

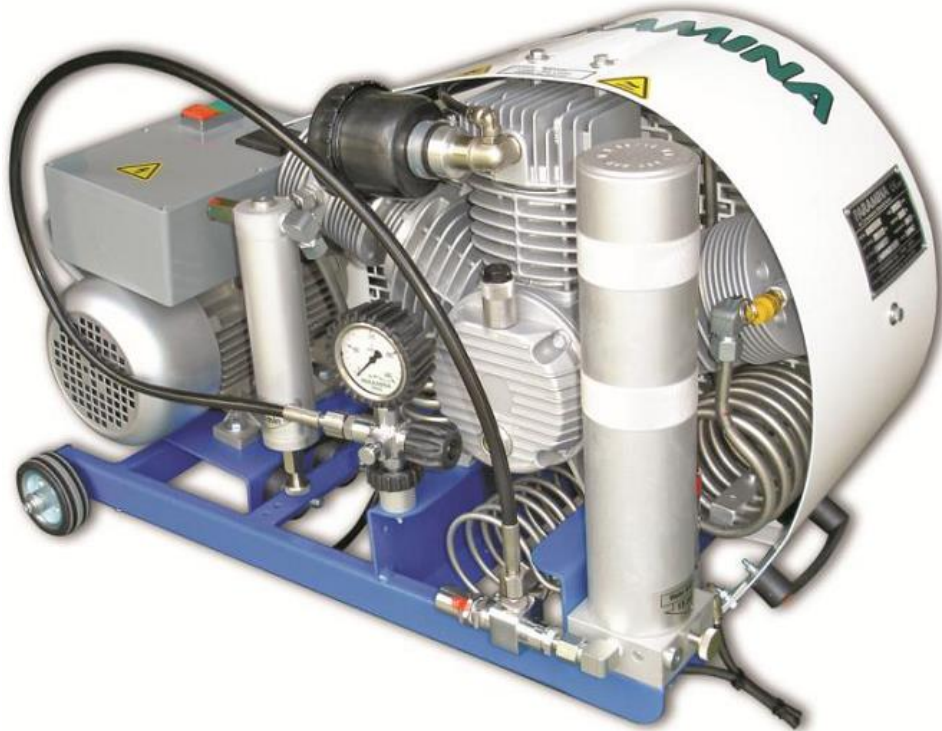


## TUNA GEMİ İKMAL SANAYİ TİCARET LTD. ŞTİ

### BREATHING AIR COMPRESSOR MISTRAL M6-EM or M6-ET TECHNICAL DATA

Breathing Air Compressor, portable, 3-staged, air cooled, oil lubricated manufactured by PARAMINA, model Mistral M6-EM 220V/50Hz or 230V/60Hz or M6-ET 400V/50Hz or 440V/60Hz (upon request) with electric motor 2,2kW/3Hp, suitable for all shipping, diving and fire-fighting applications with CE certificate.

# Mistral





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<b>Model</b>	: Mistral M6-EM or M6-ET
<b>Air Delivery FAD</b>	: 103 lit/min – 6,2 m <sup>3</sup> /h
<b>Max Working Pressure</b>	: 330 bar
<b>Stages</b>	: 3
<b>Cylinders</b>	: 3
<b>Cylinder Arrangement</b>	: W
<b>1<sup>st</sup> stage cylinder diameter</b>	: 60mm
<b>2<sup>nd</sup> stage cylinder diameter</b>	: 36mm
<b>3<sup>rd</sup> stage cylinder diameter</b>	: 14mm
<b>Piston Stroke</b>	: 40mm
<b>Speed Rotation</b>	: 1200 rpm
<b>1<sup>st</sup> Stage Pressure</b>	: 3,5 bar
<b>2<sup>nd</sup> Stage Pressure</b>	: 27 – 30 bar
<b>Transmission</b>	: V Belt
<b>Motor power</b>	: <u>2,2 kW/3Hp-220V/50Hz or 230V/60Hz or 400V/50Hz or 440V/60Hz poer upon request (Class F, IP 55)</u>
<b>Oil Capacity</b>	: 400ml. synthetic compressor oil
<b>Air outlet temperature</b>	: 5 - 8 °C above ambient temperature
<b>Max. permissible ambient temperature</b>	: +5 <sup>0</sup> to +45 <sup>0</sup> C
<b>Cooling air flow min required approximately</b>	: 792m <sup>3</sup> / hr
<b>Dimensions (L-W-H)</b>	: 78x41x49cm
<b>Weight</b>	: 53 – 73 Kg
<b>Filling Time of 1 Cyl.10ltr @ 225bar</b>	: 21,8 min ± 5%
<b>Filling Time of 1 Cyl.10ltr @ 300bar</b>	: 29,1 min ± 5%
<b>Max. inclination of compressor</b>	: 15 <sup>0</sup>



# TUNA GEMİ İKMAL SANAYİ TİCARET LTD. ŞTİ

## Standard Equipment;

- **Micronic Air Inlet Filter.**
- **Condensate Separator after 2<sup>nd</sup> Stage.**
- **Two (2) Large Stainless Steel Intercoolers.**
- **Large Stainless Steel After-cooler**
- **Large Fan for optimum cooling (400mm diam.)**
- **Safety Valves in all stages.**
- **BA filter Ø80X345** - including coalescing pre-filter (0,5 mg/m<sup>3</sup> oil residual) , and B.A. cartridge Ø42X180 (Active Carbon / Molecular Sieve), with the supply of absolutely clean air exceeding by far the requirements of EN12021:2014 directive.
- **Pressure maintaining & non-return valve after final BA filter for extended BA filter lifetime.**
- Final stage glycerin manometer 400 bar.
- Manual Condensate Drains.
- Start/Stop switch.
- Hour meter.
- **Motor thermal overload protection.**
- **One (1) Kevlar\* Filling hose** – 1,2m length, complete with DIN & INT'L "A" filling connector.  
\*Kevlar hoses are manufactured with very strong & resistant material and are pin pricked for air relief in atmosphere in case of damage.
- Automatic belt tensioning system.
- Wheels for easy transport.

PARAMINA HIGH PRESSURE COMPRESSORS MOTORS*, FUSES & CABLES									
STANDARD PLUGS, OTHER PLUGS ON REQUEST									
MODEL	MOTOR			FUSE BOX (curve D or K)	PLUG (PGE)			CABLE	
	KW	AMPS	P. F.	AMPS	AMPS	PHOTOS	DIMENSIONS (mm <sup>2</sup> )	LENGTH (m)	
N10 - ET	4.0/400V/50-60Hz	7,9	0,88	16-20A	Wander plug 16A 3P+N+PE IP44	 option	5 x 4	max. 5m	

**Note: Fuse box & plug supplied by customer.**