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**DISCOVER**

C O M P R E S S O R



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**DISCOVER**  
C O M P R E S S O R

## WHY DISCOVER COMPRESSOR ?

**DISCOVER** 

DISCOVER Compressor which had gained experience in the market, keeping the customer satisfaction at the highest level and continuing manufacture with dynamic and experienced team; serve Turkish industry with its service network and market structure in the main regions in Turkey.

DISCOVER Compressor has many quality certificate and document which accepted by Turkey and institution on the world market such as ; ISO 9001 Quality Management System, ISO 14001 Environmental Management System and OHSAS 18001 Occupational Health and Safety Management System, CE and Product Safety Certification, TSEK, GOST-R

Due to quality and the customer satisfaction

Among of our products; V-belts and direct drive , oil -injected, air and water-cooled fixed and variable speed screw compressors , single and double stage reciprocating compressors, compressed air dryers , filters, groups and air tanks with vacuum pumps.



# DISCOVER

## SCREW AIR COMPRESSORS JAGUAR SERIES

2,2 Kw-37 Kw

### PRODUCT FEATURES

- Control panel with LCD Screen and microprocessor.
- Electricity Board which is appropriate for CE Standards and Regulations
- IE2 - IE3 Efficient Engines
- 7.5-10 - 13 bar working pressure
- Single Stage Oil Spray Latest Technology Screw Blog
- PI-Belt pulley driven
- High Quality Aspiration, oil and Spin-On Separator Filters
- Aluminum Plate Bar Oil Air Cooler
- Fan with Extra Motor
- Thermostatic valve for controlling the Oil Temperature
- Pressure Transmitter and Safety of Prosestat with CE Certified Safety Valve for ensuring safety of employee, company and compressor.
- Sound Isolation , Non Flammable Acoustic Cabinet
- CE Standards and Regulations conformity certificate



Due to its constantly evolving technology, high performance products and customer satisfaction; DISCOVER is the leading company in the Turkey and compressed air sector of world.



For small and medium businesses. If desired it may be added compressor and/or dryer to above the horizontal air tank. There is ease of service and its costs are very suitable. It has Spin-on separator.

Model	Engine kW / Hp	Capacity (m <sup>3</sup> /min)			Air tank liter	Out	Size (mm) L / W / H	weight kg	Volume dB(A)
		7,5 bar	10 bar	13 bar					
JAG 2	2,2 / 3	0,33	0,26	-	-	G 1/2"	58 5/850/715	125	72
JAG - T 2					300		585/1535/1430	250	
JAG - TD 2					300		585/1535/1430	290	
JAG 3	3 / 4	0,44	0,35	-	-	G 1/2"	585/850/715	130	72
JAG - T 3					300		585/1535/1430	255	
JAG - TD 3					300		585/1535/1430	295	
JAG 4	4 / 5,5	0,59	0,49	0,42	-	G 1/2"	585/850/71 5	145	72
JAG - T 4					300		585/1535/1430	270	
JAG - TD 4					300		585/1535/1430	310	
JAG 5	5,5 / 7,5	0,82	0,67	0,56	-	G 1/2"	585/850/715	150	72
JAG - T 5					300		585/1535/1430	280	
JAG - TD 5					300		585/1535/1430	330	
JAG 7	7,5 / 10	1,10	0,95	0,75	-	G 1/2"	780/1055/ 865	245	72
JAG - T 7					500		780/1835/1580	400	
JAG - TD 7					500		780/1835/1580	460	
JAG 7D	7,5 / 10	1,10	-	-	-	G 1/2"	700/1100/1000	250	72
JAG - T 7D					500		700/1835/1715	405	
JAG - TD 7D					500		700/1835/1715	465	
JAG 11	11 / 15	1,70	1,35	1,10	-	G 3/4"	780/1055/865	255	72
JAG - T 11					500		780/1835/1580	415	
JAG - TD 11					500		780/1835/1580	475	
JAG 11D	11 / 15	-	1,35	-	-	G 3/4"	700/1100/1000	260	72
JAG - T 11D					500		700/1835/1715	420	
JAG - TD 11D					500		700/1835/1715	480	
JAG 15	15 / 20	2,60	2,10	1,75	-	G 3/4"	780/1055/865	300	72
JAG - T 15					500		780/1835/1580	455	
JAG - TD 15					500		780/1835/1580	520	
JAG 18	18,5 / 25	3,10	2,70	2,30	-	G 1"	900/1100/1200	400	72
JAG - T 18					500		900/1835/1930	555	
JAG - TD 18					500		900/1835/1930	630	
JAG 22	22 / 30	3,80	3,20	2,70	-	G 1"	900/1100/1200	440	74
JAG - T 22					500		900/1835/1930	595	
EVKS-RD 22					500		900/1835/1930	670	
JAG 30	30 / 40	5,10	4,40	3,80	-	G 1"	900/1100/1200	550	74
JAG - T 30					500		900/1835/1930	710	
JAG - TD 30					500		900/1835/1930	790	
JAG 37	37 / 50	6,10	5,60	4,80	-	G 1 1/4"	1000/1200/1520	750	76

