs.

 SALVARANI ist eine junge und dynamische Firma. Sie hat ihren Sitz im Herzen der Region Emilia. Diese Region Italiens darf auf eine lange Geschichte, sowie Erfahrung im industriellen und landwirtschaftlichen Bauteil-Sektor zurückblicken.

SALVARANI bietet seiner Kundschaft eine komplette Produktpalette von Bauteilen und Produkten an, wie auch Erfahrung bei der Entwicklung und Realisierung von persönlichen Projekten.

Neuentwicklungen, Umweltschutz, Präzisionsarbeit, Produktzuverlässigkeit und Kundenservice sind der Leitfaden einer kontinuierlichen Forschung zur Verbesserung und Schaffung neuer Produkte. Dies wird dann in Artikel von hohem technologischen Standard umgesetzt, die dann Konkurrenzfähigkeit und wirtschaftliche Vorteile für die Herstellerfirmen, Verkaufnetze und Verbraucher garantieren können.



# Diaphragm & Piston Compressors



## Legenda

### Legend



Compressore a membrana  
Diaphragm compressor



Compressore a pistone  
Piston compressor



Funzionamento a secco  
No oil required

## Tabella di conversione Portata

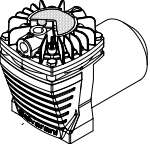
### Flow conversion table

Unit	US customary	Metric
1 USG/min	-	3,785 L/min
1 0,1 CF/min	-	2,831 L/min
1 L/min	0,264 USG/min	-
1 L/min	0,0353 CF/min	-

## Gradi di protezione IP

### IP Protection ratings

Grado Grade	Solidi Solids	Grado Grade	Acqua Water
1	> 50 mm	1	Water
2	> 12 mm	2	± 15°
3	> 2,5 mm	3	± 60°
4	> 1 mm	4	Spray
5	Dust	5	High pressure water
6	Lock	6	High pressure water Press



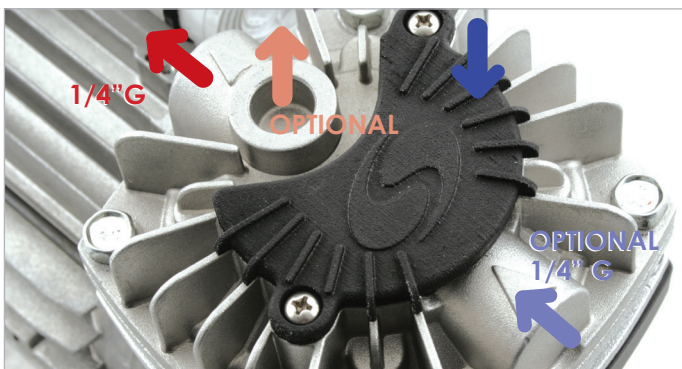
## ■ ■ Specifiche tecniche

Compressore con funzionamento a secco, disponibile nelle versioni a membrana e a pistone.

I numerosi test condotti hanno confermato che nei compressori OIL LESS la qualità dell'aria in uscita è identica a quella in entrata, in nessun caso il compressore aggiunge contaminanti al gas che viene pompato.

Il fatto di non aver alcun componente in bagno d'olio rende inoltre la manutenzione molto più semplice: lo smontaggio e il riassetto risultano infatti elementari.

Per garantire una maggiore flessibilità d'utilizzo, la testa del compressore è orientabile di 90° in 90°.



## ■ ■ Technical features

Dry compressor available as a diaphragm or piston type.

Numerous tests have demonstrated that with OIL LESS compressors, the quality of the air emitted is identical to that of the inlet air; the compressor never adds any contaminants to the pumped gas.

Maintenance is made much simpler as there are no parts with oil bath lubrication; removal and replacement are extremely easy.

To guarantee greater operating flexibility, the angle of the compressor head can be adjusted in 90° steps.



Disponibile da gennaio 2014  
Available from January 2014

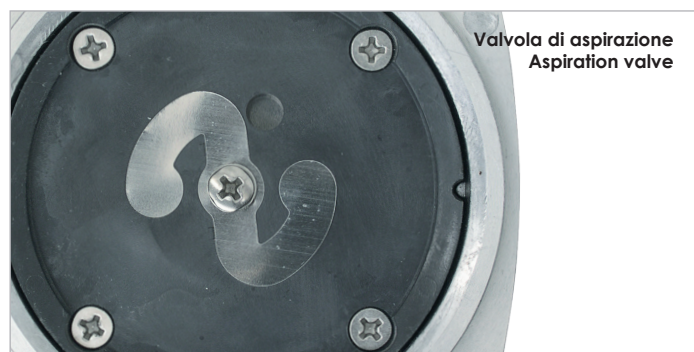
## ■ ■ Compressore a membrana

### ■ ■ Diaphragm compressor



## ■ ■ Compressore a pistone

### ■ ■ Piston compressor



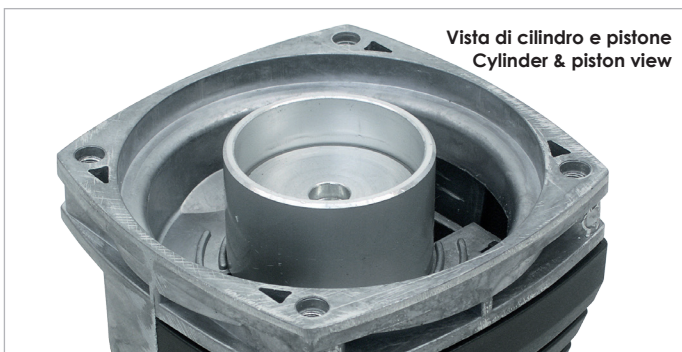
Valvola di aspirazione  
Aspiration valve



