



▶▶▶ RMB 15 - 25 (IVR)

Fix & Variable  
Speed

Solid, simple, smart:  
Advanced reliability in  
compressed air





## User benefits

### Simple Installation

- Compact and all in one system, thanks to the oversized integrated dryers. Compressed air quality can be improved by the cyclonic water separator and the coalescent filter is available as an option.
- Innovative design
- Easy and fully protected transport
- No special foundation needed

### Solid Quality

*Outstanding and first-class components:*

- Highly reliable transmissions, for a quiet and trouble-free operation.
- High capacity oil/air coolers, perfect air filtration and cooling guarantee less thermal shocks and a longer lifetime.
- Overload protection and full automatic control.
- High quality and heavy duty motor.

### Easy Maintenance and Accessibility

- All service components are located at the front of the machine for excellent accessibility, you just have to open the frontal door for an easy access for service or cleaning, easy access of the coolers, oil filter, separator and air filter replacements.
- Oil-level eye at the front
- Easy and quick check thanks to service door and controller
- Service and cleaning is a one person job

### Saving of costs

- Lower energy consumption thanks to IE3 motors or IVR technology
- Optimal efficiency, lubrication and cooling
- Long service intervals

### Safety

- Emergency stop
- Protection grid
- IP 54 electrical cubicle
- Internal and external protection for the electric fan.

## »» RMB 15 - 25 gear driven RMB 15 - 25 IVR direct driven

Compressed air drives your company. Consequently, choosing the right compressor is crucial. Going for our RMB and RMB IVR ranges of highly efficient and flexible oil-injected screw compressors is a choice you will not regret. Bring some fresh air into your company and enjoy the strong performance and high efficiency that come with it.

The new RMB IVR closely follows the air demand by automatically adjusting the motor speed. Combined with the innovative design of direct driven transmission, this results in average energy savings of 35% and an average cut of 25% in the lifecycle cost of a compressor.

### »» Optional and standard features

OPTIONS LIST	Factory
Oil 8000H	✓
Canopy heater *	✓
Food Grade oil	✓
Energy recovery *	✓
Heavy duty inlet filter	✓
Line Filters G + C (with dryer version)	✓
Water separator drain (WSD) with floating drain	✓
Water separator drain (WSD) with automatic drain	✓
LD drain for water separator drain (WSD)	✓
Phase sequence relay	std
Wooden crate	✓
Graphic controller	✓
Silencing baffle	✓
Connectivity - ICONS box	✓
ES6I multilogic connection with graphic controller	✓

✓ = available

\* invalid combination



# OUTSTANDING AND FIRST-CLASS COMPONENTS

- » RMB 15 - 25 gear driven
- RMB 15 - 25 IVR direct driven

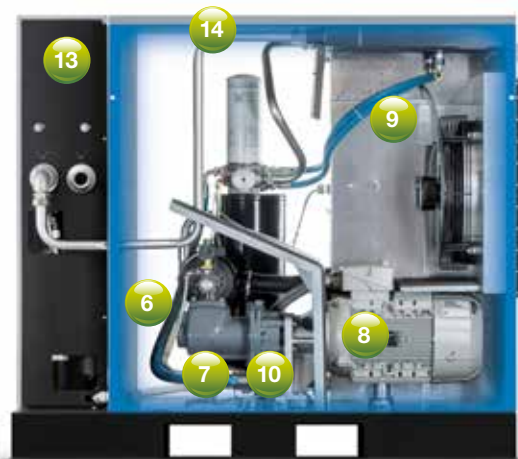
RMB 18 IVR



RMB 18 IVR



- 1 cooling air filter
- 2 emergency stop
- 3 controller
- 4 oil separator
- 5 converter
- 6 air filter
- 7 air end
- 8 motor
- 9 fan motor
- 10 gear box (FS)
- 11 direct transmission (IVR)
- 12 coalescent filters
- 13 dryer
- 14 water separator drain



RMB 18 IVR

## » Energy audit

A frequency driven compressor potentially offers a very energy efficient compressed air installation, with a return on investment of typically 1-2 years. To help you decide to go with a frequency driven compressor or not, MARK has created the Energy Cutter, a tool which calculates in an easy way and visually presents the yearly savings that can be obtained from investing in a frequency driven compressor for any specific industry. Besides the Energy Cutter tool, MARK offers energy audits, specialized advice to make sure you make the right decision when buying your compressor.





