



»» CSM 5.5-50
DRD 40-50

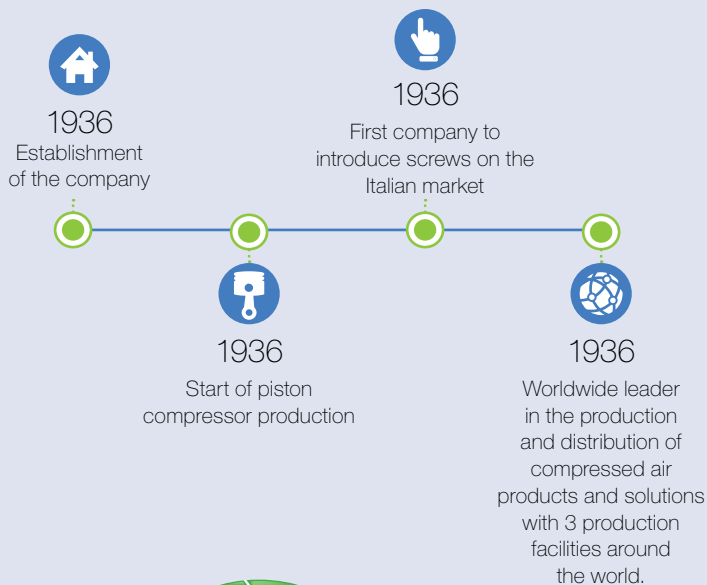
»» CSMV 10-50
DRD 10-50 PM

60Hz
Oil-injected screw
compressors
Fixed and variable speed



CECCATO HISTORY

»»» Ceccato History



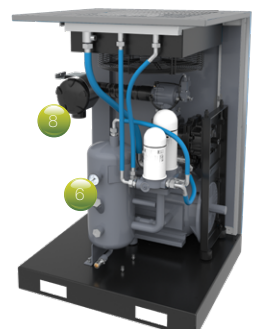
»»» Customer benefits: CSM 5.5-50, DRD 40-50

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



FIXED SPEED COMPRESSOR 5.5-50HP/4-37KW



Technical data

Model										
	Pressure		Motor		Capacity*		Noise	Weight	Connection	Dimension
	Mpa	psig	hp	kW	I/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	100	15	11	29	62	69	295	3/4	850x790x1260
	0.8	115			29	62				
	1.0	145			24	50				
CSM 20	0.7	100	20	15	38	80	71	345	3/4	850x790x1260
	0.8	115			38	80				
	1.0	145			32	67				
CSM 25	0.7	100	25	18.5	49	104	73	370	1	850x790x1260
	0.8	115			49	104				
	1.0	145			43	91				
CSM 30	0.7	100	30	22	63	133	71	440	1	1250x850x1000
	0.8	115			60	126				
	1.0	145			55	116				
CSM 40	0.7	100	40	30	89	189	72	565	1 1/2	1430x950x1200
	0.8	115			83	177				
	1.0	145			74	157				
CSM 50	0.7	100	50	37	110	233	72	620	1 1/2	1430x950x1200
	0.8	115			103	219				
	1.0	145			94	199				
DRD 40	0.7	100	40	30	87	185	69	821	1 1/2	1723x980x1600
	0.8	115			87	184				
	1.0	145			77	164				
DRD 50	0.7	100	50	37	106	224	70	846	1 1/2	1723x980x1600
	0.8	115			106	224				
	1.0	145			96	203				

Model										
	Pressure		Motor		Capacity*		Noise	Weight	Connection	Dimension
	Mpa	psig	hp	kW	I/S	cfm	dB(A)±2	KG	G	LxWxH (mm)
CSM 5.5 MDD	0.8 1.0	115 145	5.5	4	10 9	20 18	63	316	1/2	1547x650x1473
CSM 7.5 MDD	0.8 1.0	115 145	7.5	5.5	14 11	29 24	63	330	1/2	1547x650x1473
CSM 10 TMDD	0.8 1.0	115 145	10	7.5	19 15	40 32	63	368	1/2	1547x650x1473
CSM 15 TMDD	0.7	100	15	11	30	63	69	430	1	1565x790x1784
	0.8	115			30	63				
	1.0	145			23	48				
CSM 20 TMDD	0.7	100	20	15	38	79	71	541	1	1565x790x1784
	0.8	115			37	79				
	1.0	145			33	70				
CSM 25 TMDD	0.7	100	25	18.5	51	107	73	564	1	1565x790x1784
	0.8	115			50	106				
	1.0	145			43	91				

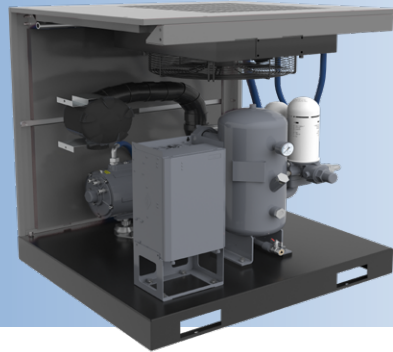
* Unit performance measured according to ISO 1217. Annex C. latest edition and ISO 2151.

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	psig	hp	kW	I/S	cfm	dB(A)±2	KG	G	LxWxH (mm)
CSMV 10	0.7-1.0	100-145	10	7.5	3.1-19	6.6-41	73	205	3/4	850x750x1000
CSMV 15	0.7-1.0	100-145	15	11	4.5-29	9.5-61	73	205	3/4	850x750x1000
CSMV 20	0.7-1.0	100-145	20	15	7.8-35	17-73	73	205	3/4	850x750x1000
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	1	950x850x1080
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	1 1/2	1130x950x1200

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

*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.



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.

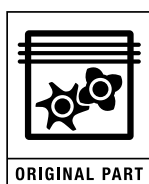
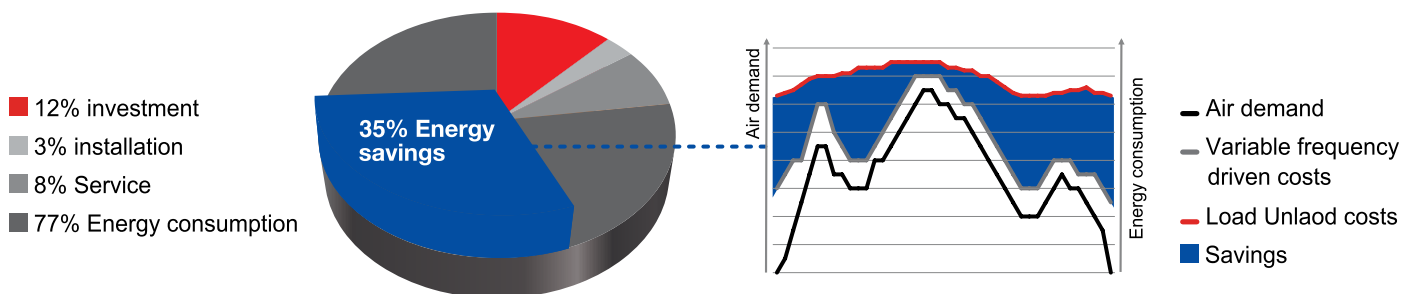
»»» DRD 30 PM



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

»»» 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



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



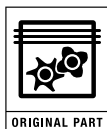
Oil-injected screw
compressor

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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www.ceccato-compressors.com