

DRB 30 - 50 hp
DRB IVR 30 - 50 hp

Solid, simple, smart:
Advanced reliability in
compressed air





DRB 30-50 Gear driven DRB 30-50 IVR Direct driven

Compressed air drives your company. Consequently, choosing the right compressor is crucial. Going for our DRB and DRB IVR ranges of highly efficient and flexible oil-injected screw compressors is a choice you will not regret. Bring some fresh air into your company and enjoy the strong performance and high efficiency that come with it.

The new DRB IVR closely follows the air demand by automatically adjusting the motor speed. Combined with the innovative design of direct driven transmission, this results in average energy savings of 35% and an average cut of 25% in the lifecycle cost of a compressor.

User benefits

Simple Installation

- Compact and all in one system, thanks to the oversized integrated dryers. Compressed air quality can be improved by the cyclonic water separator and the coalescent filter is available as an option.
- Innovative design
- Easy and fully protected transport
- No special foundation needed

Solid Quality

Outstanding and first-class components:

- Highly reliable transmissions, for a quiet and trouble-free operation.
- High capacity oil/air coolers, perfect air filtration and cooling guarantee less thermal shocks and a longer lifetime.
- Overload protection and full automatic control.
- High quality and heavy duty motor.

Easy Maintenance and Accessibility

- All service components are located at the front of the machine for excellent accessibility, you just have to open the frontal door for an easy access for service or cleaning, easy access of the coolers, oil filter, separator and air filter replacements.
- Oil-level eye at the front
- Easy and quick check thanks to service door and controller
- Service and cleaning is a one person job

Saving of costs

- Lower energy consumption thanks to IE3 motors or IVR technology
- Optimal efficiency, lubrication and cooling
- Long service intervals

Safety

- Emergency stop
- Protection grid
- IP 54 electrical cubicle
- Internal and external protection for the electric fan.

Optional and standard features

OPTIONS LIST	Factory	Sales
OIL 8000H	✓	✗
CANOPY HEATER	✓	✓
FOOD GRADE OIL	✓	✗
OPTION ENERGY RECOVERY	✓	✓
HEAVY DUTY INLET FILTER	✓ std on 30 and 37 kW	✓ std on 30 and 37 kW
COALESCENCE FILTER OPTION 0,1 ppm residual oil content	✓ (with dryer)	✓ (with dryer)
WATER SEPARATOR DRAIN (WSD) + automatic drain	✓	✓
PHASE SEQUENCE RELAY	std	std
TROPICAL THERMOSTAT	std	std
WOODEN PACKAGE	✓	✗
ES 4000 advanced controller	✓	✗
Main isolator SWITCH	✓	✗
Silencing baffle	✓	✓

✓ = available ✗ = not available



>>> SMART TECHNICAL ADVANTAGES

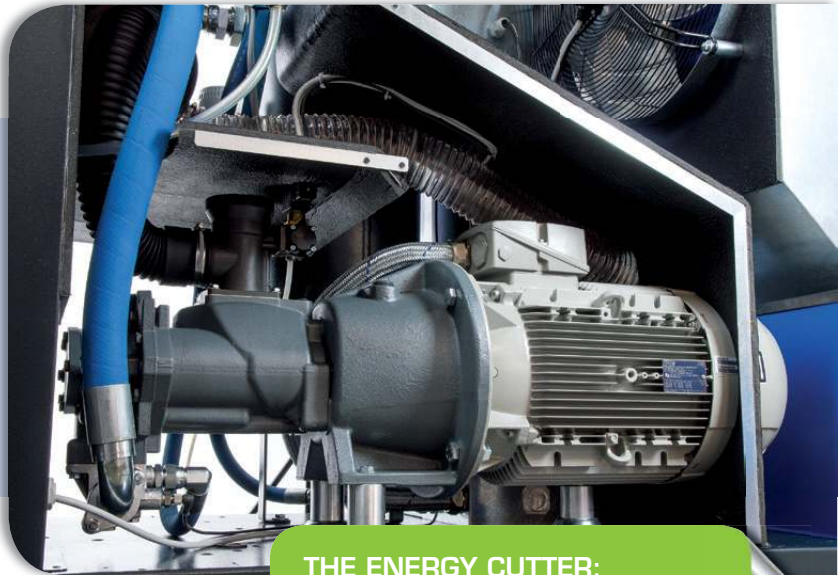


CUSTOMIZE YOUR MACHINES THROUGH A WIDE RANGE OF OPTIONS:

- Energy recovery to recover energy and reduce your energy bill
- Canopy heaters for low temperature installation



ES 4000 AS STANDARD
ES 4000 ADVANCED AS OPTION
FOR ALL THE MODELS



THE ENERGY CUTTER:

The new direct driven IVR version grants very low specific energy requirements and one of the widest turndowns of its category.



