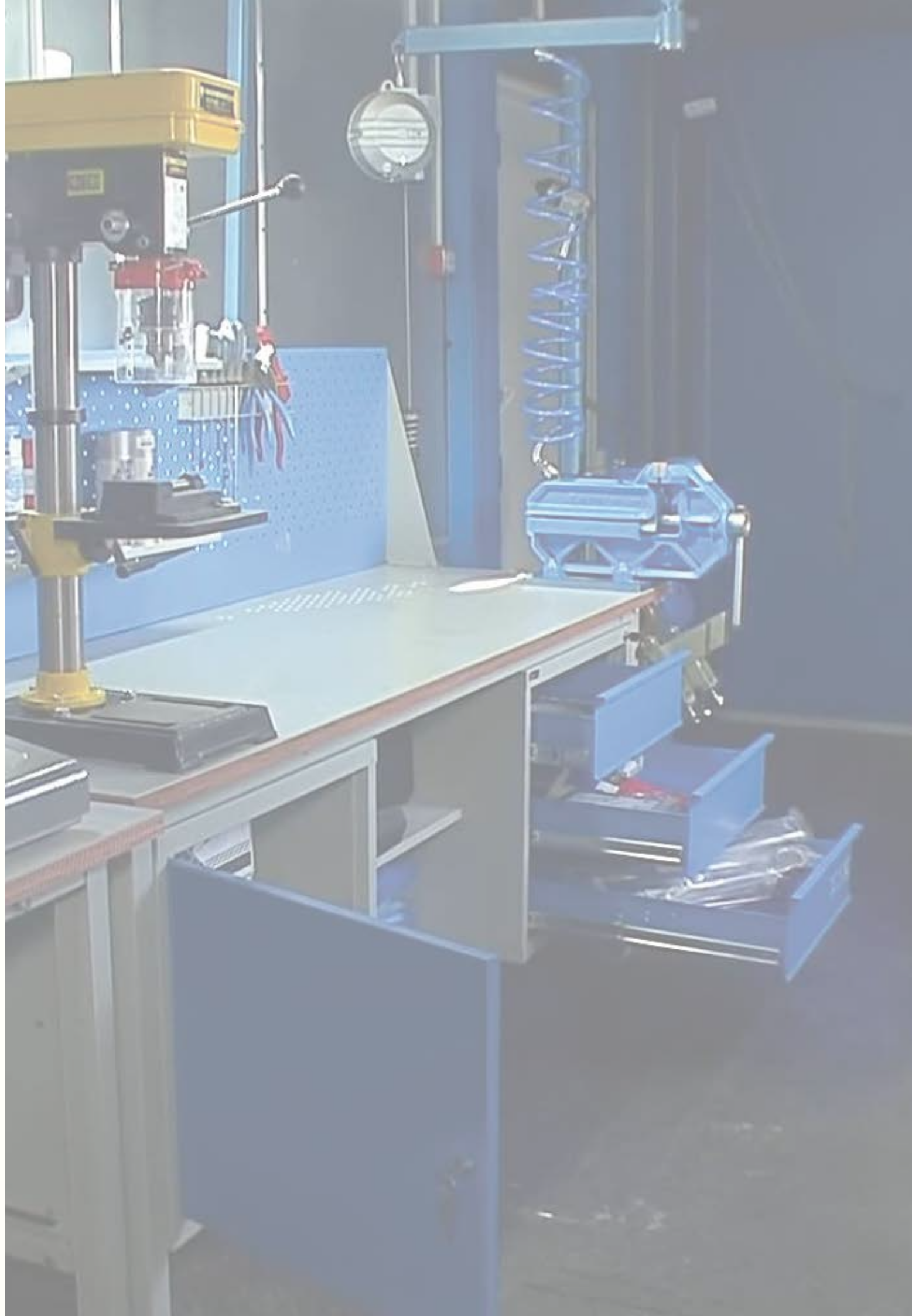




MOBILE WORKSHOP



PKTBA-MK

MOBILE WORKSHOPS

PURPOSE:

- modular structure of containerized workshop solutions allows its adoption as per customer requirements and climatic operational conditions. Range of our models allows to solve the most important issues with valves overhauling at sites as high pressure testing, calibration and maintenance of different kind of valves.

TESTED ITEMS:

- gate valves;
- ball valves;
- shut-off valves;
- check valves;
- safety valves;
- control valves.

VERSIONS OF THE MOBILE WORKSHOPS:

- **PKTBA-MK-1** mobile valve testing workshop.
- **PKTBA-MK-2** mobile valve testing and repair workshop.
- **PKTBA-MK-3** mobile valve repair and machining workshop.

CONFORMED WITH STANDARD:
API 527, API 598, ANCI FCI 70-2 (Class II-VI), etc.



