

## Compressor Block-Modular Stations (BKK)

### General Data

«Chelyabinsk Compressor Plant» CJSC offers more than 135 standard compressor block-modular stations versions and «Chelyabinsk Compressor Plant» CJSC experts can design compressor stations according to the customers' requirements based on:

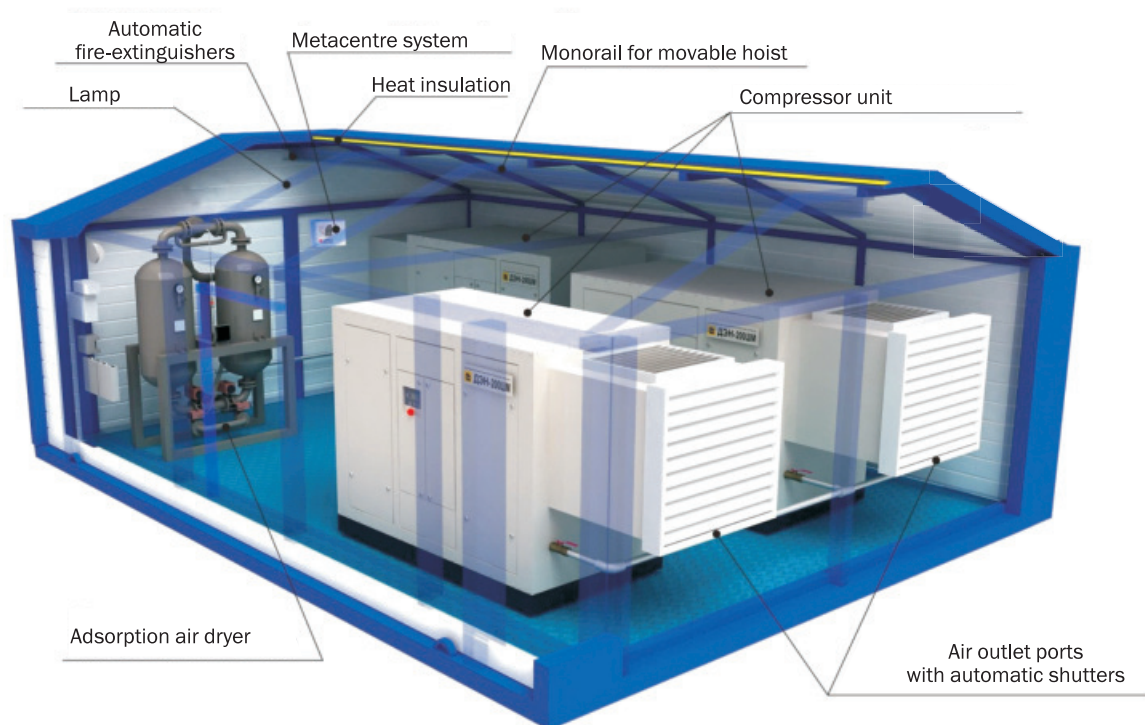


Compressor block-modular stations (BKK, MKS) – are complete autonomous compressor stations, manufactured on the basis of customers requirements specification and in accordance with the technical specifications 3643-364-51470687-2006 (Certificate of Conformity ROSS C-RU MP02.V.00056)

This is considered to be an efficient compressed air (nitrogen) supply solution for your technical processes with a capacity of 17,66 – 14125,87 cfm (0,5-400 m<sup>3</sup>/min) and 2,2 – 7977,1 psig (15-55,0 mPa) pressure.