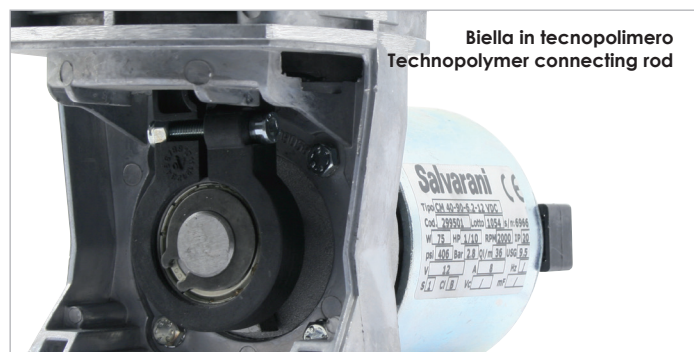
Valvola di aspirazione  
Aspiration valve



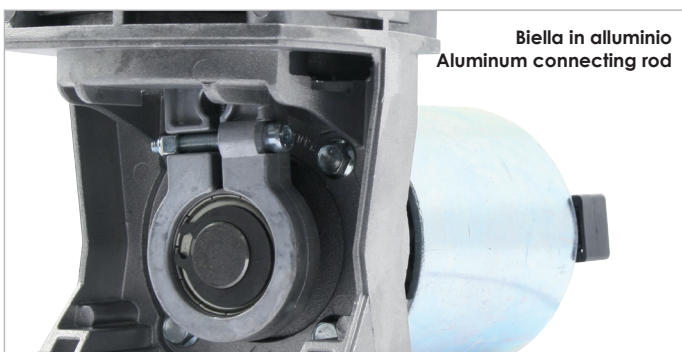
Vista della membrana  
Diaphragm view



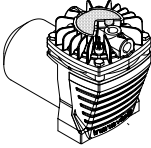
Vista di cilindro e pistone  
Cylinder & piston view



Biella in tecnopolimero  
Technopolymer connecting rod

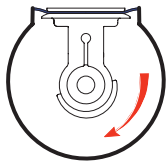
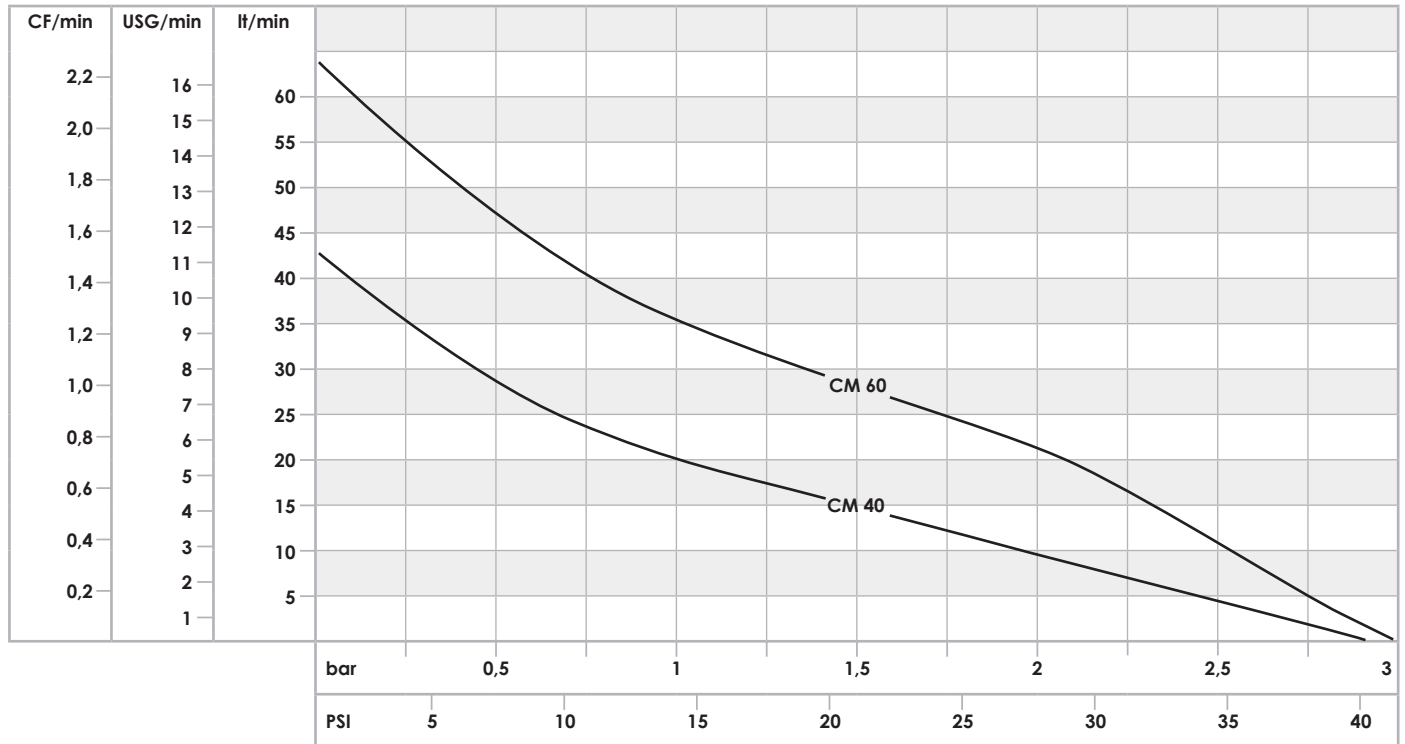


Biella in alluminio  
Aluminum connecting rod



**CM 40/60 - Compressori a Membrana**

**CM 40/60 - Diaphragm Compressors**



	CM40	CM60
Max Flow (l/min)	40	60
Max Pressure ( bar (PSI) )	2,8 (40,6)	2,8 (40,6)

**Specifiche compressori a membrana**

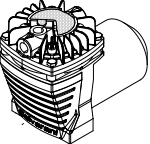
- Testa: Alluminio
- Corpo: Alluminio
- Flangia valvole: Tecnopolimero
- Valvole: Acciaio Inox
- Biella: Tecnopolimero
- Eccentrico: Acciaio

Tutti i movimenti del gruppo pompante sono su cuscinetti a sfera autolubrificanti.

