

## POWER TOOLS

### 4.1. Vocabulary

*Ex. 1. Match the words to their definitions.*

1. air compressor



2. air ratchet



3. shop vac



4. impact socket



5. angle grinder



6. impact wrench



7. drill bit



8. drill



a. a detachable cutting tool attached to a drill used for creating holes of different sizes.

b. a machine that compresses air to generate power for operating pneumatic tools or inflating tires.

c. a power tool with a spinning disc used for cutting, grinding, and polishing metal or stone.

d. a device that emits hot air and is used for stripping paint, shrinking plastic, or thawing frozen pipes.

e. a tool used to tighten or loosen nuts and bolts with high torque power.

f. a handheld tool with a rotating bit used for making holes in various materials.

g. a specialized socket used with an impact wrench to apply high torque without damaging the fastener.

h. a vacuum cleaner designed for both wet and dry cleaning tasks.



9. heat gun

i. a pneumatic tool that uses compressed air to quickly tighten or loosen fasteners.

**Ex. 2.** Complete the sentences with the given words:

drill (2), shop, compressor, air, heat, impact (2), angle

I used the \_\_\_\_\_(1) ratchet to tighten the bolts on the car engine.

The mechanic used an \_\_\_\_\_(2) wrench to loosen the tight nut.

The painter used an air \_\_\_\_\_(3) to spray paint on the wall.

I need to use a \_\_\_\_\_(4) to make holes in the wooden plank.

The construction worker used an \_\_\_\_\_(5) grinder to cut through the metal pipe.

We used a \_\_\_\_\_(6) gun to remove the old paint from the window frames.

The mechanic used an \_\_\_\_\_(7) socket to remove the lug nuts from the tire.

My dad used a \_\_\_\_\_(8) vac to clean up the mess after the flood.

He needs a \_\_\_\_\_(9) bit to create a hole in the wall for the electrical wires.

## 4.2. Reading

**Ex. 1.** Read the text.

### Power Tools Used in Mechanics

Power tools are a mechanic's best friend. They help us do our work faster, more efficiently and with less effort. But with so many options out there, which ones should you invest in? Here are 10 power tools every mechanic needs.

1. Air compressor: An air compressor is the heart of any mechanic's shop. It powers all your pneumatic tools like impact wrenches, air ratchets, and spray guns.

2. Impact wrench: An impact wrench is a must-have for any mechanic. It makes removing and tightening nuts and bolts a breeze.

3. Air ratchet: An air ratchet is another essential tool for mechanics. It helps you remove and install fasteners quickly and easily.

4. Angle grinder: An angle grinder is a versatile tool that can be used for cutting, grinding, and polishing metal. It's perfect for removing rust and old paint from car parts.
5. Drill: A good quality drill is a must-have for any mechanic. It can be used for drilling holes and driving screws.
6. Heat gun: A heat gun is a handy tool for mechanics. It can be used to remove stickers, decals, and old paint from car parts.
7. Shop vac: A shop vac is a powerful vacuum cleaner that is designed for wet and dry cleaning. It's perfect for cleaning up spills and debris in your workshop.
8. Impact socket set: An impact socket set is a must-have for any mechanic. It's designed to withstand the high torque produced by impact wrenches.
9. Torque wrench: A torque wrench is a precision tool that is used to tighten nuts and bolts to a specific torque value. It's an essential tool for any mechanic working on cars or motorcycles.
10. Multimeter: A multimeter is an essential tool for any mechanic. It can be used to test electrical circuits, check voltage, current, and resistance, and troubleshoot electrical problems in cars and motorcycles.

These are just a few of the power tools every mechanic needs. Of course, the specific tools you need will depend on the type of work you do and the vehicles you work on. But with these tools in your arsenal, you'll be well-equipped to handle almost any job that comes your way.

***Ex. 2. Answer the questions.***

1. What is the purpose of an air compressor in a mechanic's shop?
2. Why is an impact wrench considered a must-have tool for mechanics?
3. How does an air ratchet help mechanics with their work?
4. What are some of the uses of an angle grinder in a mechanic's workshop?
5. Besides drilling holes, what else can a good quality drill be used for?
6. What are some of the uses of a heat gun for mechanics?
7. What makes a shop vac different from a regular vacuum cleaner?
8. Why is an impact socket set important for mechanics who use impact wrenches?
9. What is the purpose of a torque wrench in a mechanic's toolkit?
10. How can a multimeter be useful for mechanics?

### **4.3. Communication**

***Ex. 1. Make sentences using the following words:***

1. power/tools/make
2. mechanics/power/tools
3. power/tools/cut
4. know/how/use
5. power/tools/functions
6. mechanics/rely/power
7. power/tools/electricity
8. power/tools/shapes
9. safety/important/using
10. power/tools/save