### Compressor block-modular stations (BKK, MSK) field-performance data

<b>Year - round</b>	<p>Heating and venting systems allow operating at the wide temperature range:</p> <ul style="list-style-type: none"> <li>■ from -40 °F – +104 °F (-40°C up to + 40°C) - standard version</li> <li>■ from -76 °F – +104 °F (-60°C up to +40°C)- «North» version</li> <li>■ from -40 °F – +122 °F (-40°C up to +50°C)- «Tropic» version</li> </ul>
<b>Autonomy</b>	<p>The only things, which are required for the compressor block modular station operation, are a horizontal surface and a power supply connection. Each compressor block modular station is equipped by automatic heating and fire fighting systems.</p>
<b>Mobility</b>	<p>Compressor block modular station doesn't need any special base and can be moved to any convenient for a customer place. Moreover the BKK can be mounted on chassis or rails.</p>

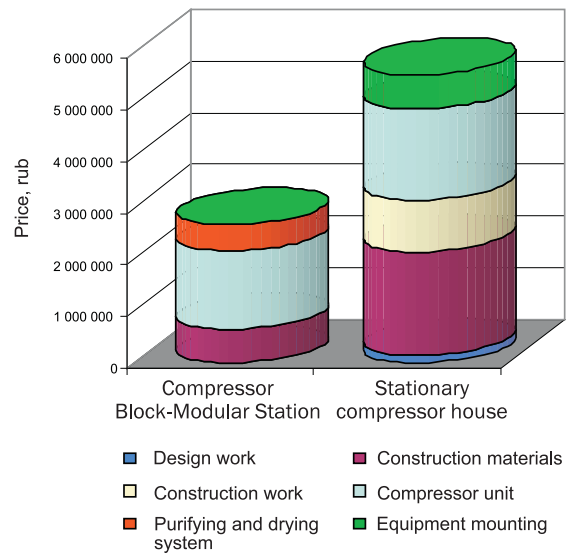