**Specifications of diaphragm compressors**

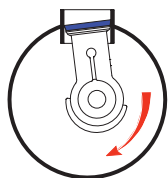
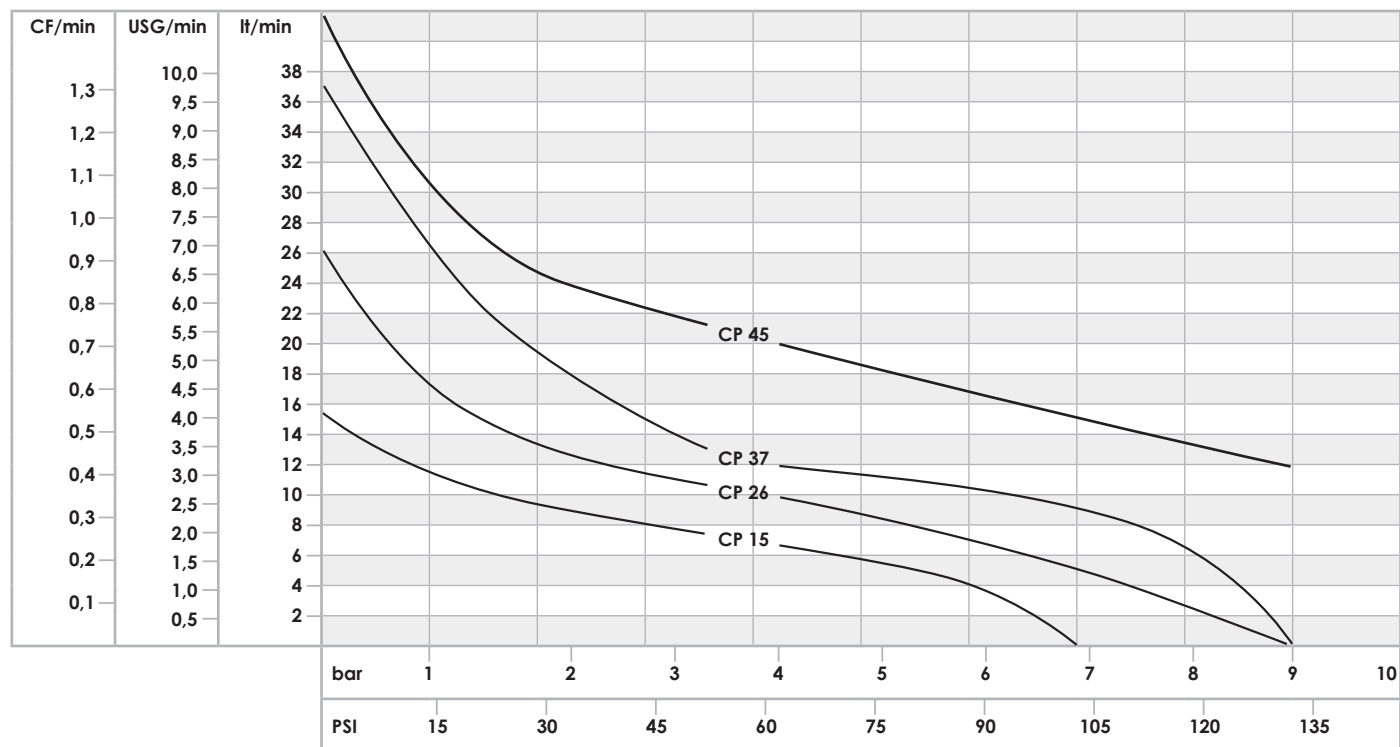
- Head: Aluminum
- Body: Aluminum
- Flange of the valves: Technopolymer
- Valves : Stainless Steel
- Connecting rod: Technopolymer
- Cam: Steel

All movements of the pumping unit are on self-lubricating ball bearings.



**CP15/26/37/45 - Compressori a Pistone**

**CP15/26/37/45 - Piston Compressors**



	CP15	CP26	CP37	CP45
Max Flow (l/min)	15	26	37	45
Max Pressure ( bar (PSI) )	7 (101)	9 (130)	9 (130)	9 (130)

**Specifiche compressori a pistone**

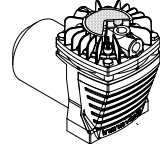
- Testa: Alluminio
- Corpo: Alluminio
- Flangia valvole: Alluminio
- Biella: Alluminio
- Eccentrico: Acciaio

Tutti i movimenti rotazionali del gruppo pompante sono su cuscinetti a sfera autolubrificanti.

**Specifications of piston compressors**

- Head: Aluminum
- Body: Aluminum
- Flange of the valves : Aluminum
- Connecting rod: Aluminum
- Cam: Steel

All rotational movements of the pumping unit are on self-lubricating ball bearings.

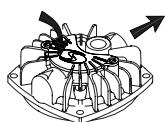


## ■ Guida alla scelta del compressore

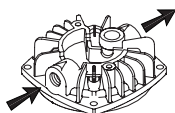
## 🇬🇧 Compressor's selection guide

Service (CEI EN 60034-1)  
Duty cycle (@ 7 bar - 22 °C)

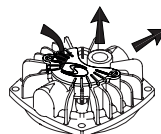
Protection (DIN EN 60529)



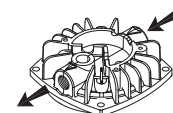
Cod. 2995xx



Cod. 2995xx.01




Cod. 2995xx.02




Cod. 2995xx.04

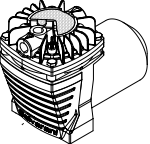
### Modelli a Membrana / Diaphragm models

