THE 'NEW' DAWN

HYDRAULIC PIPE BENDER

FOR THE PLUMBER, BUILDER, BOILERMAKER, FARMER, HANDYMAN.

The new Dawn Pipe Bender can be carried in one hand and used anywhere on almost any job where pipe or bar is to be bent.

- **NO HEATING**
- **NO SCALING**
- **NO DAMAGE TO GALVANISING**

ADVANTAGES

1. Bends at exact spot.
2. Eliminates costly fittings.
3. No heating or filling required.
4. Inexpensive, fast (Standard 1″ pipe bent 90° in less than 30 seconds) efficient.
5. Costs less than one week's wages for a tradesman.

APPLICATIONS

Water services, Gas services, Hand rails, Gates, Fences, Framework for buildings, Bull Bars.

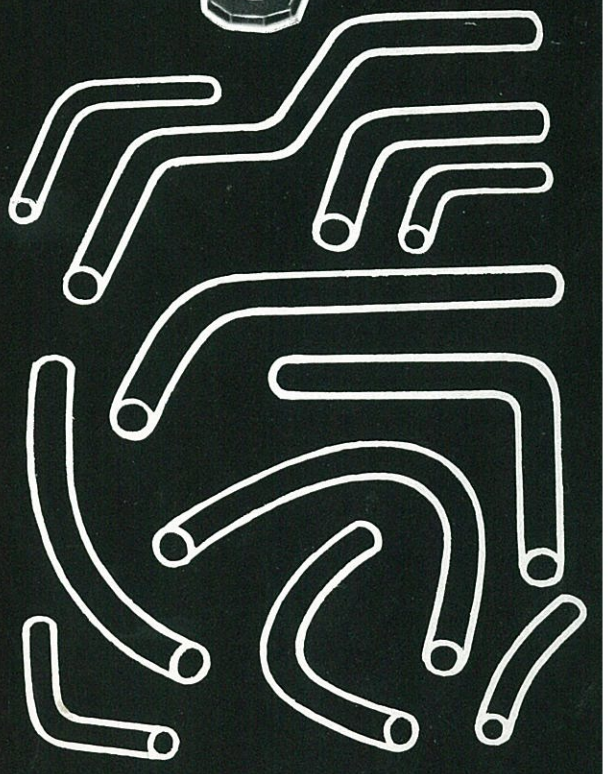
SIZES

1-1/2″ Machine (Cat. No. 12860-2). Complete with formers for gas, water and steam pipes 1/2″, 3/4″, 1″ and 1-1/4″.

2″ Machine (Cat. No. 12863-7). Complete with formers for gas, water and steam pipes 1/2″, 3/4″, 1″, 1-1/4″, 1-1/2″ and 2″.

ALSO A USEFUL JACK

By releasing two bolts, the power unit can be removed and used as a 10 ton capacity hydraulic lifting jack.



These are just a few of the bends that the new 'DAWN' Pipe Bender can make for you.