VERY BIG AIR OIL COOLER AND OPTIMIZED AIR FLOW

grant a very efficient cool down. Standard filtration panel extending service intervals. Air and oil filters and the oil vessel are easy to reach from the main door making serviceability very easy and fast.

YOUR ENERGY EFFICIENT AND SOLID PERFORMANCE

» DRB 30 - 50 gear driven
DRB 30 - 50 IVR direct driven

DRB 50 IVR D



DRB 50 IVR D

- | | |
|------------------------------|------------------------------|
| 1 cooling air filter | 9 air end |
| 2 emergency stop | 10 motor |
| 3 controller | 11 fan motor |
| 4 oil separator (40 - 50 hp) | 12 gear box (FS) |
| 5 oil separator (30 - 35 hp) | 13 direct transmission (IVR) |
| 6 electrical cubicle | 14 water separator drain |
| 7 converter | 15 coalescent filter |
| 8 air filter | 16 dryer |



DRB 35 D

» Energy audit

A frequency driven compressor potentially offers a very energy efficient compressed air installation, with a return on investment of typically 1-2 years. To help you decide to go with a frequency driven compressor or not, Ceccato has created the Energy Cutter, a tool which calculates in an easy way and visually presents the yearly savings that can be obtained from investing in a frequency driven compressor for any specific industry. Besides the Energy Cutter tool, Ceccato offers energy audits, specialized advice to make sure you make the right decision when buying your compressor.



TECHNICAL DATA



Fixed speed

FIX SPEED	Max. Working Pressure	Reference Working Pressure	Motor Power		Free Air Delivery @ reference conditions			Noise Level	Cooling Air flow	Weight	
Model	BAR	PSI	kW	hp				dB(A)	m³/h	FM	FM D
					m³/h	l/s	cfm			kg	
DRB 30*	7,5	109	22	30	232	65	137	68	2300	445	520
	8,5	123			219	61	129				
	10	145			199	55	117				
	13	189			172	48	101				
DRB 35	7,5	109	26	35	271	75	160	69	4800	460	535
	8,5	123			258	72	152				
	10	145			236	66	139				
	13	189			205	57	120				
DRB 40	7,5	109	30	40	328	91	193	70	4800	560	681
	8,5	123			300	83	177				
	10	145			275	76	162				
	13	189			240	67	141				
DRB 50	7,5	109	37	50	367	102	216	71	4800	623	744
	8,5	123			339	94	199				
	10	145			304	84	179				
	13	189			275	76	162				

* Available only 400 V 50Hz - IEC - CE

Variable speed

VARIABLE SPEED	Min. working pressure	Max. working pressure	Motor power		Free Air Delivery @ reference conditions								Noise level	Cooling air flow	Weight	
					Min FAD *				Max. FAD *							
Model	BAR / PSI	BAR / PSI	kW	hp	7 bar		5 bar		7 bar		10 bar		12,5 bar		FM	FM D
					m³/h	l/s	m³/h	l/s	m³/h	l/s	m³/h	l/s	m³/h	l/s	kg	
DRB 30 IVR*	5,5-80	13-188	22	30	46	13	250	69	243	68	211	59	176	49	434	503
DRB 35 IVR	5,5-80	13-188	26	35	46	13	290	81	277	77	247	69	205	57	444	513
DRB 40 IVR	5,5-80	13-188	30	40	60	17	348	97	327	91	289	80	243	68	492	607
DRB 50 IVR	5,5-80	13-188	37	50	64	18	380	106	360	100	325	90	265	74	514	629

* Available only 400 V 50Hz - IEC - CE

Dimensions

	DIMENSIONS			
Model	width mm	height mm	length IVR mm	length IVR + dryer mm
DRB 30 DRB 35	830	1555	1320	1320
DRB 40 DRB 50				1810

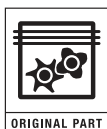


Oil injected screw
compressors, gear
and direct driven

DRB and DRB IVR



- 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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Contact your local Ceccato representative now!

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