- Screw Air Compressor with JAG Spin -On separator
- Tank Mounted Screw Air Compressor with JAG-T Spin-On separator
- Tank mounted drier filter screw air compressor with JAG-TD Spin -On separator
- It is directly coupled models which defined with "D"
- Capacity has been measured in accordance with ISO 1217:2009 EK-C and indicated on the table.
- All rights reserved. DISCOVER Compressor can make changes in the table without notice.

# DISCOVER

## SCREW AIR COMPRESSORS LEOPARD SERIES

15 Kw-250 Kw



## PRODUCT FEATURES

- Control panel with LCD Screen and microprocessor.
- Electricity Board which is appropriate for CE Standards and Regulations
- IE2 - IE3 Efficient Engines
- 7.5-10 - 13 bar working pressure
- Single Stage Oil Spray Latest Technology Screw Blog
- PI-Belt pulley driven
- High Quality Aspiration, oil and Spin-On Separator Filters
- Aluminum Plate Bar Oil Air Cooler
- Fan with Extra Motor
- Thermostatic valve for controlling the Oil Temperature
- Pressure Transmitter and Safety of Prosestat with CE Certified Safety Valve for ensuring safety of employee, company and compressor.
- Sound Isolation , Non Flammable Acoustic Cabinet
- CE Standards and Regulations conformity certificate.

“Ideas and studies for energy requirement should take precautions in the future. All for “A habitable world”

# DISCOVER

For small and medium business. It has high quality equipment and designed suitable for 7/24 heavy operating conditions. There is ease of service and its costs are very suitable.

Model	Engine kW / Hp	Capacity (m <sup>3</sup> /min)			Drive system	Out	Size (mm) L / W / H	Weight kg	Volume dB(A)
		7,5 bar	10 bar	13 bar					
LEO 15C	15 / 20	2,60	-	-	direct drive	G 3/4"	850/1700/1540	385	72
LEO 18C	18,5 / 25	3,10	-	-	direct drive	G 1"	850/1700/1540	485	72
LEO 22C	22 / 30	-	3,10	-	direct drive	G 1"	850/1700/1540	525	74
LEO 45	45 / 60	7,20	6,20	5,80	belt and pulley	G 1 1/2"	1200/1000/1800	895	74
LEO 45S	45 / 60	8,10	6,60	5,80	belt and pulley	G 1 1/2"	1200/1000/1800	965	74
LEO 45SC	45 / 60	8,00	-	-	direct drive	G 1 1/2"	1900/1050/1450	1000	73
LEO 55	55 / 75	9,80	8,60	7,00	belt and pulley	G 1 1/2"	1300/1200/1900	1175	75
LEO 55C	55 / 75	-	8,50	-	direct drive	G 1 1/2"	2200/1200/1510	1250	75
LEO 75	75 / 100	12,00	10,60	9,40	belt and pulley	G 2"	1850/1360/1 940	1600	76
LEO 75S	75 / 100	13,70	11,70	10,60	belt and pulley	G 2"	1850/1360/1940	1840	76
LEO 75SC	75 / 100	-	11,80	-	direct drive	G 2"	2350/1400/1780	1900	76
LEO 90	90 / 125	15,80	13,50	12,20	belt and pulley	G 2"	1850/1360/1940	2100	76
LEO 110	110 / 150	18,20	15,80	14,20	belt and pulley	G 2"	2100/1500/1950	2450	77
LEO 110S	110 / 150	19,20	16,50	14,30	belt and pulley	G 2"	2100/1500/1950	2700	77
LEO 132	132 / 180	23,30	19,50	16,90	belt and pulley	DN 80	2510/1900/1910	3480	78
LEO 132C	132 / 180	23,40	-	-	direct drive	DN 80	3400/1650/2060	3520	78
LEO 160	160 / 220	27,80	23,60	19,80	belt and pulley	DN 80	2510/1900/1910	3560	78
LEO 160C	160 / 220	-	23,20	-	direct drive	DN 80	3400/1650/2060	3600	78
LEO 200	200 / 270	35,00	29,10	23,60	belt and pulley	DN 100	3050/23 50/2500	5150	79
LEO 250	250 / 340	43,80	37,20	31,00	belt and pulley	DN 100	3050/2350/2500	5850	80
LEO 250C	250 / 340	43,90	-	-	direct drive	DN 100	4000/2100/2500	5900	80

