



## EXACT AIR 360 QUICK REFERENCE

### REMEMBER THE FOLLOWING WHEN USING THE Exact AIR 360

1. Do not let the air motor run unloaded. Start the cutting process immediately after switching on the air motor.
2. A maximum pressure of 6.3 bar (90 PSI) is required to obtain full power.
3. A maximum free air volume of 3.9 m<sup>3</sup>/min is required to obtain full power.
4. NOTE: If you do not have the maximum pressure or air flow, the lower power will slow the working speed.
5. The compressed air purity requirement is 40 microns/m<sup>3</sup> or better.
6. The compressed air must be dry.
7. Check the condition of the hose.
8. Check the blade tightness before cutting; blades may loosen in cold conditions.
9. If the motor runs only momentarily after the Start button has been pushed, there is not enough oil. NOTE: Push the piston in the oil tank downwards and add oil. A red mark on the piston indicates its movement.
10. Make sure that the oil tank has enough oil at all times.

### GENERAL

1. Blade 180 mm or 165 mm (7" or 6.5").
2. Max no-load speed 4000 rpm.
3. Air intake and exhaust couplings ¾ NPT inside thread.
4. Operating temperature + 40°C – -20°C / 104°F – -4°F.
5. Check tightness of saw blade.
6. Check condition of air hoses and couplings.

### RECOMMENDED MOTOR LUBRICATION OIL MOBIL DTE 24 ISO VG32

The temperature range of this oil is +5°C to +40°C (41°F to 104°F).

If the temperature is lower than +5°C (41°F), a thinner oil must be used.

### REMEMBER

When starting the motor, a lubricator squirts oil into the motor. When the oil tank is almost empty, the motor will only run momentarily when the Start button has been pushed. Every time you push the Start button, the lubricator will squirt oil until the oil tank is completely empty. In practice, this means that there will be a substantial amount of oil coming from the exhaust coupling.

## TROUBLE SHOOTING

**Fault: 1.** The engine only runs when the Start button is pushed to the bottom.

**Check: 1.** Ensure that there is enough oil in the oil tank. Oil must be added if the red piston is visible in part number 49. When adding oil, first press the piston of the oil tank into the lower position, the piston moves about 90 mm downwards (use the tool supplied with the machine or screwdriver, min 100 mm long). Fill the oil tank completely, close the oil filler hole carefully.

**Check: 2.** Ensure that the air pressure is sufficient by checking the compressor pressure gauges. Requirement 5 bar / 72 psi minimum.  
Check the air hoses, their connectors and possible leaks. The hoses must be tight and should not be pressed flat. Hoses must not be so tightly bent that air flow is prevented.

**Fault: 2.** The motor runs normally when The Start button is pushed to the bottom but the engine power does not seem sufficient.

**Check: 1.** Check the compressor pressure gauges that the pressure is sufficient.  
Requirement 5 bar / 72 psi.

**Check: 2.** Check the air hoses, their connectors and possible leaks. The hoses must be tight and should not be pressed flat. Hoses must not be so tightly bent that air flow is prevented.

**Check: 3.** Check the function of the rush prevention valve, part number 14 "Air Axle". Remove the air in the hose and lift the motor part to the upright position. Using a small screwdriver to move the part 14 gently up and down.

**The cause of faults 1 and 2** may also be poorly filtered compressed air. If debris have entered into the oil reservoir with compressed air, they may cause various defects. Cleaning and adjusting the oil cleaner must be done by an authorized service center.

**Fault: 3.** The blade does not rotate, the engine does not rotate.

**Check:** Unplug the machine from the compressed air supply. Then rotate the blade manually. If the blade does not rotate by hand or rotates only with high force, the engine or gearbox is damaged. Take the machine to service.

**Fault: 4.** The blade does not rotate, the engine rotates.

**Check:** Unplug the machine from the compressed air supply. Check the blade tension using the blade key supplied with the machine. Ensure that the blade tension is appropriate and can not slip between the flanges.