	Available versions	Motor Type	V (V)	I (A)	Speed (rpm)	Power (W)	Service (Duty cycle)	IP protection	Weight (kg)
<b>CM 40</b>	299501	Ventilated - Perm. Magnet	12 DC	8	2000	65	S1	20	2,4
	299501.01	Ventilated - Perm. Magnet	12 DC	8	2000	65	S1	20	2,4
	299501.04	Ventilated - Perm. Magnet	12 DC	8	2000	65	S1	20	2,4
	299501.04 NPT	Ventilated - Perm. Magnet	12 DC	8	2000	65	S1	20	2,4
	299521	Permanent Magnet	12 DC	8	2000	65	S3 (50%)*	44	2,4
	299512	Ventilated - Perm. Magnet	24 DC	4	2000	65	S1	20	2,4
	299508 299508.01	Permanent Magnet Permanent Magnet	230 AC 230 AC	0,3 0,3	2000 2000	65 65	S3 (40%)* S3 (40%)*	20 20	2,4 2,4
<b>CM 60</b>	299505	Ventilated - Perm. Magnet	12 DC	13	3000	110	S1	20	2,6
	299505.01	Ventilated - Perm. Magnet	12 DC	13	3000	110	S1	20	2,6
	299505.04 NPT	Ventilated - Perm. Magnet	12 DC	13	3000	110	S1	20	2,6
	299517.01	Ventilated - Perm. Magnet	12 DC	13	3000	110	S1	44	2,6
	299513	Ventilated - Perm. Magnet	24 DC	6,5	3000	110	S1	20	2,6
	299513.01	Ventilated - Perm. Magnet	24 DC	6,5	3000	110	S1	20	2,6
	299516.01	Ventilated - Perm. Magnet	24 DC	6,5	3000	110	S1	44	2,6
	299515	Permanent Magnet	230 AC	0,7	3000	110	S3 (40%)*	20	3,2
299519.01	Ventilated - Induction	230 AC	0,7	2800	110	S1	44	3,8	

### Modelli a Pistone / Piston models

	Available versions	Motor Type	V (V)	I (A)	Speed (rpm)	Power (W)	Service (Duty cycle)	IP protection	Weight (kg)
<b>CP 15</b>	299502	Ventilated - Perm. Magnet	12 DC	4,5	2000	40	S3 (100%)	20	2,4
	299502.01	Ventilated - Perm. Magnet	12 DC	4,5	2000	40	S3 (100%)	20	2,4
	299507	Ventilated - Perm. Magnet	24 DC	2,3	2000	40	S3 (100%)	20	2,4
	299523.01	Permanent Magnet	12 DC	4,5	2000	40	S3 (100%)	44	2,4
	299525.01	Permanent Magnet	230 AC	0,25	2000	40	S3 (100%)	20	2,4
<b>CP 26</b>	299503	Ventilated - Perm. Magnet	12 DC	8,5	2000	65	S3 (60%)*	20	2,4
<b>CP 37</b>	299504	Ventilated - Perm. Magnet	12 DC	14,5	3000	130	S3 (60%)*	20	2,5
	299504.01	Ventilated - Perm. Magnet	12 DC	14,5	3000	130	S3 (60%)*	20	2,5
	299524.01	Ventilated - Perm. Magnet	12 DC	14,5	3000	130	S3 (60%)*	44	2,5
	299510	Ventilated - Perm. Magnet	24 DC	7,2	3000	130	S3 (60%)*	20	2,5
	299518.01	Permanent Magnet	230 AC	0,9	3000	130	S3 (40%)*	44	3,2
	299520.01	Ventilated - Induction	230 AC	0,9	2800	130	S1	44	3,8
<b>CP 45</b>	299509	Ventilated - Perm. Magnet	12 DC	20	3700	180	S3 (50%)*	20	2,5
	299509.01	Ventilated - Perm. Magnet	12 DC	20	3700	180	S3 (50%)*	20	2,5
	299509.05	Ventilated - Perm. Magnet	12 DC	20	3700	180	S3 (50%)*	20	2,5
	299511.01	Ventilated - Perm. Magnet	24 DC	11	3700	180	S3 (50%)*	20	2,5

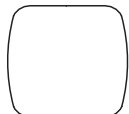
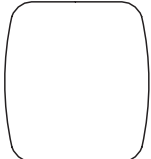
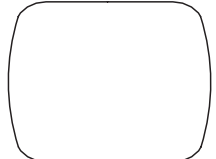
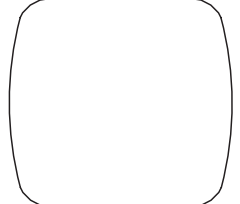
\* S3 (40%): 10 min ON, 15 min OFF \*\* S3 (60%): 20 min ON, 13 min OFF  
\*\*\* S3 (50%): 20 min ON, 20 min OFF



**CM 40/60 - Compressori a Membrana - Selezione serbatoi**

**CM 40/60 - Diaphragm Compressors - Air Tank Selection**



	20 lt 5,25 USG	40 lt 10,56 USG	60 lt 15,85 USG	80 lt 21,13 USG
<b>Pressione da 0 a 1,5 bar Pressure 0 to 21,75 PSI</b>				
<b>CM 40</b>	1 min 30 sec	3 min	4 min 30 sec	6 min
<b>CM 60</b>	56 sec	1 min 53 sec	2 min 48 sec	3 min 44 sec





**Pressione da 0 a 2 bar  
Pressure 0 to 29 PSI**

<b>CM 40</b>	2 min 18 sec	4 min 36 sec	6 min 54 sec	9 min 12 sec
<b>CM 60</b>	1 min 23 sec	2 min 46 sec	4 min 10 sec	5 min 30 sec

**CP 15/26/37/45 - Compressori a Pistone - Selezione serbatoi**

**CP 15/26/37/45 - Piston Compressors - Air Tank Selection**

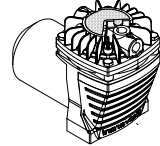


	2 lt 0,5 USG	4 lt 1 USG	10 lt 2,6 USG	20 lt 5,3 USG
<b>Pressione da 0 a 5 bar Pressure 0 to 72 PSI</b>				
<b>CP 15</b>	1 min 30 sec	2 min 50 sec	7 min	14 min 10 sec
<b>CP 26</b>	54 sec	1 min 47 sec	4 min 25 sec	8 min 50 sec
<b>CP 37</b>	40 sec	1 min 17 sec	3 min 13 sec	6 min 26 sec
<b>CP 45</b>	31 sec	1 min	2 min 30 sec	5 min