- It is directly coupled models which defined with "C"
- Capacity has been measured in accordance with ISO 1217:2009 EK-C and indicated on the table.
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# DISCOVER

## SCREW AIR COMPRESSORS PANTHER SERIES

7 Kw-250 Kw



### PRODUCT FEATURES

- Control panel with LCD Screen and microprocessor.
- Electricity Board which is appropriate for CE Standards and Regulations
- IE2 - IE3 Efficient Engines
- 7.5-10 - 13 bar working pressure
- Single Stage Oil Spray Latest Technology Screw Blog
- PI-Belt pulley driven
- High Quality Aspiration, oil and Spin-On Separator Filters
- Aluminum Plate Bar Oil Air Cooler
- Fan with Extra Motor
- Thermostatic valve for controlling the Oil Temperature
- Pressure Transmitter and Safety of Prosestat with CE Certified Safety Valve for ensuring safety of employee, company and compressor.
- Sound Isolation , Non Flammable Acoustic Cabinet
- CE Standards and Regulations conformity certificate.



The best energy management strategy is getting a new more efficient compressor for businesses which use an old compressor or compressor system...

For small, medium and large - scale business. It has high quality capacity controlled direct drive equipment and designed suitable for 7/24 heavy operation conditions. It is designed to minimize energy costs of businesses.

Model	Engine kW / Hp	Capacity (m <sup>3</sup> /min)			Drive system	Out	Size (mm) L / W / H	Weight kg	Volume dB(A)
		7,5 bar	10 bar	13 bar					
PANT 7	7 / 10	0,33-1,10	0,29-0,95	0,23-0,75	belt and pulley	G 1/2"	780/1150/865	270	74
PANT11	11 / 15	0,51-1,70	0,40-1,35	0,33-1,10	direct drive	G 3/4"	780/1100/1000	280	74
PAN 15	15 / 20	0,78-2,60	0,66-2,20	0,57-1,90	direct drive	G 3/4"	850/1700/1540	500	74
PAN 18	18,5 / 25	0,93-3,10	0,81-2,70	0,69-2,30	direct drive	G 1"	850/1700/1540	610	74
PAN 22	22 / 30	1,14-3,80	0,96-3,20	0,87-2,90	direct drive	G 1"	850/1700/1240	650	74
PAN 30	30 / 40	1,56-5,20	1,32-4,40	1,23-4,10	direct drive	G 1"	850/1700/1240	800	75
PAN 37	37 / 50	1,89-6,30	1,68-5,60	1,56-5,20	direct drive	G 1 1/4"	1900/1050/1450	930	76
PAN 45	45 / 60	2,43-8,10	2,13-7,10	1,92-6,40	direct drive	G 1 1/2"	1900/1050/1450	1130	79
PAN 55	55 / 75	2,94-9,80	2,58-8,60	2,40-8,00	direct drive	G 1 1/2 "	2200/1200/1510	1700	79
PAN 75	75 / 100	4,14-13,80	3,63-12,10	3,24-10,80	direct drive	G 2"	2350/1400/1780	1830	78
PAN 90	90 / 125	4,74-15,80	3,93-13,10	3,60-12,00	direct drive	G 2"	2350/1400/1780	2100	79
PAN 110S	110 / 150	5,85-19,50	5,04-16,80	4,41-14,70	direct drive	G 2"	2900/1500/2030	2950	79
PAN 132	132 / 180	6,93-23,10	6,15-20,50	⊠	direct drive	DN 80	3400/1650/2060	3700	78
PAN 160	160 / 220	8,34-27,80	7,08-23,60	⊠	direct drive	DN 80	3400/1650/2060	3900	78
PAN 200	200 / 270	10,59-35,50	8,82-29,40	7,08-23,60	direct drive	DN 100	4000/2100/2500	5700	79
PAN 250	250 / 340	12,99-43,30	10,95-36,50	8,46-28,20	direct drive	DN 100	4000/2100/2500	6100	79

