



»» CSM 15-50  
DRD 40-50

»» CSMV 10-50  
DRD 10-50 PM

Oil-injected screw  
compressors  
Fixed and variable speed



# CECCATO HISTORY



## Reliability

- » Designed with 75 years industry experience
- » Careful qualification of components
- » Continuous endurance testing
- » World class branded electricals

## Outstanding Efficiency

- » Models to surpass industry standards
- » Industry leading air end
- » World renowned electrical motor
- » Large separator with 3 stage separation
- » Suitable for 46°C ambient conditions

## Highest Quality Standards

- » ISO9001 - ISO14001 quality assurance
- » OHSAS 18001 quality assurance
- » End to end quality testing procedure

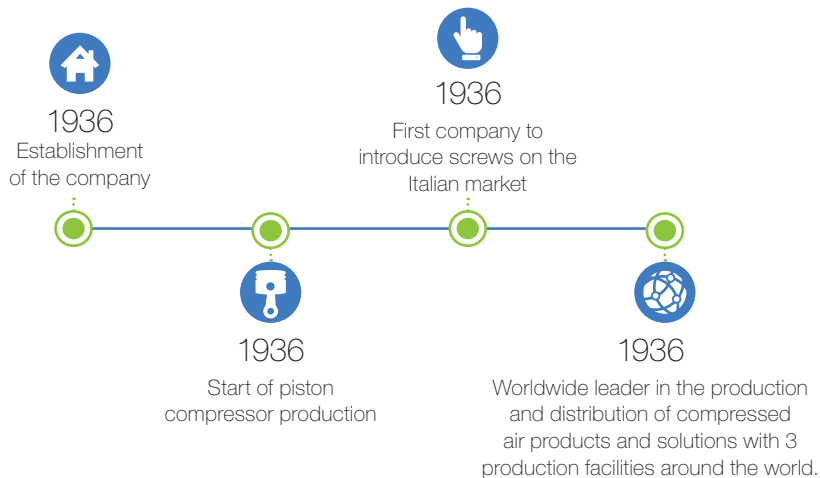
## Service Friendly

- » Easy access to all service components
- » Tilt & swing separator cover with hinge
- » Minimum downtime at service intervention
- » Long service components

## Options to suit every industry

- » Options to suit many industrial applications
- » Options to extend the service lifetime
- » Options to reach highest industrial efficiency
- » Witness certificates for regulatory requirements

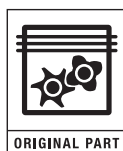
## »»» Ceccato History



“  
Ceccato product ranges come with range of option to suit diverse range of industry

“  
Very short time for service intervention

“  
High efficiency level with reliable components



Only original parts extend your compressor's lifetime, reduce maintenance costs and maximize efficiency



# FIXED SPEED COMPRESSOR 15-50HP/11-37KW



## Customer benefits: CSM 15-50, DRD 40-50

Gearbox driven compressors are suitable for use with a variety of constant speed or variable speed drivers. Local energy costs and application requirements will determine the most economical method of drive for your application. We offer you:

- Easy maintenance
- User-friendly operation
- Lower maintenance cost
- Simple installation
- Highest performance for less energy consumption
- No transmission losses

## Components

- 1 Filtration panel
- 2 Emergency stop
- 3 ES4000T controller
- 4 Element
- 5 Motor
- 6 Oil-separator vessel
- 7 Fan
- 8 Air filter