PKTBA-MK

MOBILE WORKSHOPS



COMPLETE SET:*

Unit name	Description	PKTBA-MK-1	PKTBA-MK-2	PKTBA-MK-3
Block-box (PKTBA-BMK)	Brand new dry freight 20ft. HC double door container, include all necessary operation support as thermal wall protection, heating, ventilation, electric lighting and power source connection lines. The inner space of container splitted into work area and of compressor room to create comfort working conditions for operators.	+	+	
Test bench (PKTBA-CM-3-300/90)	Designed for hydraulic and pneumatic testing of pipeline valves DN 10 ... 300 mm (%...12) and safety valves DN 10 ... 250 mm (%...10). Clamping force 90 t (198000 lbs).	+	+	
Pneumohydraulic station (PKTBA PGS-2-2BMK)	Designed for creating a high-pressure test and control mediums, as well as for process control of testing when working as part of the test bench.	+	+	
Compressor unit (PKTBA-UK-3)	Designed for creating pressure for pneumatic testing and supply low pressure air to PKTBA-PGS-2-2BMK.	+	+	
Universal workbench (PKTBA-BC-MC)	Designed for various mechanical works and for storing tools fasteners and other items. As well as in its base installed tank of water recycling system PKTBA-SOV-MK-0.5 for supplying liquid test medium to the test bench.	+	+	
Actuator control and adjustment system (PKTBA-SI-PRA)	Designed for testing, control and adjustment of control valves actuators with pneumatic and electric control. System allows to harmonize work of valve assembly with actuators and adjust operation of actuator exactly with piping data requirements or manufacturers specifications.	+	+	
Computer registration system (PKTBA-CRS-M)	Designed for measuring testing pressure, test medium leakage through the valve gate, electronic records of the test results	+	+	
Analogue leakage measuring unit (PKTBA-BR)	Is assembly of flow meters which are installed on a flow measurement column, which can be positioned on the container floor or fixed on the wall.	+		
Cleaning cabinet (PKTBA-UMM)	Intended for washing of contaminated small parts and components of valves.		+	+
Abrasive blast cabinet (PKTBA-KD-MK)	Designed for blast cleaning heavily soiled small parts and components of valves.		+	+
Table lathe	Table lathe used for machining of pieces of metal, wood, plastic, etc.		+	
Valves (dis)assembling unit (PKTBA-RMR-PPK)	Universal Workbench is designed for various mechanical works and valves disassembling PKTBA-RMR-PPK.		+	+
Universal workbench	Designed for drilling operations and other various mechanical works. As well as for storing tools, fasteners and other items. Equipped with vice and table drilling machine.			+
Lathing center	Provides unique opportunity to make a machining of valve stems and components.			+
Compressor unit (PKTBA-UK)	Designed for creating of low pressure for operation of pneumatic tools and shot blasting camera.			+
Hoisting equipment	Console crane 0,5 t (1100 lbs).	+	+	+
Air conditioning	Split system, designed to maintain the desired temperature in the winter and summer periods: - heating capacity not more than 4 kW; - cooling capacity not more than 3 kW.	+	+	+
Heating system of mobile workshop	Electric heaters.	+	+	+
Emergency lighting	Back-lightning of operators area.	+	+	+
PKTBA-PUR	Portable lapping and grinding machines are available upon request.	+	+	+

* Please contact us for detailed technical specifications and optional equipment.



PKTBA-MP-PSV

MOBILE PLATFORM FOR HYDRAULIC AND PNEUMATIC TESTING OF PRESSURE SAFETY VALVES DN 10...300 MM (3/8"...12")

PURPOSE:

- leakage test of disk and seat sealing;
- trim tightness test;
- functional test and working pressure adjustment.

TESTED ITEMS:

- safety valves.

COMPLETE SET:

1. Vertical test bench PKTBA-SI-14 RS.
2. Pneumo-hydraulic pumping station PKTBA-PGS.
3. Pressure compressor unit PKTBA-UK-3.*
4. Protection fence with armored windows.
5. Basement platform.
6. Set of testing adapters for flanged valves with O-ring sealing.
7. Computer registration system for Pressure Safety Valves PKTBA-CRS-M.*
8. Portable grinding and lapping machine PKTBA-PUR-5.*

Figure 1 - General view of the unit (longitudinal position)



MOBILE PLATFORM

* Design of mobile testing platform is modular and can be customized as per customer requirements.

PKTBA-MP-PSV

MOBILE PLATFORM FOR HYDRAULIC AND PNEUMATIC TESTING OF PRESSURE SAFETY VALVES DN 10...300 MM (3/8...12")

Figure 2 - General view of the unit (cross-arrangement)

MOBILE PLATFORM



EQUIPMENT ADVANTAGES:

- The design of the mobile platform components allows easy and quick assembling and disassembling, by the use of universal connector mounts between platforms and high and low pressure hoses with quick couplings.
- Safety fence provide safety of operator's during high-pressure gas testing.
- Sealing of tested valves is carried out by clamping of mounted valve in between claws and testing table by hydraulic cylinder installed in basement of test bench.
- Dimensions of test complex allows its delivery to sites by truck.

PKTBA-MP-PSV

MOBILE PLATFORM FOR HYDRAULIC AND PNEUMATIC TESTING OF PRESSURE SAFETY VALVES DN 10...300 MM (3/8...12")

Modular structure of testing complex allows to connect platforms as per customer requirements, due to easy connection fittings and hoses with fast coupling connectors.



MOBILE PLATFORM

SPECIFICATION:

Parametr	PKTBA-MP-PSV
Air pressure of 200 bar class clogging rougher 684 to DIN 8573-1	200
Maximum pressure pneumatic testing, bar (psi)	200 (2900)
Maximum pressure hydro testing, bar (psi)	650 (9427)
The maximum pressure in the hydraulic clamp, bar (psi)	160 (2320)
Maximum clamping force, tones (lbs)	60 (132277)
Overall dimensions (LxWxH), mm (")	4000x2000x2310 (157x78x91)
Weight, kg (lbs)	7000 (15432)



CONTACT:

- **Export Department**

Tel.: +7 (8412) 200-201

E-mail: sales@revalve.com



ADDRESS:

75 Prospekt Pobedy, Penza 440060, Russia.





«PKTBA» CJSC

75 Prospekt Pobedy, Penza, 440060, Russia. Tel./fax: +7 (8412)-200-201

e-mail: sales@revalve.com, web: www.revalve.com