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# DISCOVER

## RECIPROCATING AIR COMPRESSORS CHETAH SERIES



Single and double stage reciprocating air compressors are manufactured for working successfully in different application areas. It is designed for users at all levels easily. Due to high performance and high quality parts; there will be low operating cost and long period maintenances.



Model	Air tank lt	Engine Hp	Voltage	Air intake lt / min	Pressure kg / cm <sup>2</sup>	Cylinder	
						piece	Dia. (mm)
CHE100MX	100	1,5	220	225	8	1	70
CHE100TX	100	1,5	380	225	8	1	70
CHE200MA	200	3	220	450	8	2	2x70
CHE200TA	200	3	380	450	8	2	2x70
CHE300M	300	4	220	530	8	2	2x90
CHE300T	300	4	380	530	8	2	2x90
CHE300TA	300	5,5	380	850	8	2	2x110
CHE500TS	500	5,5	380	850	8	2	2x110
CHE500T	500	7,5	380	1050	8	2	2x110
CHE500TL	500	7,5	380	1450	8	2	2x125
CHE500TXE	500	7,5	380	1450	8	3	3x110
CHE500TX *	500	10	380	1600	8	3	3x100
CHE500TXL *	500	10	380	1900	8	3	3x125
CHE500TXLA *	500	15	380	2100	8	3	3x125
CHE800TXL *	800	10	380	1900	8	3	3x125
CHE800TXLA *	800	15	380	2100	8	3	3x125
CHE1000TX *	1000	10	380	1600	8	3	3x110
CHE1000TXL *	1000	10	380	1900	8	3	3x125
CHE1000TXLA *	1000	15	380	2100	8	3	3x125
CHE200TK	200	5,5	380	450	15	2	110-70
CHE350TX	350	5,5	380	450	15	2	110-70
CHE500TKE	500	7,5	380	550	15	2	125-70
CHE500TK *	500	10	380	820	15	3	3x110

- The (\*) marked reciprocating compressors are working with star delta panel.
- Capacity has been measured in accordance with ISO 1217:2009 EK-C and indicated on the table
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# DISCOVER