## Technical data

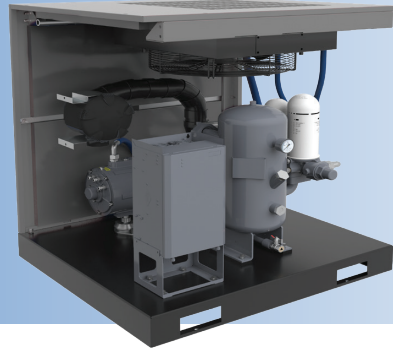
Model									
	Pressure	Motor		Capacity		Noise	Weight	Connection	Dimension
	Mpa	hp	kw	l/s	cfm	dB(A)±2	KG		LxHxW(mm)
CSM 15	0.7	15	11	30	63	69	293	3/4"	850*790*1260
	0.8			30	63				
	1			23	48				
CSM 20	0.7	20	15	38	79	71	341	3/4"	850*790*1260
	0.8			37	79				
	1			33	70				
CSM 25	0.7	25	18.5	51	107	73	364	1"	850*790*1260
	0.8			50	106				
	1			43	91				
CSM 30	0.7	30	22	61	129	0	0	1"	950*850*1080
	0.8			59	125				
	1			53	112				
CSM 40	0.7	40	30	89	189	72	559	1 1/2"	1430*950*1200
	0.8			83	176				
	1			74	157				
CSM 50	0.7	50	37	110	233	72	600	1 1/2"	1430*950*1200
	0.8			105	222				
	1			85	180				
DRD 40	0.7	40	30	94	198	69	821	1 1/2"	1723*980*1600
	0.8			88	185				
	1			79	168				
DRD 50	0.7	50	37	113	240	70	846	1 1/2"	1723*980*1600
	0.8			106	223				
	1			97	206				
CSM15 TMDD	0.7	15	11	30	63	69	430	1"	1565*790*1784
	0.8			30	63				
	1			23	48				
CSM20 TMDD	0.7	20	15	38	79	71	541	1"	1565*790*1784
	0.8			37	79				
	1			33	70				
CSM25 TMDD	0.7	25	18.5	51	107	73	564	1"	1565*790*1784
	0.8			50	106				
	1			43	91				

# VARIABLE SPEED COMPRESSOR

## »»» Your energy efficient and solid performance

### THE HIGH PERFORMANCE DRIVE TRAIN

- In-house design on oil-cooled permanent magnetic motor
- High performance and durable reliability
- Service free drive train



### ROBUST, COMPACT AND USER-FRIENDLY FREQUENCY INVERTER

- Industrial inverter works on minimum start-up power consumption
- Contribute to minimum power consumption on lower and lower operation cost

### ES4000T TOUCH CONTROLLER

- Large 4.3" HD graphic touch screen
- Integrated smart connectivity
- Built in online monitoring



### SIMPLE MAINTENANCE

- Quick access to service
- Suction cooling air flow supports visual inspection with open-door

# VARIABLE SPEED DRD 10-50HP/7.5-37KW



## Technical data

Model									
	Max. Pressure	Motor		Capacity		Noise	Weight	Connection	Dimension
	Mpa	hp	kw	I/S	cfm	dB(A)±2	KG		LxWxH(mm)
CSMV 10	0.7-1.0	10	7.5	18-19	33-41	73	205	3/4"	850*750*1000
CSMV 15	0.7-1.0	15	11	24-29	50-61	73	205	3/4"	850*750*1000
CSMV 20	0.7-1.0	20	15	30-35	62-73	73	205	3/4"	850*750*1000
CSMV 25	0.7-1.0	25	18.5	46-54	96-115	73	280	1"	950*850*1080
CSMV 30	0.7-1.0	30	22	53-61	113-129	73	290	1"	950*850*1080
CSMV 40	0.7-1.0	40	30	76-88	160-186	76	362	1 1/2"	1130*950*1200
CSMV 50	0.7-1.0	50	37	91-107	193-226	77	416	1 1/2"	1130*950*1200

Model									
	Max. Pressure	Motor		Capacity		Noise	Weight	Connection	Dimension
	Mpa	hp	kw	I/S	cfm	dB(A)±2	KG		LxWxH(mm)
DRD 10 PM	0.7-1.3	10	7.5	13-20	27-42	73	230	3/4"	1100* 850 * 1080
DRD 15 PM	0.7-1.3	15	11	21-30	44-64	73	231	3/4"	1100* 850 * 1080
DRD 20 PM	0.7-1.3	20	15	27-36	56-77	73	241	3/4"	1100* 850 * 1080
DRD 25 PM	0.7-1.3	25	18.5	42-57	88-120	73	313	1"	1250* 950 * 1180
DRD 30 PM	0.7-1.3	30	22	48-64	101-135	73	321	1"	1250* 950 * 1180
DRD 40 PM	0.7-1.3	40	30	67-94	141-199	74	412	1 1/2"	1330* 950 * 1200
DRD 50 PM	0.7-1.3	50	37	82-107	173-226	73	413	1 1/2"	1330* 950 * 1200

## Variable speed control - Frequency inverter regulation

A frequency driven compressor has a working pattern with lower peaks and a smoother air profile. This is achieved by controlling the air delivery and producing only the amount of air for the customer's application at a daily lower and lower operation. The net pressure is maintained by use of a frequency inverter. As a result, the compressor consumes only the energy needed which is very cost efficient.



