

Dynabrade Product Information

Tool Maintenance Is Important

Air tools do require maintenance to keep them running in tip-top shape. Problems can occur if maintenance is not performed. Moisture can gather in air lines and be blown into air tools during use.

Motor lubrication is necessary. Greater performance and longevity of air tools can be expected with the use of a filter-regulator-lubricator. A clean, dry, air source and proper lubrication with a good-grade non-detergent oil (such as Dynabrade Air Lube on page 41) is a preventative measure that will go a long way – and potentially save on costly repairs.

Run Dynabrade air tools at 90 PSI or less, unless otherwise specified. Running the tools at higher pressures can be the cause of unnecessary premature wear and can contribute to an unsafe condition.

Customer Service

Dynabrade's customer service staff has one very important job – to make sure that you are completely satisfied with your order. Our service department is staffed with highly-trained people, ready to serve you in any way they can, from technical advice and order taking to rush shipments.

Dynabrade Tools Meet the Following High Quality Standards

Ergonomics and operator comfort have worked their way into each Dynabrade air tool design. Factors including Vacuum, Vibration, Insulation and Sound are addressed at every integral design stage. These factors are critical to our research and development of new products as we continue to meet the needs of the marketplace.

➤ VACUUM

Airborne sanding particles can cause severe inflammation of the eyes and lung tissue, varying on the degree of exposure and the type of airborne contaminants involved. It is because of this danger that Dynabrade manufactures self-generated and central vacuum tools that direct airborne particles away from the operator, air motor and work surfaces.

➤ VIBRATION

All hand-held machines transmit vibration to an operator's hand while in operation. Operators that work with vibrating machines for extended periods of time risk many different types of injury. The main types of injuries that are likely to occur are vascular injury, nerve injury, skeletal injury and joint injury. To help reduce vibration, we have built features into our tools that include composite housings, rubber overmolds and insulated handles.

➤ INSULATION

Cold caused by pneumatic-powered tools can cause a variety of work-related injuries. Dynabrade manufactures a variety of tools with thermal-insulated housings to reduce cold air transmission to the operator, reducing the risk of whitefinger disease and other injury-related symptoms.

➤ SOUND

High sound levels over an extended period of time can damage hearing. New enhancements to muffling systems, exhaust protection and other tool design factors further reduce tool sound levels in the workplace.

TECH TIP – Air Consumption

“Air Consumption” is an averaged maximum rating, recorded at free speed on non-governed tools and at maximum horsepower on governed tools, and expressed in SCFM (Standard Cubic Feet Per Minute). Dynabrade adheres to this standard of measurement. It is usually sufficient to directly compare the tool's SCFM consumption with the compressor's inlet CFM rating to determine if and how many tools a particular compressor will run. Depending on the duty cycle of the tool, storage tanks may allow a compressor to run a tool that has a larger consumption than the compressor has output. **NOTE:** Some manufacturers may present air consumption figures using ACFM (Actual Cubic Feet Per Minute), which is the “flow rate of air measured at a given reference point at the given pressure.” This enables these manufacturers to seemingly gain a competitive advantage, although SCFM is the accepted term that most manufacturers (including Dynabrade) use. Typical airflow for a random orbital sander is 15 SCFM (2.1 CFM @ 90 PSIG). If a tool user compares the 15 SCFM of consumption to the compressor inlet CFM directly (1:1), proper sizing will occur. If the 2.1 CFM rating is compared directly to the compressor's inlet CFM rating, the compressor may be drastically undersized. As a consumer, one should question any tools that claim to produce high horsepower with unusually low air consumption and/or weigh much less than Dynabrade models!

For More Information or Pricing, Contact Your Local Dynabrade Jobber/Warehouse.

Toll-Free Consumer Information Number:

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