

# DMD SERIES

## BELT/ROLLER COMPRESSORS

### 2.2 kW - 22 kW

The Ekomak DMD Series models can be used in three different configurations as tank top, dryer- integrated, or straight compressor. The air tanks are arranged horizontally in 200 lt, 270 lt, and 500 lt volumes, depending on their capacities.

DMD compressors set new standards for operational power, quality, operational safety, service life, and user comfort.



## USER ADVANTAGES:

### EASY TO SERVICE

- All components to be serviced are placed under the same cover.
- Safe and fast service.
- Reduced service costs.

### INCREASED EFFICIENCY.

- Extremely efficient screw group that has been tested under harsh conditions.
- Reduced energy consumption thanks to Eff1 Electric motor class F insulation and IP55 protection.
- Oil separator designed to provide minimum pressure drop and to carry less than 3 ppm of oil.

### COMPACT DESIGN

- Major gains in mounting space with tank-mounted models.
- Large integrated Freon gas dryer simplifies your installation and provides high quality compressed air.

### USER COMFORT

- Advantage of installation close to the workplace thanks to its low noise level.
- Easy oil level check with external oil level sight glass.
- Streamlined service thanks to easily removable panels.

### ALWAYS AT YOUR SERVICE

- Efficient filtration.
- Powerful fan.
- Large cooler providing a better cooling flow.

# SUCCESS THROUGH QUALITY



DMD SERIES  
BELT/ROLLER COMPRESSORS

2.2 kW - 22 kW



# DMD 30 - 75 SERIES

## 2.2 KW - 5.5 KW

The Ekomak DMD Series has the latest technologies to meet all the possibilities of today's screw compressor applications. With our DMD Series compressors, we can offer all the reliability you expect from Ekomak. The DMD Series **belt-driven** compressors are small but packed with huge advantages thanks to their many features and standard options, and have been designed to fit into small- and medium-sized businesses.

Reduce your footprint and operating costs, minimize your installation costs, and save space with our integrated configurations in our optional CR (air tank integrated) and CRD (dryer and air tank integrated) series. Since our 2.5 to 5.5 kW compressors, which are easy to install and use and are perfectly compatible with all system components, are integrated with the dryer and air tank, not only do you need less space to operate it, you also get compressed air at maximum efficiency, so you save twice.



### DMD 30 - 75 SERIES TECHNICAL SPECIFICATIONS

MODEL	CAPACITY (m³/min)			MOTOR POWER kW/hp	MOTOR Class	CONNECTION Diameter	TANK VOLUME lt	DIMENSIONS (mm.) Width x Length x Height	WEIGHT 270 lt Tank (kg)
	7 bar	8 bar	10 bar						
DMD 30C	0.35	0.33	0.29	2.2/3	IE3	1/2"	270	753 X 506 X 725	127
DMD 30CR	0.35	0.33	0.29	2.2/3	IE3	1/2"	270	1570 X 753 X 1520	170
DMD 30CRD	0.35	0.33	0.29	2.2/3	IE3	1/2"	270	1570 X 753 X 1520	200
DMD 40C	0.45	0.42	0.38	3/4	IE3	1/2"	270	753 X 506 X 725	134
DMD 40CR	0.45	0.42	0.38	3/4	IE3	1/2"	270	1570 X 753 X 1520	177
DMD 40CRD	0.45	0.42	0.38	3/4	IE3	1/2"	270	1570 X 753 X 1520	208
DMD 55C	0.59	0.56	0.50	4/5.5	IE3	1/2"	270	753 X 506 X 725	145
DMD 55CR	0.59	0.56	0.50	4/5.5	IE3	1/2"	270	1570 X 753 X 1520	188
DMD 55CRD	0.59	0.56	0.50	4/5.5	IE3	1/2"	270	1570 X 753 X 1520	228
DMD 75C	0,80	0.78	0.69	5.5/7.5	IE3	1/2"	270	753 X 506 X 725	155
DMD 75CR	0,80	0.78	0.69	5.5/7.5	IE3	1/2"	270	1570 X 753 X 1520	198
DMD 75CRD	0,80	0.78	0.69	5.5/7.5	IE3	1/2"	270	1570 X 753 X 1520	238

C\* Compressor CR\*\* Compressor + Air Tank CRD\*\*\* Compressor + Air Tank + Dryer

# DMD 100 - 300 SERIES

## 2.2 KW - 22 KW

### INNOVATIVE DESIGN, CONVENIENT CHOICES



#### MORE INSTALLATION FLEXIBILITY

With its tank-underneath design, it can fit in the smallest possible space and work with much lower noise levels.

#### PRACTICAL STANDARD FEATURES

With its standard features, this series gives you high-quality compressed air and saves you energy in your production beyond its standards.

#### LOWER MAINTENANCE COSTS

Easily checked units provide easy access to components. Designed to be maintained in a short time.

