

# KEECH ENGINEERING

## TREADLE GUILLOTINES

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## Introduction

This machine has been built in Australia, by a family run company which takes pride in the final products quality and reliability.

Some quality features of this machine are:

- Fully machined slides for years of accurate cutting.
- Fully Machined box type bed and head for torsion strength.
- Strong construction with full length weld seams.
- Other machines available up to 3m-10ft long.
- Also spare parts are available for all machines.

## PLANT SAFETY PROGRAM

### NEW MACHINERY HAZARD IDENTIFICATION, ASSESSMENT & CONTROL

**Description:** Guillotine    **Model:** 2470 x 1.6mm    **Brand:** Australian Metalmaster

Developed in Co-operation Between A.W.I.S.A & Australia Chamber of Manufactures. This program is based upon the Australian work safe standard for plant (NOHSC:1010-1994)

ITEM NUMBER	HAZARD IDENTIFICATION	HAZARD ASSESSMENT	RISK CONTROL STRATEGIES
B	CRUSHING	MEDIUM	Secure & support work material. Keep hands clear of blades when cutting.
C	CUTTING, STABBING & PUNCTURING	MEDIUM	Wear gloves to prevent cuts from sharp material off cuts..
D	SHEARING	MEDIUM	Body parts should be kept clear of moving parts. Do not adjust or clean until machine has fully stopped.
F	STRIKING	MEDIUM	Ensure guards are secured properly. Wear safety glasses..
O	OTHER HAZARDS & NOISE	LOW	Wear hearing protection as required.

**PLANT SAFETY PROGRAM TO BE READ IN CONJUNCTION WITH MANUFACTURES INSTRUCTIONS**

# **SAFETY**

- **KEEP HANDS AND FINGERS CLEAR OF BLADES AT ALL TIMES.**
- **KEEP BODY COMPLETELY CLEAR OF JOB.**
- **KEEP BODY CLEAR OF FOOT PEDAL AT ALL TIMES.**

## **Operation Procedure**

- Install the machine on a flat concrete foundation and adjust the machine level.
- Mark out desired size on sheet metal, place sheet under clamp beam and line up marks on blades.
- When in correct position tread on foot pedal until blades have cut right through sheet.

## **METAL MASTER GUILLOTINE**

### **SPECIFICATIONS**

MODEL	8ft Guillotine	4ft Guillotine
Blade size	50x12 x2470mm	40x10x1270
Back stop length	430mm	430mm
Front supports	430mm	430mm
Total Weight	TBA	TBA

### **Cutting CAPACITY**

Cutting Length	2470mm (8ft)	1270mm (4ft)
Mild Steel	1.6mm	1.6mm
Stainless Steel	1.2mm	1.2mm

**4ft,6ft & 10ft MACHINE'S ALSO AVAILABLE**

## **Foreword**

For the satisfactory performance of this machine, it is essential that all personal concerned with the operation, maintenance and production management be fully familiarized.

With the specifications, capacities, construction and functions of the machine, their components and related equipment as well as the correct methods for their operation and maintenance etc.

This manual has been prepared as a guide not only for shop workers but for shop managers to meet the above mentioned requirements.

## **Slinging**

Make sure of the following before slinging. Ensure that the sling is of adequate load carrying capacity and adjust the position of carriage for balancing.

## **Leveling**

The machine should be placed on a level, concrete floor foundation.

The production accuracy of all precision machinery depends on the accuracy with which the machine is installed.

Install the machine according to the following:

Lower the machine on the prepared foundation.

When you adjust the machine level, you should use a level gauge so that the machine has the accuracy within 0.1mm/1m machine slides must be parallel to each other and than secured to concrete base [ this is very important for the machines accuracy and lifespan of the blades.]

**Under no circumstances should the two blades touch.**

## Lubrication

An all purpose grease should be used on all grease nipple points on a regular basis.

- Recommended grease types**

- ESSO beacon 2**

- MOBIL mobilux 2**

- SHELL alvania**