**INVERTER**  
Heavy duty Type

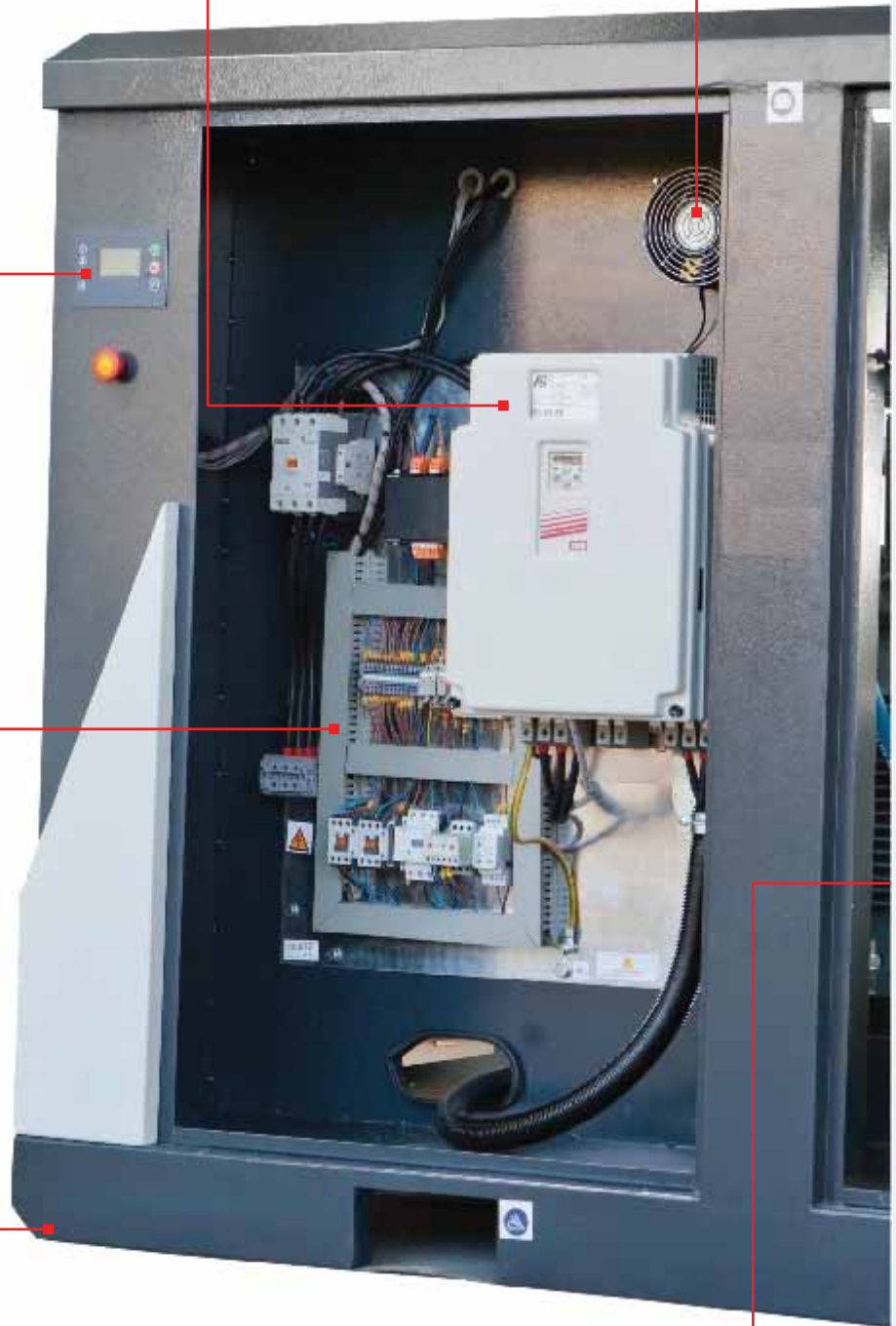
**COOLING FAN**  
Electric Panel cooling  
System

**MICRO  
PROCESSOR**  
LCD Display  
Control Panel

**ELECTRIC PANEL**  
It has all kinds safety  
hardware which selected  
by CE Certified World  
Class Brands

**COMPRESSOR  
CABINET**  
Ease of service  
Mono block acoustic  
Nonflammable

**ELECTRIC MOTOR**  
It is protected by IP55 which is saving  
energy.  
IE2 - IE3 CE Certified Efficient Induction  
Motors



