



»» CSM 5.5-50  
DRD 40-50

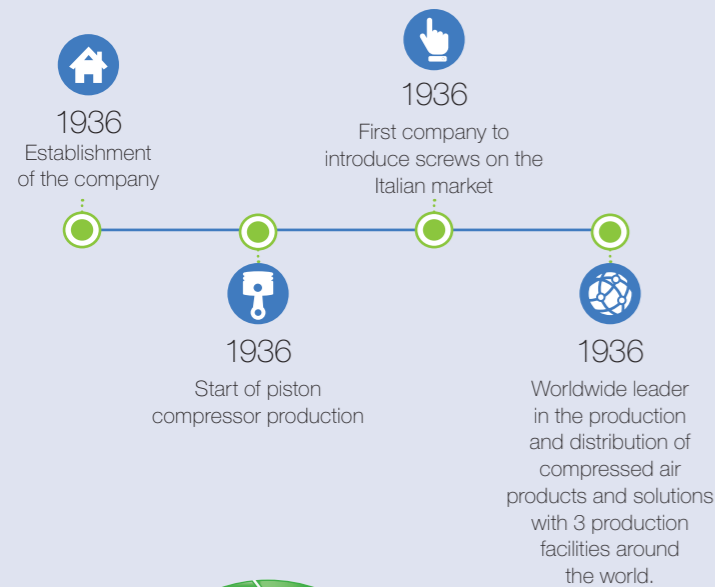
»» CSMV 10-50  
DRD 10-50 PM

60Hz  
Oil-injected screw  
compressors  
Fixed and variable speed





## »»» 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



## »»» Customer benefits: CSM 5.5-50, 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	psig	hp	kW	l/s	cfm	dB(A)±2	KG	G	LxWxH (mm)
CSM 5.5	0.8 1.0	115 145	5.5	4	10 9	20 18	63	152	1/2	650x650x890
CSM 7.5	0.8 1.0	115 145	7.5	5.5	14 11	29 24	63	166	1/2	650x650x890
CSM 10	0.8 1.0	115 145	10	7.5	19 15	40 32	63	175	1/2	650x650x890
CSM 15	0.7 0.8 1.0	100 115 145	15	11	29 29 24	62 62 50	69	295	3/4	850x790x1260
CSM 20	0.7 0.8 1.0	100 115 145	20	15	38 38 32	80 80 67	71	345	3/4	850x790x1260
CSM 25	0.7 0.8 1.0	100 115 145	25	18.5	49 49 43	104 104 91	73	370	1	850x790x1260
CSM 30	0.7 0.8 1.0	100 115 145	30	22	63 60 55	133 126 116	71	440	1	1250x850x1000
CSM 40	0.7 0.8 1.0	100 115 145	40	30	89 83 74	189 177 157	72	565	1 1/2	1430x950x1200
CSM 50	0.7 0.8 1.0	100 115 145	50	37	110 103 94	233 219 199	72	620	1 1/2	1430x950x1200
DRD 40	0.7 0.8 1.0	100 115 145	40	30	87 87 77	185 184 164	69	821	1 1/2	1723x980x1600
DRD 50	0.7 0.8 1.0	100 115 145	50	37	106 106 96	224 224 203	70	846	1 1/2	1723x980x1600

Model	Pressure		Motor		Capacity*		Noise	Weight	Connection	Dimension
	Mpa	psig	hp	kW	l/s	cfm	dB(A)	KG	G	LxWxH (mm)
CSM5.5 TMDD	0.8 1.0	116 145	5.5	4	10 9	20 18	63	316	1/2	1547x650x1473
CSM7.5 TMDD	0.8 1.0	116 145	7.5	5.5	14 11	29 24	63	330	1/2	1547x650x1473
CSM10 TMDD	0.8 1.0	116 145	10	7.5	19 15	40 32	63	368	1/2	1547x650x1473
CSM15 TMDD	0.7 0.8 1.0	102 116 145	15	11	29 29 23	62 62 49	71	493	1	1525x818x1789
CSM20 TMDD	0.7 0.8 1.0	102 116 145	20	15	37 37 34	78 78 71	71	568	1	1569x818x1789
CSM25 TMDD	0.7 0.8 1.0	102 116 145	25	18.5	51 51 41	108 107 87	73	595	1	1569x818x1789

\* Unit performance measured according to ISO 1217. Annex C. latest edition and ISO 2151.  
\*220V, 380V available



