

Modular compressor stations are the ideal solution for many businesses where compressed air supply with automatic control or remote control is required. Compressors International has developed its own solution based on a standard Lloyd's-certified container that optimizes logistics and freight operations.

The uniqueness of this solution is that all the necessary equipment from world-renowned manufacturers has already been prepared and tested on the basis of Compressors International. Commissioning takes place with a minimum number of operations, namely - the supply of communications, power lines and compressed air pipelines.

The installation of a modular compressor station does not require capital construction, while saving space and usable space, and there is a possibility of relocation, in close proximity to local consumers of compressed air.

UNIQUE COMPACTABILITY



COMPRESSOR STATION EQUIPMENT

- Insulated all-welded metal complex with technological holes and units for equipment installation. Thermal insulation of the station - from non-combustible materials.
- Internal cladding: walls, ceiling - galvanized profiled sheet, floor - corrugated steel flooring.
- External metal protective ventilation grilleworks.
- Automated inflow regulation system / removal of the air necessary for cooling and work of compressors, with electric drives or counterparts (heat recovery system).
- Heating system - electric convectors with thermal controllers (maintenance of the required temperature in the station in automatic mode).
- Main and emergency lighting.
- High power electric box to power compressors, own container needs and ventilation system control.
- Power and low-current wiring, made in galvanized metal boxes.
- Piping system - connecting pipes, pipe fittings, bypass lines of the dehumidifier and main filters, supports.
- Condensate drainage and separation system.
- Grounding system.
- Automatic dry chemical powder system (performs the functions of fire detection and extinguishing independently of external power sources and control systems), based on the signal-starting device and powder fire extinguishing modules and the manual fire extinguishing system - powder fire extinguishers.



In the implemented projects the most reliable equipment of the world's leading compressor industry is used. Compressors with direct drive and air cooling system allow the use of heat energy recovery. Module's internal thermal insulation system provide uninterrupted performance even at subzero temperature (to -42°C).

Due to the increased requirements for compressed air quality, line filters and deep compressed air drying technologies of the world's leading manufacturers are used. For maximum energy savings, the selected equipment automatically regulates performance and maintains a constant operating pressure in the pneumatic network.

Technical data of mobile compressor stations *

Station's title	Capacity, m ³ /min	Pressure, bar	Compressed air class according to ISO-8573-1	Dimensions, mm
MCS-200-22/2	198	10	1.2.1	30" (9156x2438x2896)
MCS-300-30/1	302	10	1.4.1	20" (6058x2438x2896)
MCS-400-37/2	400	7	1.2.1	30" (9156x2438x2896)
MCS-480-45/2	482	10	1.4.1	30" (9156x2438x2896)
MCS-580-30/2	67 - 578	10	1.4.1	20" (6058x2438x2896)
MCS-600-75/1	631	13	1.2.1	30" (9156x2438x2896)
MCS-650-55/1	631	7	1.4.1	20" (6058x2438x2896)
MCS-800-75/2	135 - 820	5-13	1.4.1	30" (9156x2438x2896)
MCS-1200-110/2	317 - 1294	5-13	1.4.1	40" (12256x2438x2896)
MCS-1700-160/2	1692	7	1.4.1	40" (12256x2438x2896)
MCS-2200-200/1	2160	7	1.2.1	20" (6058x2438x2896)
MCS-4700-200/2	360 - 4708	5-13	1.4.1	40" (12256x2438x2896)

* Compressors International offers mobile compressor stations according to the customer's specifications. The table below lists the mobile compressor stations that do not require additional design.