### DMD 100 - 300 SERIES TECHNICAL SPECIFICATIONS

MODEL	CAPACITY (m³/min)		MOTOR POWER	MOTOR	CONNECTION	TANK VOLUME	DIMENSIONS (mm.)	WEIGHT 500 lt Tank
	8 bar	10 bar	kW/hp	Class	Diameter	lt	Width x Length x Height	(kg)
DMD 100C	1.09	0.95	7.5/10	IE3	3/4"	500	590 X 810 X 975	190
DMD 100CR	1.09	0.95	7.5/10	IE3	3/4"	500	590 X 1900 X 1470	305.5
DMD 100CRD	1.09	0.95	7.5/10	IE3	3/4"	500	590 X 1900 X 1470	359.5
DMD 150C	1.56	1.34	11/15	IE3	3/4"	500	590 X 810 X 975	200
DMD 150CR	1.56	1.34	11/15	IE3	3/4"	500	590 X 1900 X 1470	315.5
DMD 150CRD	1.56	1.34	11/15	IE3	3/4"	500	590 X 1900 X 1470	369.5
DMD 200C	2.48	2.24	15/20	IE3	1"	500	780 X 1130 X 1220	320
DMD 200CR	2.48	2.24	15/20	IE3	1"	500	780 X 1950 X 1850	452.5
DMD 200CRD	2.48	2.24	15/20	IE3	1"	500	780 X 1950 X 1850	506.5
DMD 250C	3.06	2.58	18.5/25	IE3	1"	500	780 X 1130 X 1220	335
DMD 250CR	3.06	2.58	18.5/25	IE3	1"	500	780 X 1950 X 1850	467.5
DMD 250CRD	3.06	2.58	18.5/25	IE3	1"	500	780 X 1950 X 1850	521.5
DMD 300C	3.62	3.12	22/30	IE3	1"	500	780 X 1130 X 1220	355
DMD 300CR	3.62	3.12	22/30	IE3	1"	500	780 X 1950 X 1850	487.5
DMD 300CRD	3.62	3.12	22/30	IE3	1"	500	780 X 1950 X 1850	541.5

C\* Compressor CR\*\* Compressor + Air Tank CRD\*\*\* Compressor + Air Tank + Dryer

### DIMENSIONS OF OPTIONAL 270 LT. TANK

MODEL	DIMENSIONS (mm.)	WEIGHT 270 lt Tank
	Width x Length x Height	(kg)
DMD 100C	590 X 810 X 975	190
DMD 100CR	590 X 1900 X 1470	263.5
DMD 100CRD	590 X 1900 X 1470	317.5
DMD 150C	590 X 810 X 975	200
DMD 150CR	590 X 1900 X 1470	273.5
DMD 150CRD	590 X 1900 X 1470	327.5



# DMD 30 - 75 SERIES

## 2.2 KW - 5.5 KW

### POWERFUL AND EFFICIENT COMPONENTS

- Atlas Copco's patented rotary screw element provides 100% duty cycle.
- The complete unit is designed to operate in ambient temperatures of 46 °C/115 °F.



### EASY INSTALLATION

- Available in multiple configurations, including floor or tank mounted and with or without integrated dryer.
- Extremely small footprint and top cooling air discharge allow it to be placed against a wall or even in a corner.



The latest generation DMD series comes with an advanced electronic controller to go beyond the customer's call of duty with the powerful Ekomak rotating screw element. Advanced Monitoring Module The DMD 30-75 model's new ES4000 basic controller offers advanced monitoring and control:

- Icon based display, pressure settings, temperature reading.
- Working hours/load hours.
- Service warnings.
- Outlet pressure setting directly on the controller.
- Pressure and element outlet temperature reading.

## INTEGRATED DRYER FEATURES

THE INTEGRATED DRYER REDUCES THE TEMPERATURE OF COMPRESSED AIR TO “+3°C DEW POINT.”  
95% OF COMPRESSED AIR IS DRIED AS A RESULT

#### 1. COOLING COMPRESSOR

Electric drive motor, overcurrent and temperature protected.

#### 2. REFRIGERANT CONDENSER

Air-cooled large surface designed for high temperatures.

#### 3. IP S4 PROTECTED FAN MOTOR

For condensate air cooling.

#### 1. COOLING COMPRESSOR

Electric drive motor, overcurrent and temperature protected.

#### 4. AIR GAS EVAPORATOR

Low pressure loss and high heat transfer.

#### 5. CONDENSATE SEPARATOR

High efficiency.

#### 6. AIR-AIR EXCHANGER

Large surface provides high heat transfer.

#### 7. HOT GAS BYPASS VALVE

Anti-freeze gas regulating valve at low load.

#### 8. ELECTRONIC LEVEL CONTROL AUTOMATIC DISCHARGE

Saves energy by draining condensate water only.

#### 9. CONTROL PANEL







# GULF DYNAMIC TRADING

CONTACT OUR LOCAL REPRESENTATIVE:

## GULF DYNAMIC TRADING

Address:-Office #1011, 10th Floor,  
Al Hafeez Heights, Gulberg 3, Lahore, Pakistan  
Contact Number: 0092-42-35750324  
Mobile Number: 0092-321-4298143  
Email: [info@gdt.com.pk](mailto:info@gdt.com.pk)  
Website: [www.gdt.com.pk](http://www.gdt.com.pk)