



ENERGY RECOVERY SYSTEM

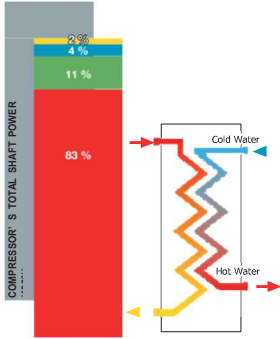
Heat is generated when air is compressed. This excess heat can be captured with the energy recovery option and directed to other applications, allowing you to save energy and reduce costs. The energy recovery option integrates an oil circuit that can heat the continuous pressurized water flow with a heat exchanger. The system operates automatically, and in cases where the water cooling capacity decreases, the compressor's standard cooling system operates and backs up the energy recovery device.



HEAT RECOVERY

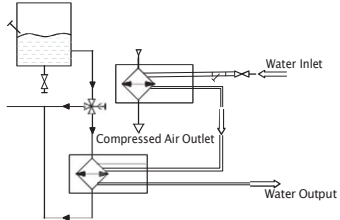
Only 15% of the energy expended with the compressor can be converted into compressed air and 85% is emitted as heat. The Ekomak Heat Recovery systems is connected to the compressor to recover this energy.

- Heating of administrative buildings and offices
- Heating water in laundries and paint shops
- Pre-heating boiler feed water
- Pre-heating boiler combustion air



WATER COOLING

Water-cooled compressor option available for all models 14 kW and above. Water-cooled compressors are generally selected for places where the ambient temperature is high and coolant is easily available.



- Compressor's total shaft power
- Energy converted to heat and transferred to oil
- Energy converted into compressed air
- Heat energy remaining in compressed air
- Lost energy as a result of heat radiation

SUCCESS
THROUGH
QUALITY



EKO
30-75 CD
30-75 CD VST



EKO 30-75 CD 30-75 CD VST

Ekomak was founded in Istanbul in 1992 and is an Atlas Copco member since 2012. The combination of its employees' experience in the compressor market and understanding of customer expectations has always been the driving force behind the development of our products. The product range which has emerged as a result fully meets the demands of our customers and the specifications they look for.

In addition, our ability to provide 24/7 servicing through our service network consolidates our strong position in the market.



EKO 30-75 CD



NEXT GENERATION SCREW BLOCK

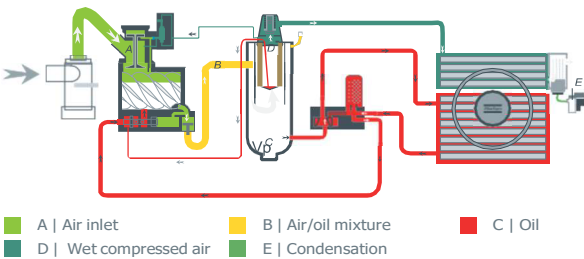
- Superior performance and efficiency.
- Improved rotor profile, reduced pressure losses.
- Screw blocks in the main body designed and manufactured in Belgium.
- Integrated direct transmission.
- Minimal transmission loss thanks to the connection of the coupling, direct motor and screw group.



FULL CONTROL WITH JUST A FEW TOUCHES

The ES 4000 control module provides easy access to the main menu and all of its contents. On top of that, four compressors with the same ES4000 graphic control module offer communication, programming, simultaneous aging, standard service hours programming and alert, emergency

stop logging and reporting features to the user.



FIXED SPEED

MODEL	CAPACITY (m³/minute)				MOTOR POWER kW/hp	NOISE LEVEL dB(A)	CONNECTION DIAMETER (inch)	DIMENSIONS (MM) Length x Width x Height	WEIGHT AIR-COOLED (kg)	WEIGHT WATER-COOLED (kg)
	7 bar	8 bar	10 bar	13 bar						
EKO 30 CD	5.61	5.26	4.76	4	30/40	74	1 1/4	1520X1130X1430	795	795
EKO 37 CD	6.8	6.33	5.84	4.85	37/50	74	1 1/4	1520X1130X1430	875	875
EKO 45 CD	7.92	7.61	7.08	6.03	45/60	74	1 1/2	1750X1150X1690	1000	1000
EKO 55 CD	9.89	9.3	8.65	7.44	55/75	74	1 1/2	2090X1355X1755	1315	1315
EKO 75 CD	12.91	12.38	11.13	9.79	75/100	75	2	2270X1060X1600	1400	1400
EKO 75 SCD	14.61	13.79	12.27	10.32	75/100	75	2	2270X1060X1600	1500	1500

The values in the table are determined in Accordance with ISO 1217 3rd edition 2010 standards.

EKO 30-75 CD VST



IMPERIUM- INVERTER TECHNOLOGY

Robust industrial design and IP5X protection. Industrial design customized for screw compressor applications. Blocks in the main body designed and manufactured in Belgium.



INTEGRATED WATER SEPERATOR

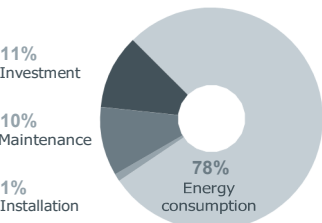
The compressor outlet has a "No Loss" automatic discharged water separator that can hold 90% of the condensed water. With this, it is possible to discharge the accumulated water without losing any compressed air.

VARIABLE SPEED DRIVE: EKOMAK BRINGS YOU SAVINGS...

Our compressors continuously monitor the air demand through feedback sensors, adjusting the operating system to keep the pressure constant. This prevents energy loss in load and idle conditions.

LOAD/UNLOAD COMPRESSOR

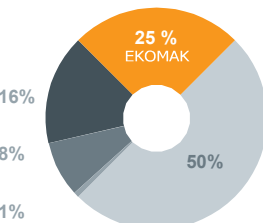
Fixed speed, unlike traditional compressors



Over a 5-year lifetime, the total cost of compressed air production includes 78% energy costs if a standard compressor is used.

VARIABLE SPEED

Vst series compressors



Energy savings of 36% result in a 25% reduction in total cost of ownership

VARIABLE SPEED

MODEL	CAPACITY (m³/minute)				MOTOR POWER kW/hp	NOISE LEVEL dB(A)	CONNECTION DIAMETER (inch)	DIMENSIONS (MM) Length x Width x Height	WEIGHT AIR-COOLED (kg)	WEIGHT WATER-COOLED (kg)
	7 bar	8 bar	10 bar	13 bar						
EKO 30 CD VST	2.2 / 5.61	2.03 / 5.26	1.8 / 4.76	1.45 / 4	30/40	74	1 1/4	1800x1130x1430	800	800
EKO 37 CD VST	2.7 / 6.8	2.47 / 6.33	2.25 / 5.84	1.8 / 4.85	37/50	74	1 1/4	1800x1130x1430	880	880
EKO 45 CD VST	3.14 / 7.92	3.01 / 7.61	2.77 / 7.08	2.3 / 6.03	45/60	74	1 1/2	1900x1150x1690	1015	1015
EKO 55 CD VST	4.08 / 9.89	3.85 / 9.3	3.36 / 8.65	2.88 / 7.44	55/75	74	1 1/2	2090X1355X1755	1365	1365
EKO 75 CD VST	5.28 / 12.91	5.04 / 12.38	4.38 / 11.13	3.84 / 9.79	75/100	75	2	2270X1060X1600	1440	1440
EKO 75 SCD VST	5.52 / 14.61	5.16 / 13.79	4.5 / 12.27	3.6 / 10.32	75/100	75	2	2270X1060X1600	1540	1540

The values in the table are determined in accordance with ISO 1217 3rd edition 2010 standards.