**Pressione da 0 a 7 bar  
Pressure 0 to 100 PSI**

<b>CP 26</b>	1 min 30 sec	3 min	7 min 25 sec	15 min
<b>CP 37</b>	1 min 3 sec	2 min 7 sec	5 min 14 sec	10 min 30 sec
<b>CP 45</b>	46 sec	1 min 30 sec	3 min 50 sec	7 min 40 sec

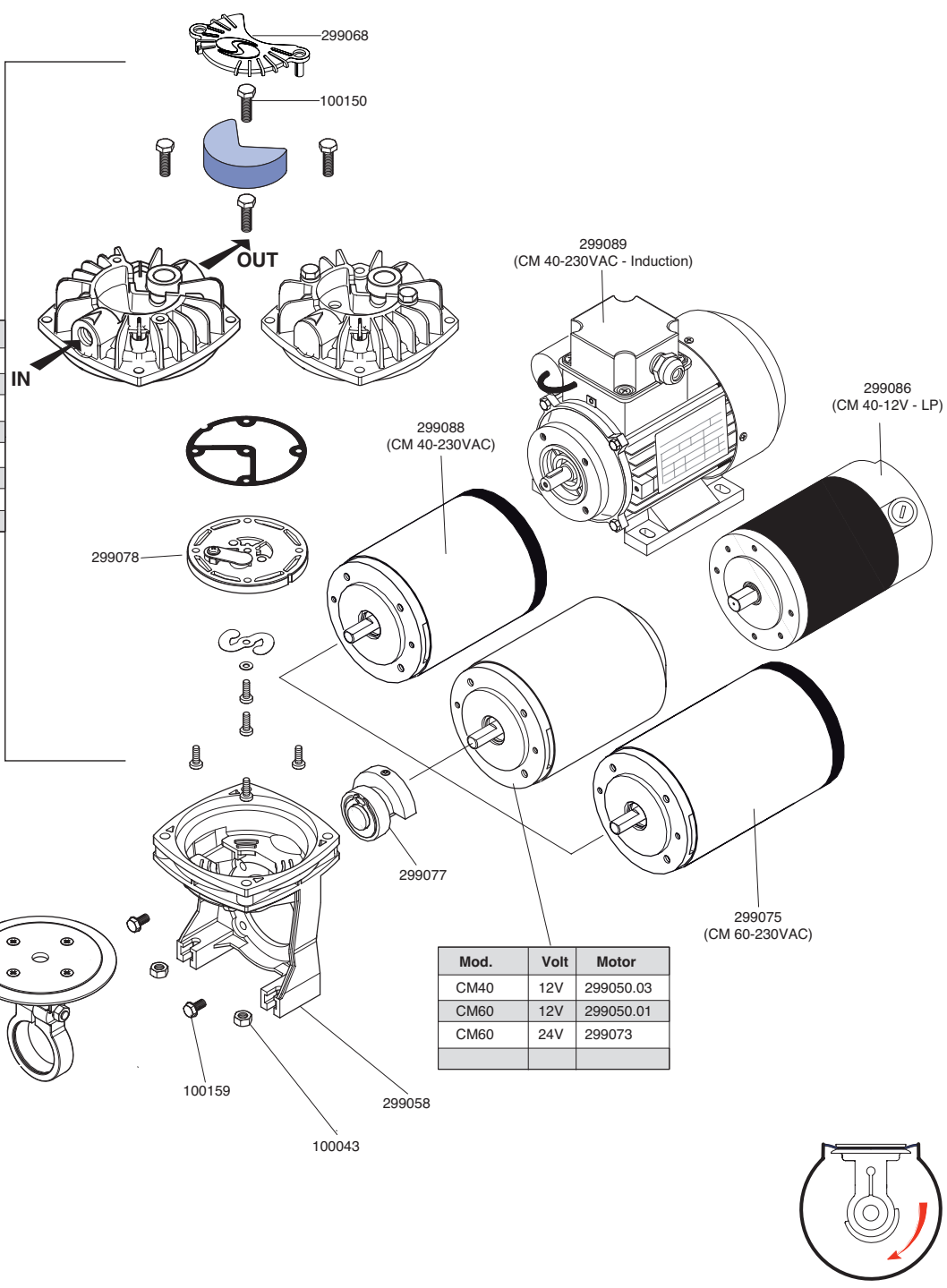




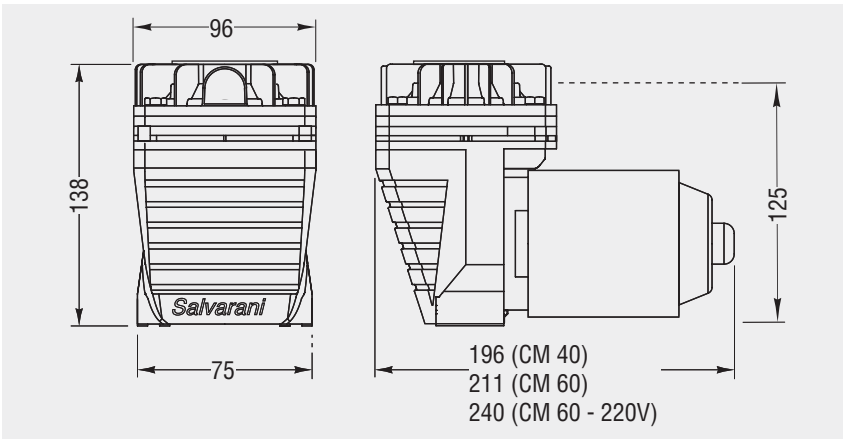
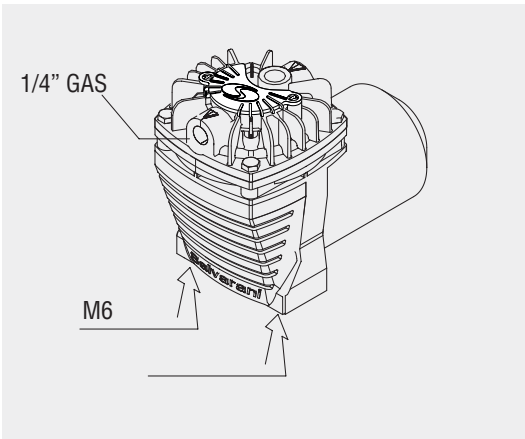
**CM 40/60 - Compressori a Membrana**

