

## NEW SERIES DMD 400-1000 30 kW - 75 kW



**MORE** Reliability  
Efficiency



## EASY OPERATION & FULL CONTROL WITH JUST A FEW CLICKS



ES 4000 STANDARD controller for fixed speed units:

- Intelligent unload cycles
- Constant pressure follow-up
- Automatic restart after power failure

ES4000 ADVANCED (graphic) controller for variable speed units:

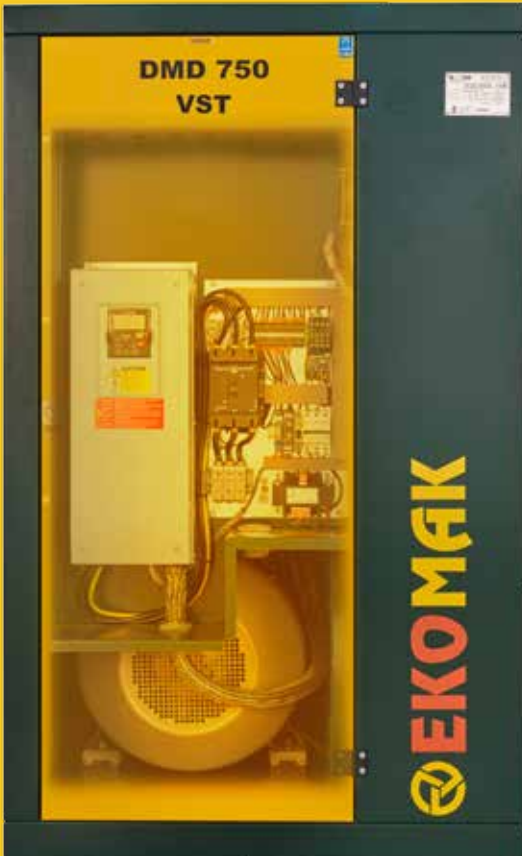
- All standard controller features
- Wide choice of timers
- An integrated central controller

## SILENT AND COMFORTABLE OPERATION



Thick noise-attenuating foam is applied inside all panels, corners and roof.

Together with a new silent axial fan this ensures ultra-silent and comfortable operation.



Ekomak Company was founded in 1992 in Istanbul. Customer expectations have always driven product development, resulting in a portfolio which fulfils your compressed air needs and offers you the value you are looking for.

Additionally, thanks to our global service network and 24/7 availability, we make sure to be at your service at all times.

Our product design is innovative and user-friendly, offering features such as small footprint and low noise level to respond to customers' expectations in terms of space-saving and silent workplace for continuous and heavy working conditions.

# NEW SERIES

# DMD 400-1000

# 30 kW - 75 kW





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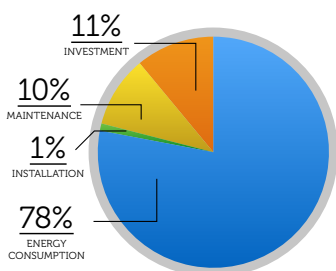
MODEL	Capacity (m <sup>3</sup> /min)			Motor kW/HP	Motor Class	Compressor Air Outlet	Dimensions W x L x H (mm)	Weight (kg)
	8 Bar	10 Bar	13 Bar					
DMD 400C	4,20	3,70	3,20	30/40	IE3	1"	1195 x 920 x 1590	580
DMD 400SC	5,35	5,00	4,30	37/50	IE3	1"	1195 x 920 x 1590	600
DMD 500C	6,20	5,50	4,30	37/50	IE3	1 1/4"	1195 x 920 x 1590	655
DMD 600C	7,10	6,20	5,40	45/60	IE3	1 1/2"	1300 x 1020 x 1765	920
DMD 750C	9,30	8,20	7,00	55/75	IE3	1 1/2"	1300 x 1020 x 1765	1000
DMD 1000C	13,00	11,00	9,50	75/100	IE3	2"	1550 x 1325x 1800	1325

MODEL	Capacity (m <sup>3</sup> /min)						Motor kW /HP	Compressor Air Outlet	Dimensions W x L x H (mm)	Weight (kg)
	8 Bar		10 Bar		13 Bar					
	min.	max.	min.	max.	min.	max.				
DMD 400C VST	1,50	4,20	1,30	3,70	1,10	3,20	30/40	1"	1195 x 920 x 1590	610
DMD 500C VST	2,00	6,20	1,90	5,50	1,50	4,30	37/50	1 1/4"	1195 x 920 x 1590	690
DMD 600C VST	2,50	7,10	2,10	6,20	1,80	5,40	45/60	1 1/2"	1300 x 1020 x 1765	960
DMD 750C VST	3,35	9,30	2,85	8,20	2,35	7,00	55/70	1 1/2"	1300 x 1020 x 1765	1060
DMD 1000C VST	4,60	13,00	3,90	11,00	3,30	9,50	75/100	2"	1550 x 1325x 1800	1390

The capacity was measured at 1 Bar and 20°C inlet temperature according to ISO1217 ED3, ANNEX C-2010.

### FIXED SPEED CONTROL

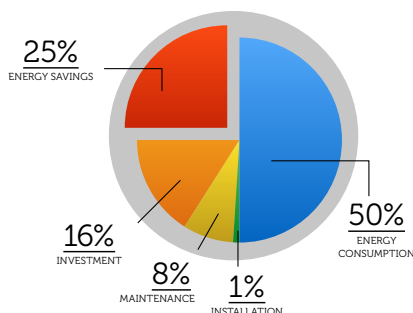
LOAD-UNLOAD REGULATION



» For a 5 years lifetime, the total cost of compressed air production represents 78% of energy costs, if a fixed speed compressor is used.

### VARIABLE SPEED CONTROL

FREQUENCY INVERTER REGULATION (IVR)



» With the use of a variable speed compressor, 36% of energy is saved, which represents 25% reduction in total costs of ownership

**With the Variable speed drive, Ekomak makes you save ENERGY & MONEY !**

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 required for the customer's application at a specific moment. The net pressure is maintained by the use of a frequency inverter. This results in considerable energy and cost savings preventing energy losses at the load and unload cycles.

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