## »»» Your energy efficient and solid performance

## »»» Technical data

### 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



Model	Max. Pressure		Motor		Capacity*		Noise	Weight (380V)	Weight (220V)	Connection	Dimension (380V)	Dimension (220V)
	Mpa	psig	hp	kW	l/s	cfm	dB(A)	KG	KG	G	LxWxH (mm)	LxWxH (mm)
	CSMV 10	0.7-1.0	100-145	10	7.5	3.1-19	6.6-41	73	205	287	3/4	850x750x1000
CSMV 15	0.7-1.0	100-145	15	11	4.5-29	9.5-61	73	205	312	3/4	850x750x1000	1355x772x1000
CSMV 20	0.7-1.0	100-145	20	15	7.8-35	17-73	73	205	312	3/4	850x750x1000	1355x772x1000
CSMV 25	0.7-1.0	100-145	25	18.5	10-54	21-115	73	280	/	1	950x850x1080	/
CSMV 30	0.7-1.0	100-145	30	22	12-61	25-129	73	290	433	1	950x850x1080	1515x873x1080
CSMV 40	0.7-1.0	100-145	40	30	23-88	49-186	76	362	/	1 1/2	1130x950x1200	/
CSMV 50	0.7-1.0	100-145	50	37	31-107	66-226	77	416	599	1 1/2	1130x950x1200	1715x973x1200

Model	Max. Pressure		Motor		Capacity*		Noise	Weight (380V)	Weight (220V)	Connection	Dimension (380V)	Dimension (220V)
	Mpa	psig	hp	kW	l/s	cfm	dB(A)	KG	KG	G	LxWxH (mm)	LxWxH (mm)
	DRD 10 PM	0.7-1.3	100-190	10	7.5	3.3-20	7.0-42	70	230	320	3/4	1100x850x1080
DRD 15 PM	0.7-1.3	100-190	15	11	5.3-30	11-64	70	231	346	3/4	1100x850x1080	1555x880x1080
DRD 20 PM	0.7-1.3	100-190	20	15	6.6-36	14-77	70	241	356	3/4	1100x850x1080	1555x880x1080
DRD 25 PM	0.7-1.3	100-190	25	18.5	10-57	21-120	70	313	/	1	1250x950x1180	/
DRD 30 PM	0.7-1.3	100-190	30	22	12-64	25-135	74	321	470	1	1250x950x1180	1755x980x1180
DRD 40 PM	0.7-1.3	100-190	40	30	22-94	47-199	75	412	/	1 1/2	1330x950x1200	/
DRD 50 PM	0.7-1.3	100-190	50	37	32-107	68-226	73	413	597	1 1/2	1330x950x1200	1835x980x1200

\*Unit performance measured according to ISO 1217. Annex C. latest edition and ISO 2151.

## »»» 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.





## 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.

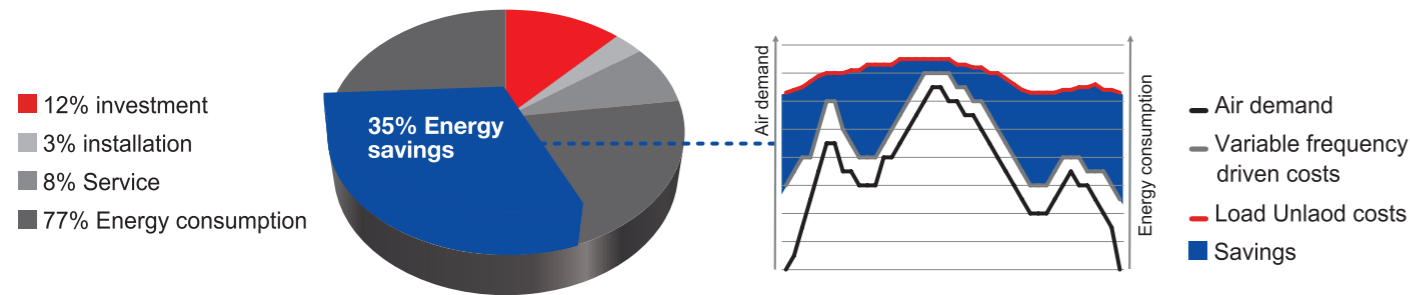
## DRD 30 PM



- 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 35%.



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



## 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

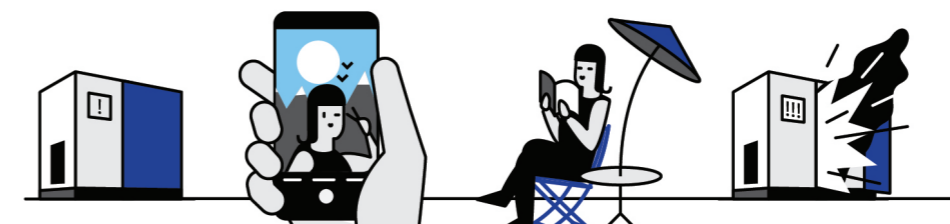
What if your compressor needs service or an immediate intervention? With an ICONS plan, you get an alert from your controller delivered straight to your computer, tablet or smartphone. Wherever you are, you can take immediate action and reduce the risk of downtime and other costs.



### 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.



Contact your local sales representative now!

[www.ceccato-compressors.com](http://www.ceccato-compressors.com)