

The Rebuilding Process

1. Registration of the Damaged Compressor in our System.

A registration card is assigned to each device so that we have a full preview of the condition and advancement of the repair process. After the completion of the process, the compressor information goes into the database.

2. Dismantling of All Components

During this process, each part of the compressor is thoroughly verified according to strict standards and is qualified to the various stages of rebuilding.

3. Estimate of Cost

After completion of the first two stages, a cost estimate is created and sent electronically to the customer for acceptance.

4. Mechanical Machining

At this stage, all types of mechanical machining on the compressor components are performed. With oversized parts from our assortment, such as pistons, piston rings, connecting rods, etc., we grind cylinders, shafts, valve plates, main bearing seats and bushings to the appropriate dimensions. In the course of this work, accurate measurements are continuously carried out to maintain the factory dimensions. This is the most important stage in the whole process of rebuilding.

5. Assembly

Before mounting the compressor components, re-measurements are performed to ensure the highest quality and to meet the strict standards of our company. During the assembly, all components are accurately fastened with the use of specialized tools.

6. Tightness test

When completely assembled, the compressor is tested for leakages.

7. Start-up test

In this process, the compressor is filled with oil and all measurements of discharge pressure, including suction and oil as well as power consumption, are performed.

8. Painting

With all tests completed, your compressor is painted and looks like new!