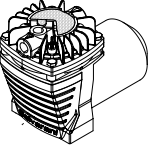
**CM 40/60 - Diaphragm Compressors**

Mod.	Volt	Motor
CM40	12V	299079
CM40 I/O	12V	299079.01
CM40 90°	12V	299079.02
CM60	12V	299079
CM60 I/O	12V	299079.01
CM60	24V	299079
CM60	230VAC	299079



Mod.	Volt	Motor
CM40	12V	299050.03
CM60	12V	299050.01
CM60	24V	299073





**CP15/26/37/45 - Compressori a Pistone**

**CP15/26/37/45 - Piston Compressors**

Mod.	Volt	Cod.
CP15	12V	299083
CP15 I/O	12V	299083.01
CP26	12V	299083
CP26 I/O	12V	299083.01
CP26	24V	299083
CP37	12V	299083
CP37 I/O	12V	299083.01
CP37	24V	299083
CP37 I/O	24V	299083.01
CP45	12V	299083
CP45 I/O	12V	299083.01
CP45 I/O	24V	299083.01

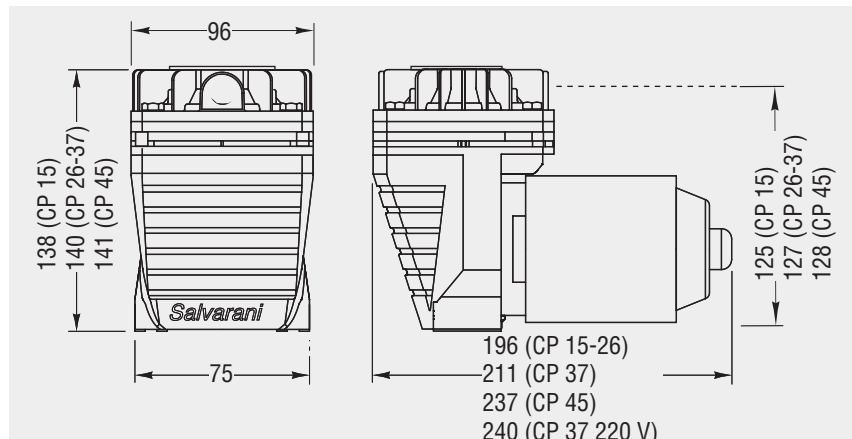
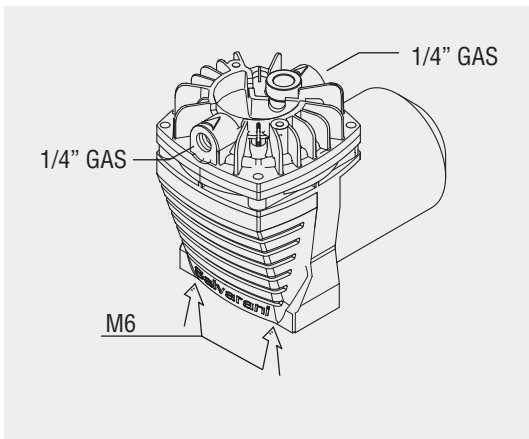
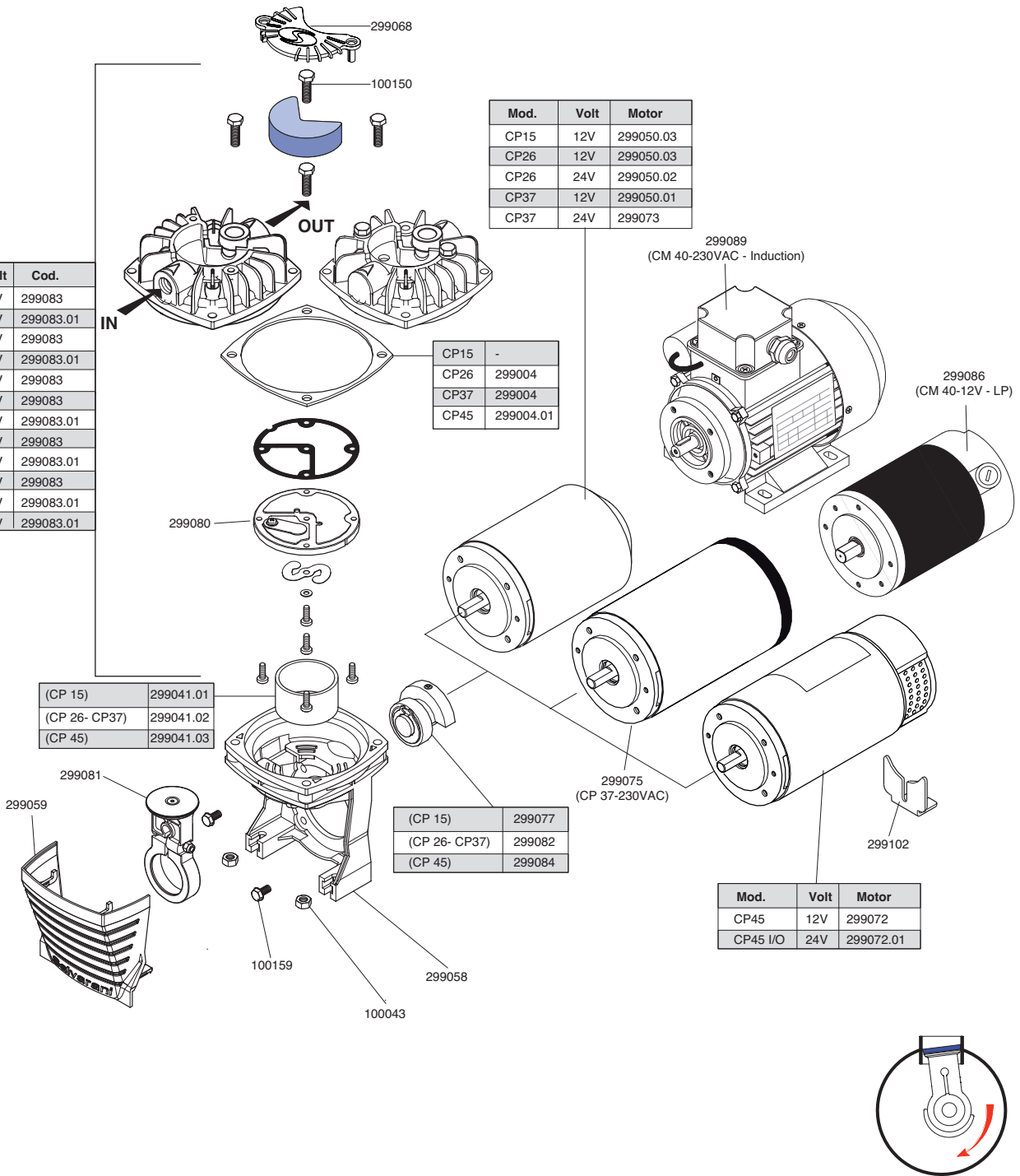
(CP 15)	299041.01
(CP 26- CP37)	299041.02
(CP 45)	299041.03