## SMART TECHNICAL ADVANTAGES



### CUSTOMIZE YOUR MACHINES THROUGH A WIDE RANGE OF OPTIONS:

- Energy recovery to recover energy and reduce your energy bill
- Canopy heaters for low temperature installation



ES 4000 AS STANDARD  
ES 4000 ADVANCED AS OPTION  
FOR ALL THE MODELS



### THE ENERGY CUTTER:

The new direct driven IVR version grants very low specific energy requirements and one of the widest turndowns of its category.



### VERY BIG AIR OIL COOLER AND OPTIMIZED AIR FLOW

Grant a very efficient cool down. Standard filtration panel extending service intervals. Air and oil filters and the oil vessel are easy to reach from the main door making serviceability very easy and fast.

# TECHNICAL DATA - RMB 15 - 25 (IVR)



## Fixed speed

FIXED SPEED	Max. Working Pressure ***		Free Air Delivery @ reference conditions*				Motor Power		Noise Level **	Weight		
	BAR	PSI	m <sup>3</sup> /h	l/s	l/min	cfm	kW	hp	dB(A)	FM	FM D	500L D
RMB 15	7,5	109	162	44,9	2696	95	15	20	67	330	375	550
	8,5	123	152	42,3	2536	90						
	10	145	136	37,8	2266	80						
	13	189	117	32,4	1946	69						
RMB 18	7,5	109	199	55,3	3317	117	18,5	25	68	355	405	580
	8,5	123	189	52,4	3144	111						
	10	145	175	48,7	2922	103						
	13	189	137	38,0	2279	80						
RMB 21	7,5	109	231	64,3	3858	136	22	30	69	370	420	595
	8,5	123	224	62,4	3741	132						
	10	145	198	54,9	3294	116						
	13	189	167	46,5	2790	99						
RMB 25	7,5	109	253	70,2	4210	149	26	35	71	385	435	610
	8,5	123	239	66,4	3987	141						
	10	145	224	62,1	3728	132						
	13	189	196	54,4	3263	115						

\* Unit performance measured according to ISO 1217, Annex C, latest edition

\*\* Noise level measured according to ISO 2151:2004 using ISO 9614/2

\*\*\* Reference working pressure: 7 - 8 - 9,5 - 12,5 bar

## Variable speed

VARIABLE SPEED	Min. working pressure		Max. working pressure		Free Air Delivery @ reference conditions *															Motor power		Noise level **	Weight		
	Bar	PSI	Bar	PSI	Min FAD *					Max. FAD *										kW	hp	dB(A)	FM	FM D	500L D
					7 bar			7 bar			8,5 bar			9,5 bar			12,5 bar								
RMB 15 IVR	5,5	80	13	189	47	13	780	175	48,5	2911	157	43,7	2620	149	41,5	2489	128	35,6	2138	15	20	68	310	355	530
RMB 18 IVR	5,5	80	13	189	47	13	780	210	58,4	3505	194	53,8	3225	182	50,5	3029	146	40,6	2435	18,5	25	70	325	375	550
RMB 21 IVR	5,5	80	13	189	47	13	780	235	65,3	3920	216	60,1	3606	203	56,4	3386	182	50,5	3029	22	30	71	330	385	560
RMB 25 IVR	5,5	80	13	189	47	13	780	249	69,3	4158	233	64,8	3891	225	62,4	3742	196	54,5	3267	26	35	72	350	400	575

\* Unit performance measured according to ISO 1217, Annex C, latest edition

\*\* Noise level measured according to ISO 2151:2004 using ISO 9614/2

## Dimensions

Model	DIMENSIONS		
	Length mm	Width mm	Height mm
Fixed + Variable speed	1200	835	1220
Floor Mounted	1450	835	1220
500L - Dryer	1940	835	1835



Oil injected screw compressors, gear and direct driven

RMB 15 - 25 (IVR)

**MARK**



- A high quality product offering you **technology you can trust**.
- Our products are **easy to use** and guarantee high **reliability**.
- Distributors are always nearby ensuring **availability** of both products and support.
- Choosing our high performance products entails a **partnership** that will boost your business.
- Safeguarding long-term productivity through optimal **serviceability** and use of original parts.



Care. Trust. Efficiency.

**Care.**

Care is what service is all about: professional service by knowledgeable people, using high-quality original parts.

**Trust.**

Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

**Efficiency.**

Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference.

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