



## **SPRINT Oil-injected Screw Compressors**

**Smart & Simple Compressed Air  
Solutions with Outstanding Value**

[www.abacaircompressors.com](http://www.abacaircompressors.com)

# User benefits

## Reliability

- ABAC brand
- Reliable components
- Quiet and trouble-free operation
- Independent cooling fan
- Asymmetric profile rotors

## Uncompromised Quality

- ISO 9001· ISO 14001 quality assurance
- OHSAS 18001 quality assurance
- World renowned screw element
- Industry proven electric motor
- Vertical separator tank

## Simplicity

- Base mounted design
- Simple controller
- Simple plug-and-play solution
- Easy installation
- No special foundation needed

## Easy Serviceability

- Easy access from front side
- Cooler for easy cleaning
- Service and cleaning is a one person job
- Spin on filter

## Safety

- Emergency stop
- General alarm
- Fault shut down & alarm function
- Reverse rotation protection
- Maintenance alarm
- Motor overload protection

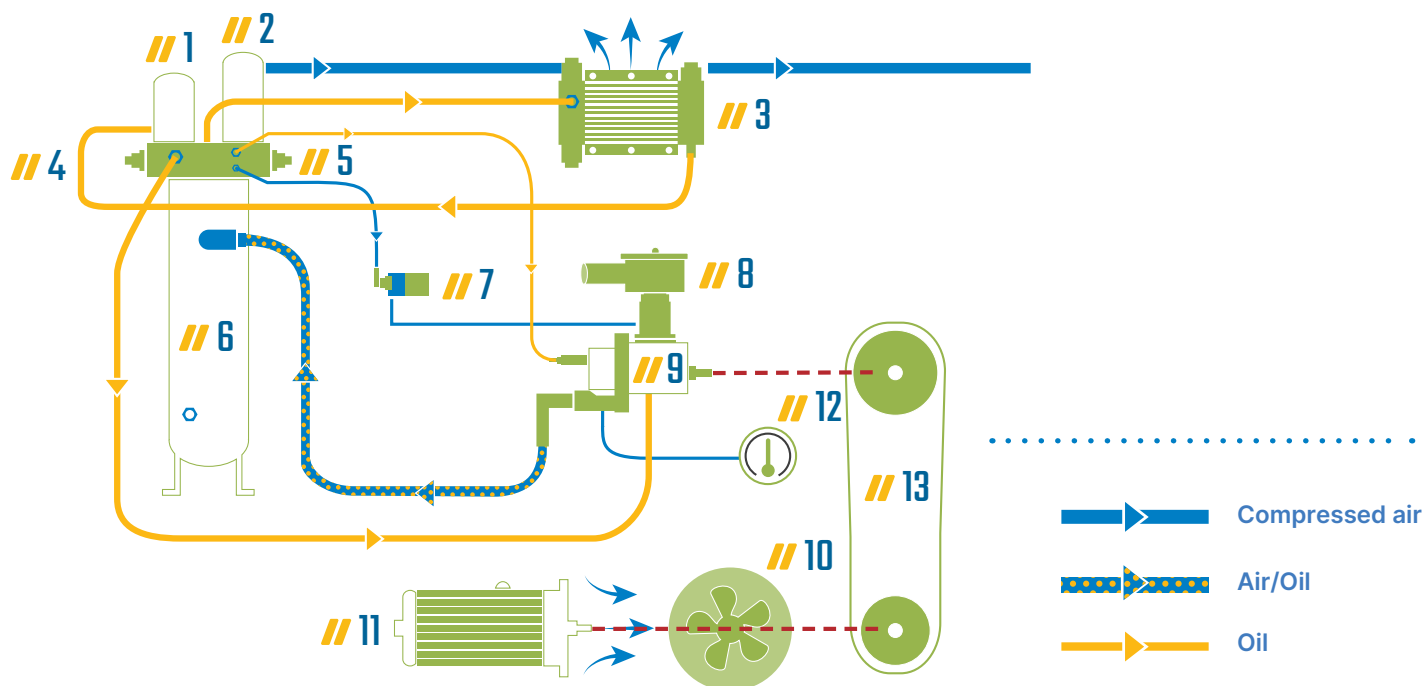
# Who we are

The ABAC team is composed of experienced and passionate professionals dedicated to providing excellent solutions and impeccable customer service. Our years of experience and technical expertise allow us to support our customers at every stage, from initial consultation to post-sale maintenance.



## Optimized operating flow

The flow diagram below illustrates the operating process which makes the SPRINT range into a compact and user friendly.



## Components

// 1. Oil filter

// 2. Air-oil separator

// 3. Oil-air cooler

// 4. Thermostatic valve

// 5. Safety valve

// 6. Oil vessel

// 7. Air suction solenoid valve

// 8. Air suction filter

// 9. Screw compressor

// 10. Independent fan

// 11. Electric motor

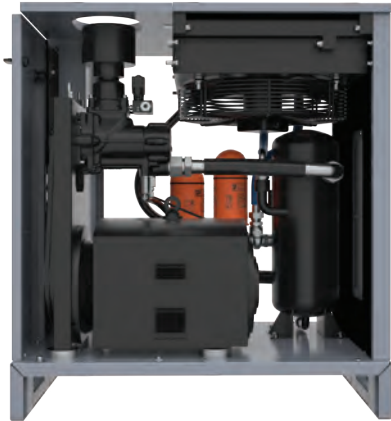
// 12. Temperature probe/thermostat

// 13. Transmission unit



Oil injected screw compressors and refrigerant dryers plant: Pan-Asia, Wuxi

## Smart technical advantages



**Asymmetric profile rotors mounted on high quality ball and roller bearings**  
**High degree of sealing and the fine tolerances guarantees**

- Greater yield
- Long life in quality
- Lasting performance



**Simple user friendly controller with outstanding functions**

- Color coded on/off buttons
- LCD display
- Service warnings
- Fault indication & re-set function
- Reverse rotation protection



**ABAC compressors have an in-house designed belt drive system that offers**

- Easy maintenance
- Simple installation
- User-friendly low noise operation
- The standard in the industry



**Horizontal design bring high efficiency internally cooling**

**Fast service pre-filtration**

- Smart slot design make quick service
- Easy clean with washing or air blowing





# ABAC TMDD features

## 1 station total solution advantage

### // 1. Total solution installation

- Screw compressor, refrigerant dryer with pre and post filters, 500L air receiver combination design for convenience the 1 station installation

### // 2. Professional compressed air flow

- Compressed air from screw compressor through to air receiver for 1st step condensation removal, well reduce the burden on refrigerant dryer for ensuring compressed air dryness supply to end instrument

### // 3. Compact layout

- Minimum foot-print design satisfy limit operation space installation

### // 4. Simple operation

- Plug and play
- Friendly operation and quick service
- Quick technical support standby

# SPRINT 11 TMDD



## Technical data

Model	Working pressure	Motor power		Capacity			Noise level	Weight	Connection	Dimensions
	Mpa	HP	kW	l/s	CFM	m3/min	dB(A)	KG	G	L x W x H (mm)
SPRINT11 TMDD	1.0	15	11	23	48	1.37	72	430	1"	1577×680×1430

Power supply: 400V. Please contact local sales team if any inquiry

Unit performance measured according to ISO1217. Annex C. latest edition and ISO 2151



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local representative**



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[www.abacaircompressors.com](http://www.abacaircompressors.com)

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