



# SC406 16" FRICTION SAW



READ CAREFULLY AND UNDERSTAND THESE INSTRUCTIONS BEFORE USE.



## Limited Warranty

Industrial Tool & Machinery Sales (hereinafter referred to as ITMS) will, within twelve (12) months from the original date of purchase, repair or replace any goods found to be defective in materials or workmanship. This warranty is void if the item has been damaged by accident, neglect, improper service or other causes not arising out of defects in materials or workmanship. This warranty does not apply to machines and/or components which have been altered, changed, or modified in any way, or subjected to overloading or use beyond recommended capacities and specifications. Worn componentry due to normal wear and tear is not a warranty claim. Goods returned defective shall be returned prepaid freight to ITMS or agreed repair agent, which shall be the buyer's sole and exclusive remedy for defective goods. ITMS accepts no additional liability pursuant to this guarantee for the costs of travelling or transportation of the product or parts to and from ITMS or the service agent or dealer, such costs are not included in this warranty. The manufacturer reserves the right to make improvements and modifications to design without prior notice.

## General operating instructions

Warning! When using electric tools basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following.

1. Keep work area clean. Cluttered areas and benches invite injury.
2. Use power tools correctly where there is a risk of fire or injury.

3. Guard against electric shock, avoid body contact with earthed or grounded surfaces eg. pipes, air con refrigerators etc

4. Keep children away, do not let visitors touch the tool, keep tool in work area with authorized trained personal to use machine.

5. Do not force the tool, let the tool cut the material safely.

6. Dress properly, do not wear loose or damaged clothing, they can invite personal injury. Always wear long hair cover to prevent any injury.

7. Secure the work in the Vice. This frees up both hands in operation.

8. Follow the instructions on fitting blade on machine, inspect power lead for any damage and repair before use.

9. Stay alert, do not use if under the influence of alcohol or medicine as injury may occur.

10. Have your power tool inspected and maintained by an authorized repairer using original spare parts.

## Prior To Operation

1. Before using machine, be certain that the cut-off wheel is not cracked or damaged before use. No cut-off wheel is supplied from ITMS. Always make sure correct rpm on the blade matches the speed rating on the cut-off saw.

2. Always pay attention that the cut-off wheel clamping parts are never impaired. Defective parts will cause damage to the cut off machine.

3. Power source; ensure that the power

source to be used conforms to the power requirements specified on the name plate.

4. Power switch; ensure that the power switch is in the OFF position, always turn machine off before any power is supplied to the cut-off saw.

5. Extension cord; when the work area is moved from the power source an extension cord of sufficient thickness and rated capacity eg. 3phase lead, should be kept in the shortest length possible and while practice.

## Specifications

|                 |             |
|-----------------|-------------|
| Voltage         | 415 Volt    |
| Input           | 5hp         |
| Max cutting     |             |
| Dimensions: 90° | 140mmx140mm |
| 45°             | 140mmx90mm  |
| No Load Speed   | 2900RPM     |
| Weight          | 75Kg        |

## Cutting Procedures

Caution! It is dangerous to remove or install the workpiece while the cut-off machine is running.

### 1. Switch Operation

The switch is manually turned on the control box is clearly marked ON –OFF

### 2. Cutting

Gently press down on the handle and bring the cut-off wheel close to the cutting material .

3. When the cut-off wheel contacts the cutting material gently push down on the handle further and start cutting.

4. When cutting is completed raise the handle and restore it to its original position and turn the power to OFF position.

5. Once machine has cut the job, always make sure the cut-off machine is turned off and only then can you loosen the vise and move material.

## REMEMBER SAFETY FIRST ALWAYS

### Parts list

|                 |                            |
|-----------------|----------------------------|
| Sc406/23        | operation rod              |
| Sc406/27        | wheel guard                |
| Sc406/31        | shaft spindle              |
| Sc406/36        | front pulley               |
| Sc406/37        | belt pulley                |
| Sc406/39        | pulley cover               |
| Sc406/6         | vise handle                |
| Sc406/7         | circular handle            |
| Sc406/8         | vise spindle               |
| Sc406/f         | flanges inside and outside |
| Sc406/key       | key                        |
| Sc406/lb        | flange lock bolt           |
| Sc406/spinhouse | main spindle housing       |
| Sc406/spring    | spring                     |
| Sc406/wheels    | wheels                     |