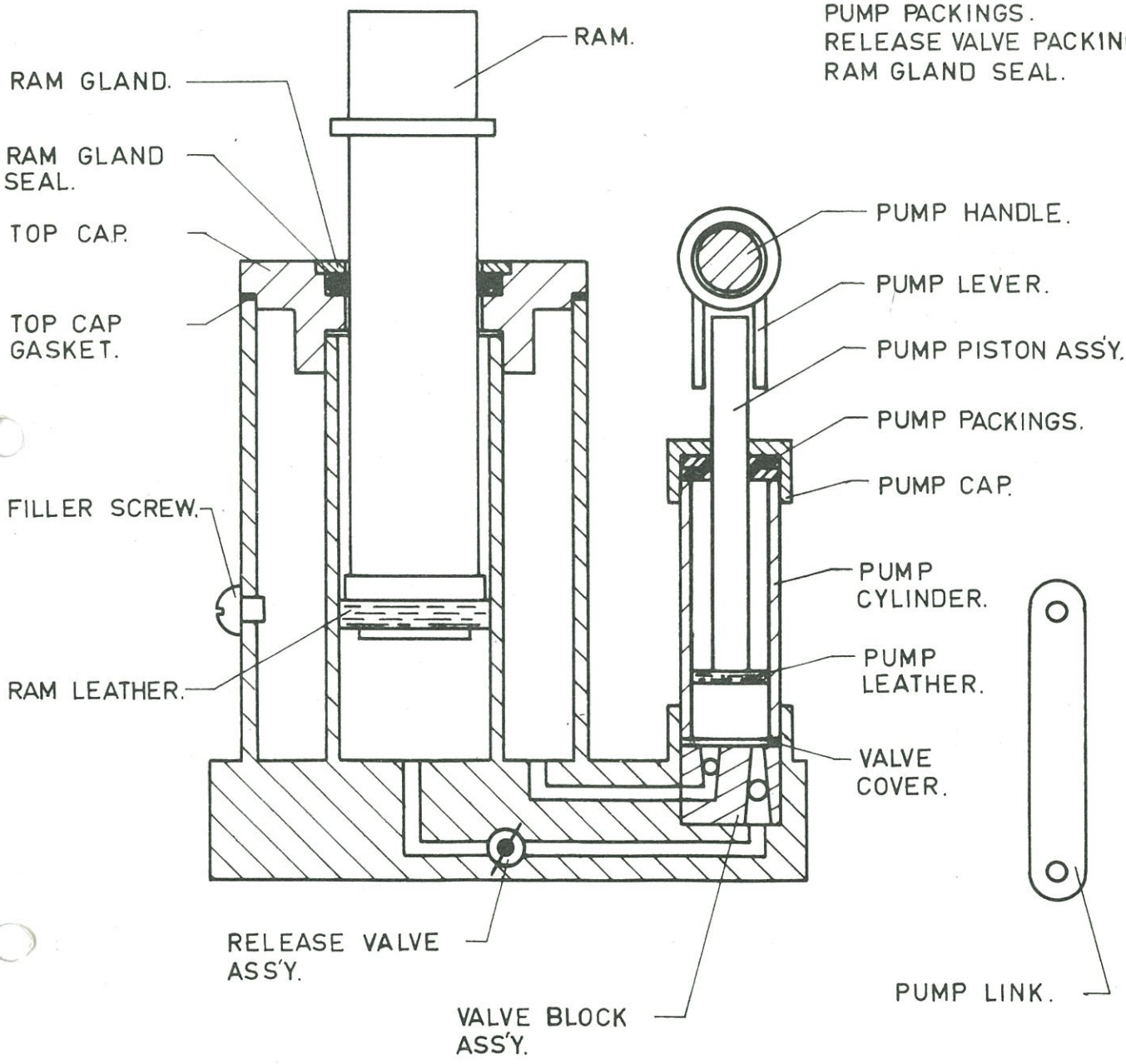
DAWN TOOLS & VICES

1 NORRIS STREET, NTH. COBURG, MELBOURNE, 3058
PHONE: 350 3811 (6 LINES)

SPARE PARTS — PIPE BENDER, HYDRAULIC UNIT.

GASKET REPAIR KIT.

RAM LEATHER.
PUMP LEATHER.
PUMP PACKINGS.
RELEASE VALVE PACKINGS.
RAM GLAND SEAL.



CARE AND OPERATION OF THE DAWN PIPE BENDER — MODELS 32 mm AND 50 mm

TO FILL RESERVOIR: The reservoir has already been filled, but should refilling become necessary it is essential that only good grade engine oil is used (S.A.E. 10 or 20). **DO NOT USE HYDRAULIC BRAKE FLUID.**

TO OPERATE: Select a former to suit the pipe to be bent, place it in position on the ram, and the two rollers between the frame with the pins through the appropriate holes for the particular size pipe. The centre of the former should contact the pipe at the centre of the proposed bend.

AIR LOCK: If the machine has been idle for some time, or if it has been in an inverted position, an air lock may occur and it will be found that it will not operate when pumped. To dispel the air, open the release valve one full turn and operate the pump by making 8 or 10 full strokes.

TO MAKE BEND: Close release valve and operate the pump until the ram has travelled sufficient distance to give the desired bend. Owing to the spring reflex of the pipe it is necessary to travel a little more than the actual bend, but with a little practice the operator will soon become proficient in making excellent bends.

TO REMOVE BEND: Open the release valve and push the ram back to its normal position. If difficulty is experienced in removing the former from the bend, it is suggested that a pointed pinch-bar is inserted between the bend and the former. A small quantity of grease placed on the pipe or the former will also assist.

CAUTION. Care must be taken to see that the pins pass through the top and bottom plates.

OVER-RUN: At the limit of its stroke, an internal bypass prevents the ram from travelling beyond its point of safety. Care should be taken not to continue pumping at this point. Continuous pumping will damage the ram seal and result in loss of power.

DAWN TOOLS & VICES
A DIVISION OF SIDDONS PTY. LTD.