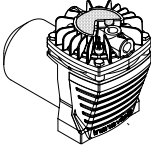
CP15	-
CP26	299004
CP37	299004
CP45	299004.01

(CP 15)	299077
(CP 26- CP37)	299082
(CP 45)	299084

Mod.	Volt	Motor
CP15	12V	299050.03
CP26	12V	299050.03
CP26	24V	299050.02
CP37	12V	299050.01
CP37	24V	299073

Mod.	Volt	Motor
CP45	12V	299072
CP45 I/O	24V	299072.01





**■ ■ Guida per la scelta del Compressore**  
**🇬🇧 Specification guide for Compressor choice**

Azienda / Company name \_\_\_\_\_ Data / Date \_\_\_\_\_

Città / City \_\_\_\_\_ Provincia / County \_\_\_\_\_ Stato / Country \_\_\_\_\_ CAP / Zip code \_\_\_\_\_

Tel. \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_ Website \_\_\_\_\_

Richiedente / Applicant: \_\_\_\_\_ Mansione / Job: \_\_\_\_\_

**Settore di utilizzo:**  
**Field of use:**

**Tipo di applicazione:**  
**Type of application:**

Industria / Industry \_\_\_\_\_

Agricultural / Agriculture \_\_\_\_\_

Automotive \_\_\_\_\_

Elettromedicale / Electromedical \_\_\_\_\_

**1) Alimentazione / Power Supply**

12 V dc | V DC \_\_\_\_\_ | V AC \_\_\_\_\_ Hz \_\_\_\_\_

24 V dc

Grado IP di Protezione motore / IP motor protection rate \_\_\_\_\_

**2) Ciclo di funzionamento / Functioning cycle**

Continuo / Continuous |  Intermittente / Intermittent

Tempo funz. min. \_\_\_\_\_ Tempo pausa min. \_\_\_\_\_

Min. operating time \_\_\_\_\_ Min. pause time \_\_\_\_\_

Altro / Other \_\_\_\_\_

**3) Temperatura ambiente / Ambient temperature**

Min. \_\_\_\_\_ °C \_\_\_\_\_ °F | Max \_\_\_\_\_ °C \_\_\_\_\_ °F

**4) Requisiti di pressione e portata / Pressure and flow details**

Flusso di funzionamento Max / Max operating flow \_\_\_\_\_ L/min \_\_\_\_\_ bar \_\_\_\_\_ GPM \_\_\_\_\_ PSI

Flusso di funzionamento Min / Min operating time \_\_\_\_\_ L/min \_\_\_\_\_ bar \_\_\_\_\_ GPM \_\_\_\_\_ PSI

**5) Tipo di controllo / Type of control**

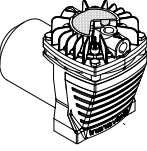
Pressostato / Pressor switch |  Con serbatoio di accumulo / With accumulating tank Lt. \_\_\_\_\_ |  Senza serbatoio

Manuale / Manual |  Timer |  Altro / Other \_\_\_\_\_

**6) Configurazione della tubazione del sistema / Hosing system configuration**

\_\_\_\_\_ Ø Interno Tubazione / Internal hose Ø \_\_\_\_\_ Lunghezza / Length \_\_\_\_\_





Esempi / Examples

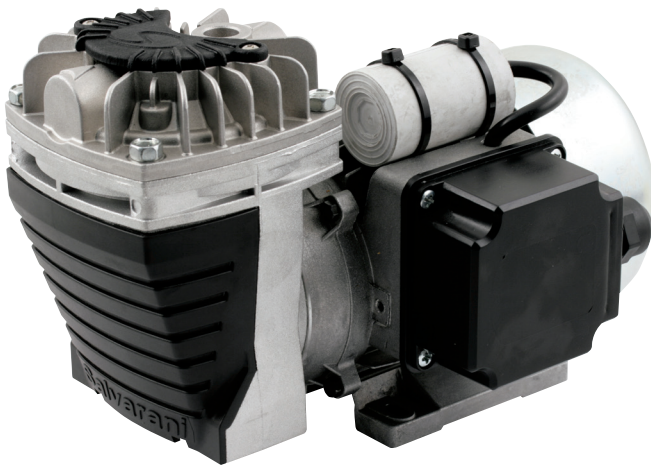
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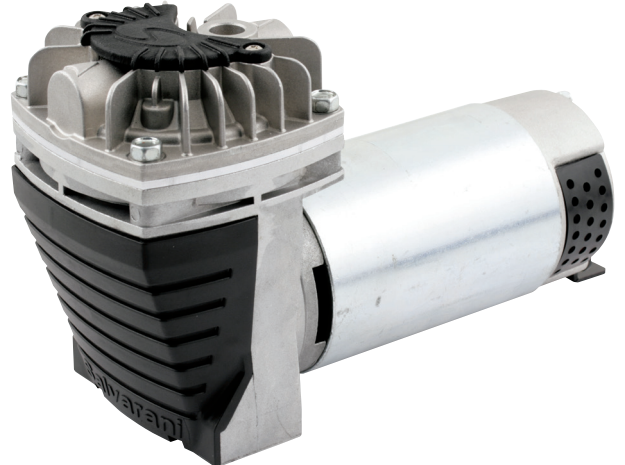
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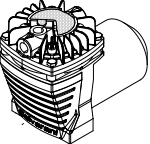


