

INSTRUCTION MANUAL

NSW Schools / TAFE - KP-4 Manual Panbrake 1250 x 2mm



K8302

KEECH ENGINEERING

PANBRAKE 2MM X 2470MM

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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:

- Positive manual clamp ensures safety for the operator and easy job set up.
- Uniquely designed full plate fingers with cut outs for easy handling.
- 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: Panbrake **Model:** 2470x2mm **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 folder blades when clamping.
C	CUTTING, STABBING & PUNCTURING	MEDIUM	Wear gloves to prevent cuts from sharp material off cuts. Care must be taken when handling folder blades.
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. Ensure blade fingers are secured to clamp beam. Keep clear of bending material. Ensure clamp beam is correctly adjusted.
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 CLAMPING FINGERS BLADES AT ALL TIMES.**
- **KEEP BODY COMPLETELY CLEAR OF JOB AND BENDING APRON WHILST OPERATING .**

Operation Procedure

- Install the machine on a flat concrete foundation and adjust the machine level.
- Using the manual handle, lift up finger clamps and place work piece on bed.
- Place work piece in correct position, using manual handle clamp fingers down tight onto job ready for bending.
- Bend material to desired angle (make sure to use counterweight for easier bending).

<u>METAL MASTER PANBRAKE</u>		
SPECIFICATIONS		
MODEL	2MM	
BENDNG ANGLE	135 degrees	
BEAM ADJUSTMENT	25MM - 1"	
MIN REVERSE BEND	15MM - 5/8 "	
TOTAL WEIGHT	TBA	
BENDING CAPACITY		
BENDING LENGTH	2470	
MILD STEEL	2MM	
STAINLESS STEEL	1.6MM	
FULL BLADE FOLDERS & 4ft,6ft & 10ft MACHINE'S ALSO AVAILABLE		

<u>METAL MASTER PANBRAKE</u>		
<u>STANDARD FINGER WIDTH & NUMBER OF FINGERS</u>		
MODEL	2MM	
THICKNESS OF FINGERS	28MM	
WIDTH OF FINGERS	250MM	
LENGTH OF FINGER SEGMENTS	1X50	
	1X75	
	1X100	
	1X125	
	1X150	
	1X200	
	1X250	
	3X300	
	2X310	
FULL BLADE FOLDERS & 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/1000mm>.

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**



Manual Panbrake 2MM x 2470MM



- 1. Handle
- 2. Fingers
- 3. Apron Adjustment
- 4. Head Adjustment