# DISCOVER

**AIR FILTER SLEEVE**  
Dry Air Filter

**THERMO  
STATIC OIL  
FILTER**

**MINIMUM  
PRESSURE  
VALVE**

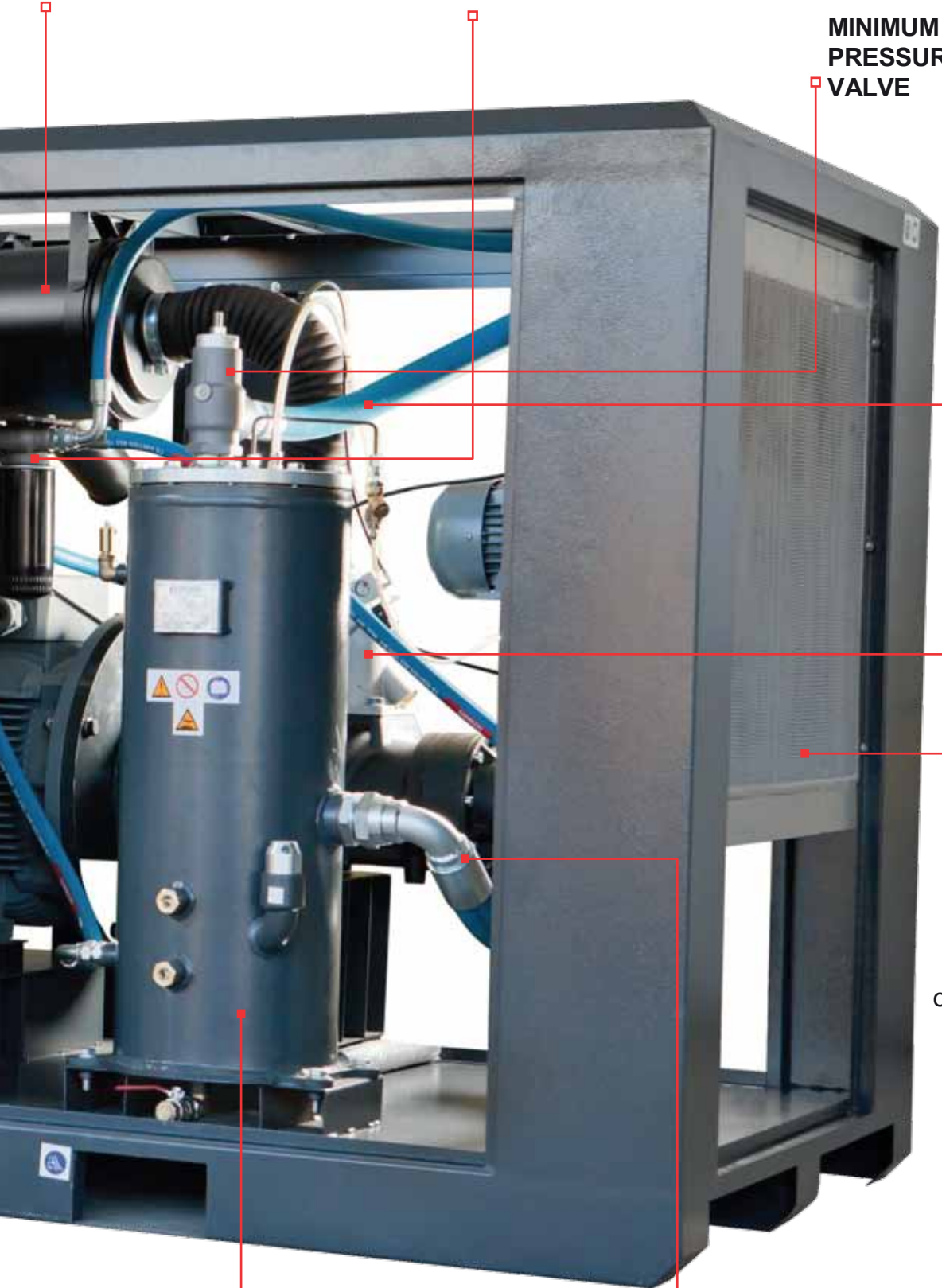
**HYDRAULIC  
HOSE**  
Pressure and  
hot resistance

