SUCCESS THROUGH QUALITY

EKO CD
90 KW - 315 KW

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EKOMAK®

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EKO CD
90-160

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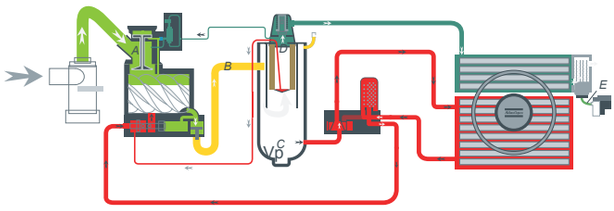
EKO CD 90-160

The superior screw element provides the optimum combination of maximum free air delivery and low energy consumption. The state-of-the-art compressor element is powered by Efficiency class 1/NEMA IE3 electric motors, contributing to maximum package efficiency. Through continuous investment in our competent R&D department, ensures superior customer value by maximizing productivity.

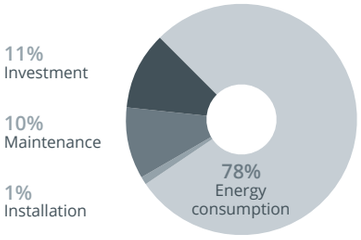
HIGH-EFFICIENCY MOTOR



A | Intake air
B | Air/oil mixture
C | Oil
D | Wet compress air
E | Condensate

L-UNL COMPR

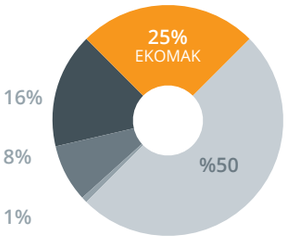
Fix speed instead of conventional



In a 5 year life cycle, total cost of compressed air producing include 78% energy cost if used a standard compressor

VST COMPR

VST series compressors



36% of the energy is saved, which means a reduction of 25% of the total cost of ownership

VARIABLE SPEED DRIVE; EKOMAK IS DELIVERING YOU THE SAVING...

Our compressors continuously monitor the air requirement through feedback sensors and adjust the working system to keep the pressure at constant level. This prevents the energy loses during load and idle conditions.

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GRAPHS ON THE ES4000 ADVANCED

From now onwards, your compressor or dryer, will offer you more monitoring possibilities. The new ES4000 Advanced is equipped with graph functionality on the screen of the compressor controller. Graphs on the ES4000 Advanced screen will enable you to see in a glance how the comperssor has been operating in the configured timescale.

STATE-OF-THE-ART SCREW ELEMENT

- Patented asymmetric element profile and innovatively designed bearings offer low wear and high reliability.
- Thanks to the perfect performance of the screw element, energy consumption is reduced by 5-6%. Efficient air-oil separation
- Reduction of pressure drops and energy costs.
- Low oil consumption ensures minimal maintenance costs and long compressor lifetime. Easy to install, use and service.
- Assures constant optimized pressure in the system resulting in high energy savings.
- Simple, maintenance-free set-up with few moving parts. Air-water separator (standard).
- Aftercooler with integrated air-water separator efficiently separates condensate and provides high quality compressed air.
- TEFPC IP55 motor (Class F insulation B rise) protects against dust and chemicals.
- Long-term stable operation even in harsh environments up to 40°C (104°F).

MODEL	FAD (m³/min)				POWER	NOISE LEVEL	CONNECTION	DIMENSIONS (mm)	WEIGHT
	7 bar	8 bar	10 bar	13 bar	kW/hp	dB(A)	size	L x W x H	(kg)
EKO90	16.3	16.3	14.5	11.8	90/125	76	G2“	2259 x 1060 x 1594	1570
EKO110	22.9	22.4	19.5	15.8	110/150	79	G2“	2255 x 1230 x 1600	1920
EKO132	25.3	23.8	21	18.1	132/180	78	DN80	2845 x 1750 x 1930	3300
EKO160	28.3	27	25.2	21.9	160/220	78	DN80	2845 x 1750 x 1930	3350
EKO200	34.2	32.8	30.2	27	200/270	79	DN100	3500 x 1750 x 1985	3850
EKO250	40.2	38.7	36.6	32.7	250/340	80	DN100	3500 x 1750 x 1985	4050
EKO250S	46.1	42.3	39.4	NA	250/340	80	DN125	4800 x 2150 x 2250	5895
EKO315	52.3	52.3	48.2	NA	315/422	82	DN150	5100 x 2150 x 2250	6380