# REVOLUTIONARY DRIVE TRAIN TECHNOLOGY

## Improved energy efficiency saves you money

- » In-house designed iPM motor with iPM Super Premium Efficiency.
- » New generation screw elements, with improved efficiency.
- » Integrated direct drive transmission for minimal losses.
- » Smart inlet valve optimizes the inlet flow and improves efficiency.

## Increased reliability extends lifetime

- » iPM motor rated IP66, premium protection against dust and water ingress.
- » Globally renowned screw elements, proven in thousands of installations.
- » Optimal cooling at all speeds and conditions thanks to oil-cooling principle of the iPM motor.

## Maintenance-free design minimizes downtime and improves your productivity

- » Coupling-free direct drive design, no maintenance needed.
- » Smart inlet valve, no maintenance needed.

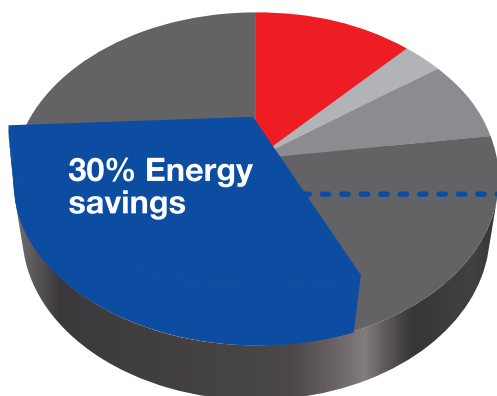
## »»» DRD 30 PM



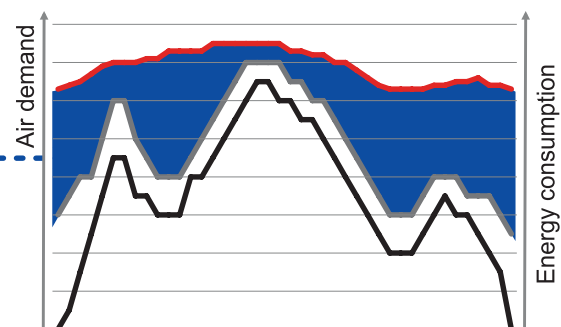
- 1 Oil filter
- 2 Air filter
- 3 Oil separator
- 4 Motor
- 5 Cooler

## »»» We protect your efficiency

Energy costs represent about 70% of the total operating cost of your compressor over a 5 year period. That's why reducing the operating cost of a compressed air solution is a major focus. Variable frequency driven compressors can cut the energy bill of your compressor by up to 30%.



- 12% investment
- 3% installation
- 8% Service
- 77% Energy consumption



- Air demand
- Variable frequency driven costs
- Load Unload costs
- Savings

# A TOTAL SOLUTION FOR YOUR QUALITY AIR

## Complete compressor room solutions



### Line Filters

» Purify the compressed air by eliminating oil/dust contaminants resulting in higher final product quality and an increase of your overall productivity.

### Air Receiver

» Buffer storage for compressed air. Helps with condensate separation, pressure stabilization and more efficient operation of the compressor.

### Oil Water Separator

» Captures the oil in compressor condensate so it can be disposed of in a safe and environment-friendly way.

### AIRnet

» Fast to install, reliable piping system, designed for compressed air applications offers lowest total cost of ownership.

## Complete your compressed air installation with an ICONS plan

What if your compressor needs service or an immediate intervention? With an ICONS plan, you get an alert from your controller delivered straight to your computer, tablet or smartphone. Wherever you are, you can take immediate action and reduce the risk of downtime and other costs.



### With connectivity



### Without connectivity





Oil-injected screw compressor

Fixed speed  
Range CSM/DRD series

Variable speed  
Range CSMV/DRD PM series



- A high quality product offering you **technology you can trust**.
- Our products are **easy to use** and guarantee high **reliability**.
- Distributors are always nearby ensuring **availability** of both products and support.
- Choosing our high performance products entails a **partnership** that will boost your business.
- Safeguarding long-term productivity through optimal **serviceability** and use of original parts.



## Care. Trust. Efficiency.

### Care.

Care is what service is all about: professional service by knowledgeable people, using high-quality original parts.

### Trust.

Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

### Efficiency.

Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference.

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