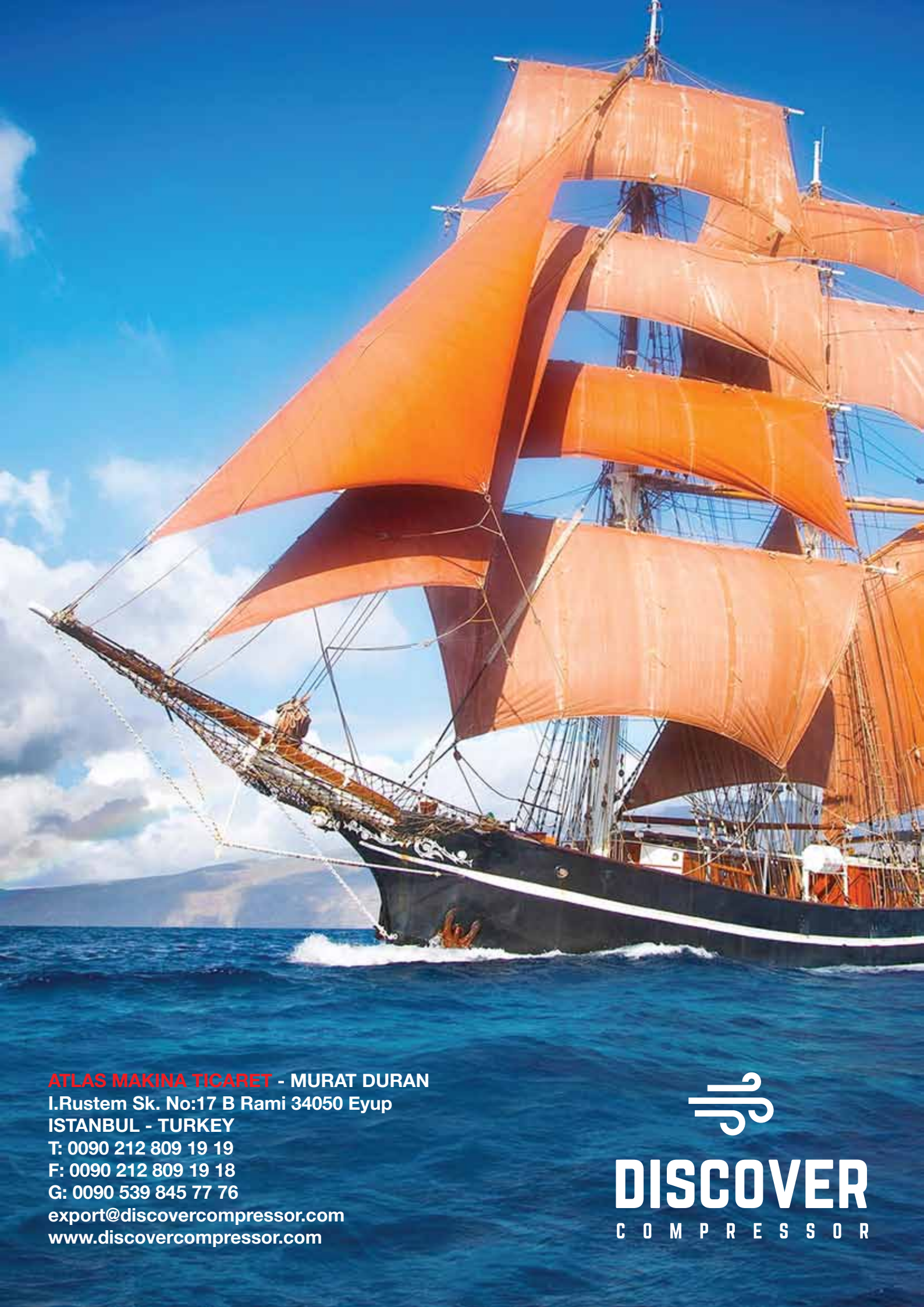
**SUCTION  
VALVE**  
Work  
performance  
is high.  
Load check  
the suction  
control valve

**RADIATOR**  
Plate-Bar Type  
oil and air cooling

**OIL SEPERATION TANK**  
Separation unit for oil and air

**SCREW BLOCK**  
Single-stage oil injection  
Produced by high-tech energy efficient screw





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