## Compressor Stations: Block Container Version (BKK)

### Compressor Block-Modular Stations (BKK) advantages

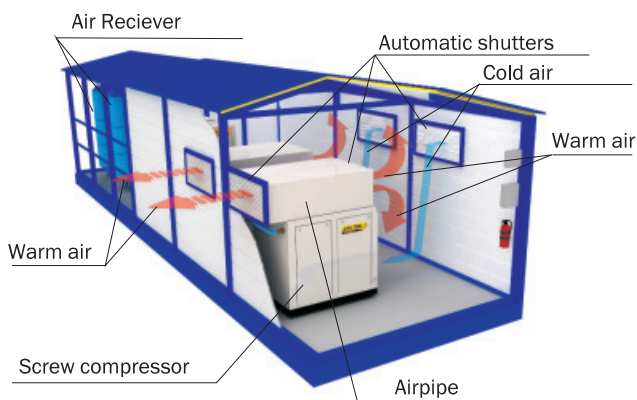
**Sufficient savings for construction**

**Incomparably shorter construction terms**

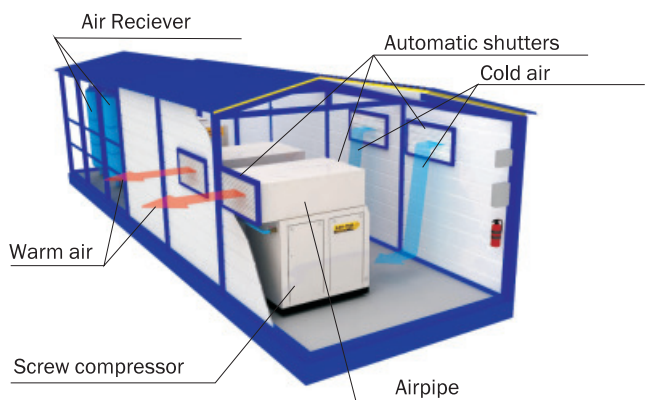


### Energy saving

#### Ventilation operation in winter period



#### Ventilation operation in summer period



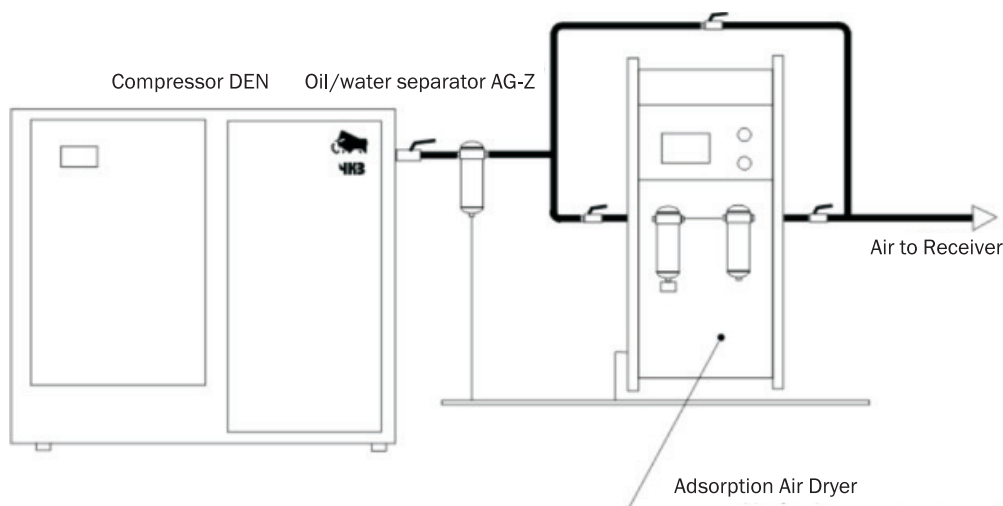
### Stable pressure and low compressed air losses



## Compressor Stations: Block Container Version (BKK)

### Compressor Block-Modular Stations (BKK) advantages

High quality of compressed air



Fully-autonomous stations

All-season operation

Mobile construction

Automation and remote Metacentre control



## Compressor Stations: Block Container Version (BKK)

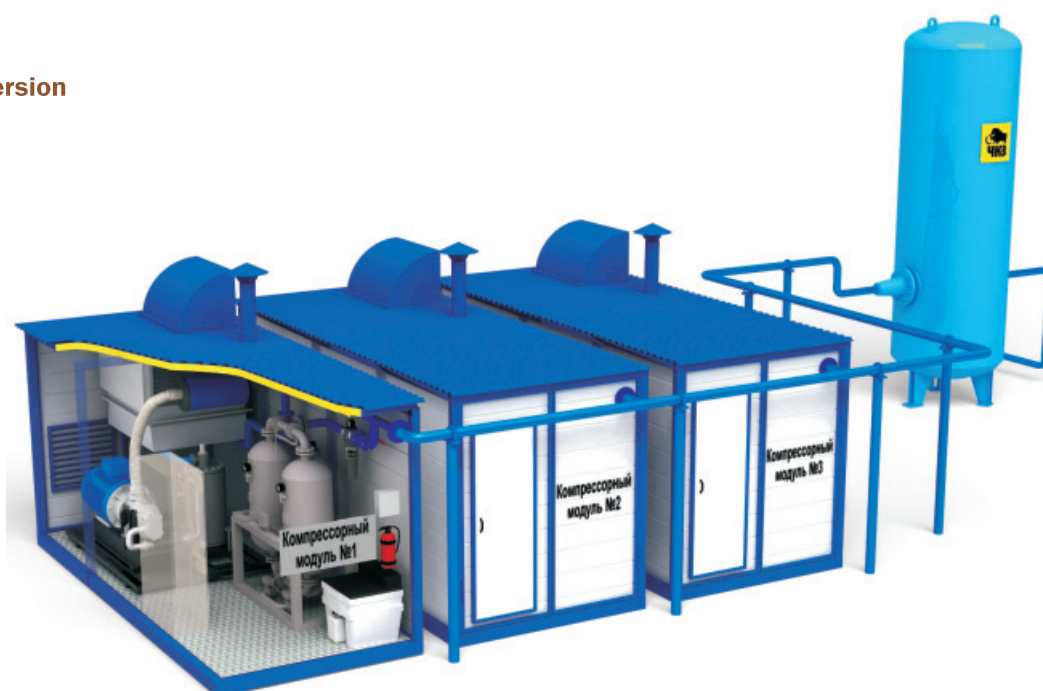
### Compressor Block-Modular Stations (BKK) advantages