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# Rivenditori / Worldwide retailers




# Salvarani srl

 SALVARANI joven y dinámica empresa, nace en el corazón de la Emilia, región italiana que honra una larga historia y experiencia en el campo de los componentes agrícolas e industriales.

SALVARANI ofrece a su propia clientela una gama completa de componentes y productos, ofreciendo también su propia experiencia para el desarrollo y realización de proyectos personalizados.

Innovación, tutela del ambiente, precisión de trabajo, confiabilidad del producto y asistencia son la línea guía para una búsqueda continua dirigida al mejoramiento y a la creación de nuevos productos. Esto se traduce en artículos de alto estándar tecnológico en grado de garantizar competitividad y ventajas económicas a las empresas constructoras, a las redes de venta y usuarios.

 SALVARANI, empresa jovem e dinâmica, está localizada no coração da Emilia, uma região italiana com uma longa história e experiência na área dos componentes agrícolas e industriais.

SALVARANI oferece a seus clientes uma gama completa de componentes e produtos, oferecendo também sua experiência para o desenvolvimento e a realização de projetos personalizados.

Inovação, proteção ambiental, precisão de trabalho, confiabilidade do produto e suporte são as orientações para uma contínua pesquisa que visa melhorar e criar novos produtos. Isso resulta em produtos de alto padrão tecnológico capazes de garantir competitividade e benefícios econômicos para as empresas fabricantes, as redes de venda e os usuários.

 Недавно созданная и активно действующая компания SALVARANI расположена в самом сердце Эмилии, итальянского региона с давней историей и традициями в производстве комплектующих для сельскохозяйственной и промышленной техники.

В этом секторе компания SALVARANI готова предложить полный ассортимент комплектующих и другой продукции, а также свой опыт разработки и реализации индивидуальных проектов.

Инновации, забота об окружающей среде, точность в работе, надежность продукции и поддержка — таковы руководящие принципы непрекращающегося поиска путей совершенствования существующих и создания новых изделий. Благодаря этому на свет появляются изделия высокого технологического уровня, способные составить достойную конкуренцию и дать экономические преимущества строительным предприятиям, сетям сбыта и конечным потребителям.

 Nem véletlen, hogy a SALVARANI, egy fiatal és dinamikus vállalat Emilia közepén található, az olasz régió közepén, mely hosszú történelmmel és nagy tapasztalattal rendelkezik a mezőgazdasági és ipari alkatrészek területén.


A SALVARANI teljes termékkört kínál a megrendelőinek, valamint specifikus tapasztalatot a testreszabott projektek kialakításában és megvalósításában.

Innováció, környezettudatosság, megmunkálás pontossága, termék megbízhatóság és támogatás a fő irányelvek az új termékek fejlesztése és létrehozása felé forduló folyamatos kutatásnál. Az ilyen erőfeszítésnek köszönhetően a SALVARANI termékek hangsúlyozott technológiai és mechanikai standardokkal készülnek, melyek garantálják a működési és gazdasági előnyöket a gyártók, kiskereskedelmi hálózatot és végfelhasználók számára.

 SALVARANI este o companie tanara si dinamica situata in inima Regiunii Emilia, regiune italiana cu o lunga istorie si experienta in domeniul pieselor agricole si industriale.

SALVARANI ofera clientilor sai o gama completa de produse precum si experienta speciala in dezvoltarea si realizarea de proiecte adaptate nevoilor clientilor.

Inovatie, protectia mediului, precizia de lucru, fiabilitatea produselor precum si asistenta sunt principalele criterii pentru o cercetare continua in scopul imbunatatirii si crearii de noi produse. Multumita unor astfel de eforturi, produsele Salvarani sunt realizate in baza unor standarde tehnologice si mecanice intense, care garanteaza avantaje operationale si economice pentru producatori, retele de vanzari cu amanuntul si utilizatori finali.

 意大利萨瓦拉尼有限责任公司，位于意大利工农业发达的Emilia地区，是一家年轻，充满活力但又充分秉承欧洲“自主创新”与“追求卓越”工业传统的公司。

经过不断的发展与完善，意大利萨瓦拉尼有限责任公司已具备完整的产品体系，可供客户进行充分地选择。根据不同的市场需求反馈，公司依托本身丰富的开发，设计经验，不间断地进行新产品的开发和设计。

# Salvarani

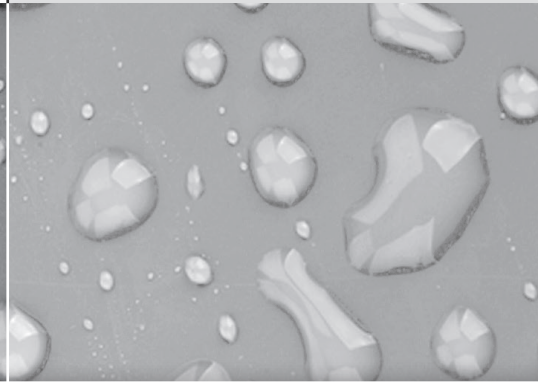


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