MODEL	FAD (m³/min)				POWER	NOISE LEVEL	CONNECTION	DIMENSIONS (mm)	WEIGHT
	7 bar	8 bar	10 bar	13 bar	kW/hp	dB(A)	size	L x W x H	(kg)
EKO90VST	15,1	15,1	13,4	11	90/125	76	G2"	2259X1060X1594	1650
EKO110VST	22,9	22,4	19,5	15,8	110/150	79	G2"	2455X1230X1600	2070
EKO132VST	25,3	23,8	21	18,1	132/180	78	DN80	2845X1750X1930	3580
EKO160VST	28,3	27	25,2	21,9	160/220	78	DN80	2845X1750X1930	3630
EKO200VST	34,2	32,8	30,2	27	200/270	79	DN100	3600X2100X2030	4160
EKO250VST	40,2	38,7	36,6	32,7	250/340	80	DN100	3600X2100X2030	4390

Kapasite 1 Bar ve 20C emiş sıcaklığında ISO1217 ED3, EK C-2010'YE göre ölçülmüştür.

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TECHNICAL DATA

GENERAL	STANDARD	ADVANCED
DISPLAY	Icon based	Graphic
DIGITAL INPUTS	4	10
ANALOG INPUTS	4	7
DIGITAL OUTPUTS	6	9
IO EXPANDABLE	NA	*
4 LED STATUS INDICATION (ALARM / SERVICE / RUNNIGN / POWER ON)	•	•
ETHERNET CONNECTION SLOT	•	•
CAN CONNECTION SLOT	1	2
SD CARD SLOT	NA	•
RS485	NA	1
FEARURES	**STANDART**	**ADVANCED**
NARROW PRESSURE CONTROL	•	•
DUAL PRESSURE SETPOINT (4)	•	•
REGISTRATION RUNNING CONDITONS	•	•
PRE WARMING INDICATION	•	•
REMOTE CONTROL	•	•
AUTO RESTART AFTER VOLTAGE FAILURE	•	•
DRYER SAVER CYCLE (3)	•	•
DELAY SECOND STOP (2)	•	•
DAY / WEEK ORGANIZER	NA	•
GRAPCIH SERVICE PLAN INDICATOR (5)	NA	•
FREE ONLINE COMPRESSOR VISUALISATION VIA INTRANET (BROWSER BASED) (6)	•	•
ECO4I MULTI COMPRESSOR CONTROL	NA	optional
ECO6I MULTI COMPRESSOR CONTROL	NA	optional
SMS SERVICE	optional	optional
REMOTE PRESSURE SENSING	NA	optional
GRAPHS ON THE CONTROLLER SCREEN (1)	NA	•

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EKO CD
200-315

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EKO CD 200-315

New EKO CD / VST Series Screw Air Compressors are gear drive fixed and variable speed compressors, enables maximum energy efficiency and minimum maintenance costs. EKO CD VST is frequency inverter series compressors. Variable speed compressors with possible energy savings of up to 36%. This means a savings of 25% at your total cost.

ADVANTAGES

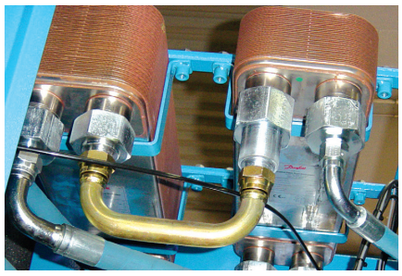
- Lowest total cost of ownership
- Easy to transport
- Operator & Environmental friendly
- Comprehensive monitoring
- Reliable design
- Long lifetime

OPTIONS

- IVR option
- "Water cooled" unit
- Installed Energy Recovery
- Tropical Environment
- Customer Colour
- Multi-Compressor
- Management System

FEATURES

- Compact Design
- Low noise output
- Electronic multi function controller
- IVR option
- Less footprint
- Easy access and service of machine
- Energy



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Contact your local Ekomak representative now: www.ekomak.com.

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