#### Package supply



BKK

#### Modular version





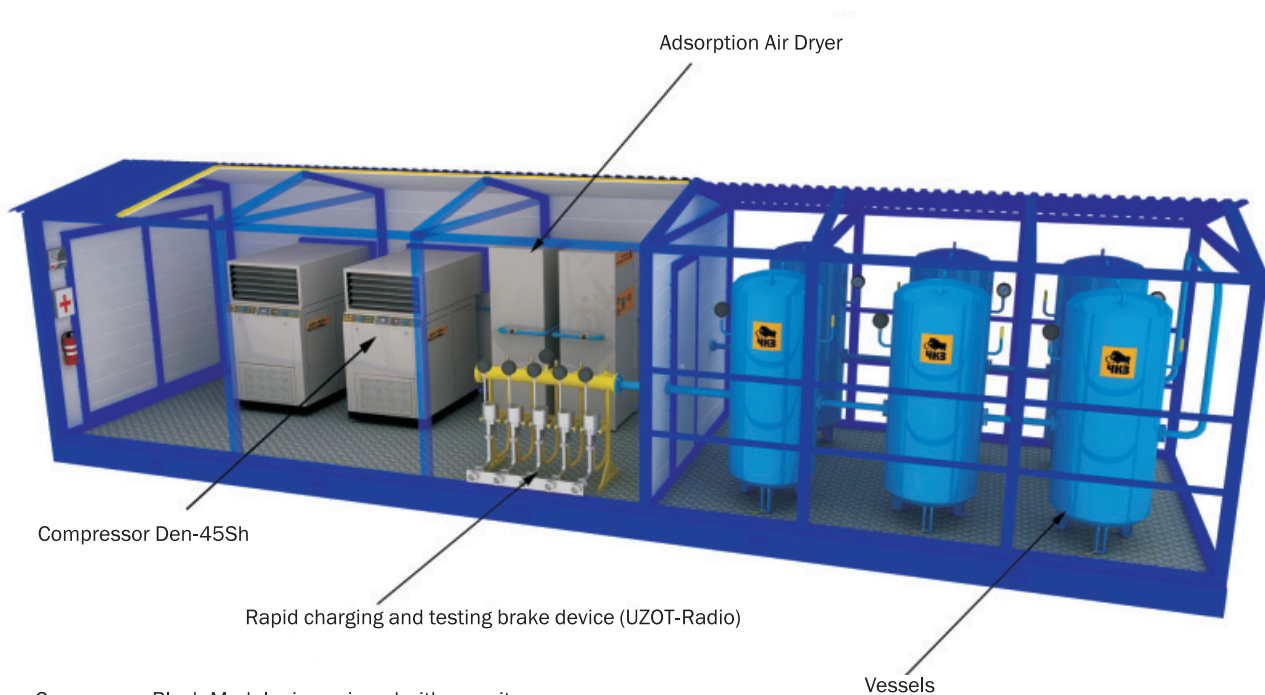
## Compressor Block-Modular Stations (BKK)

### BKK is a comprehensive technical solution for railways

«ChKZ» CJSC experts developed a range of technical solutions for supply compressed air to various technological process in Joint Stock Company «Russian Railways» subdivisions:

- Compressor Block-Modular for switches blow-off
- Compressor Block-Modular for supply the compressed air to retarders at gravity yards
- Compressor Block-Modular with the rapid charging and testing brake device (UZOT-Radio) for railway rollingstock.

Compressor Block-Modular Station BKK with installed UZOT-Radio device is a below presented technical solution. This technical solution is patented in the Russian Federation. Compressor stations and UZOT device are remotely controlled from the control unit.



Compressor Block-Modular is equipped with security and fire alarm system, lightning and heating system.

