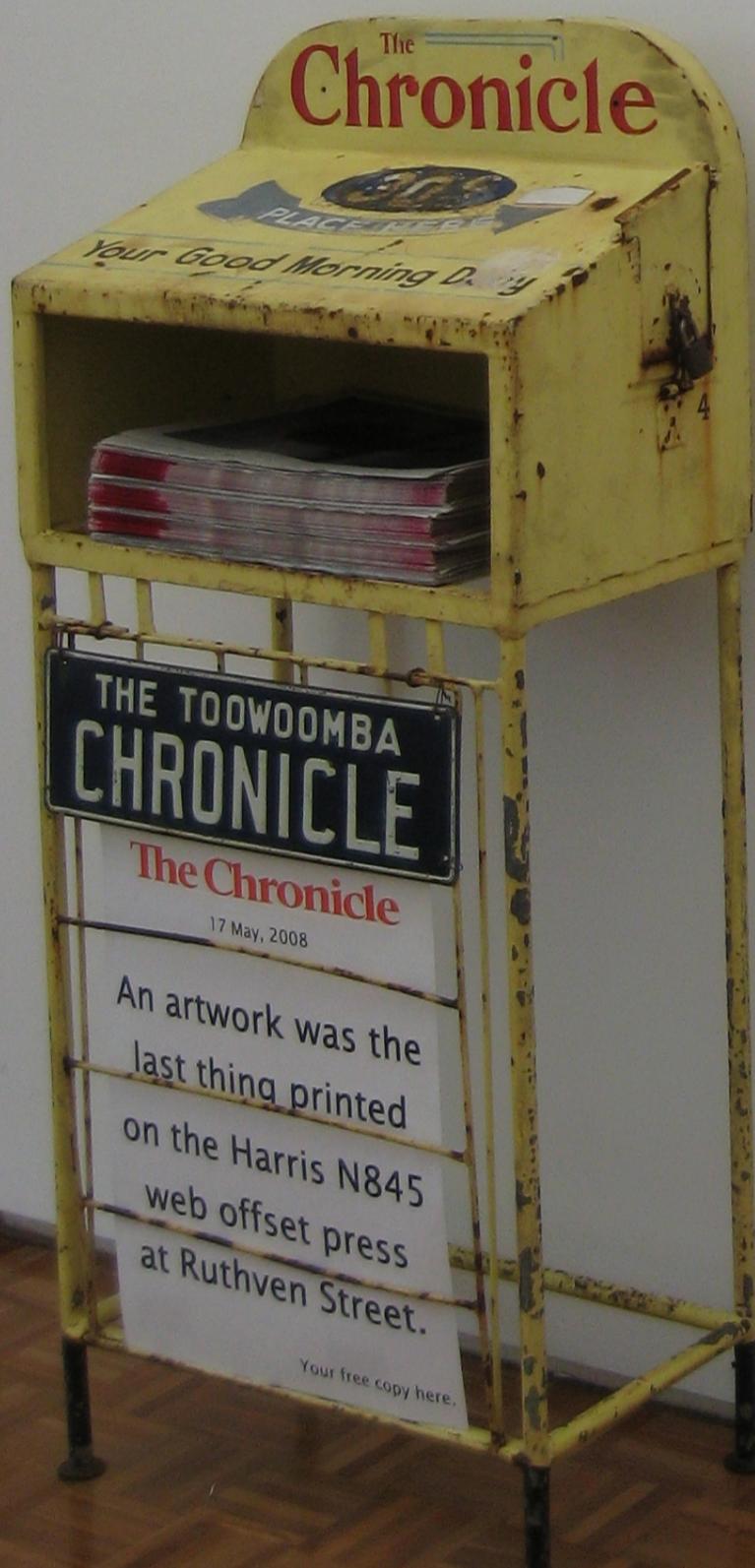


Print Chronicles: local newspaper printing history informing the Make-ready exhibition

Deborah Beaumont



For nearly 30 years it was used to print local, regional and rural newspapers including The Chronicle. The total size of the press once fully installed was 30 metres in length, 4.5 metres high and 3 metres wide.

The last print run of the Harris Press

On May 15, 2008 the Harris 845 newspaper printing press at The Chronicle completed its final print-run. This was not a standard job. It was the spoils paper - an artwork created to mark the end of an era! The spoils paper takes its name from the word, *spoils*. Spoils are the incidental and accidental prints created when the press is cleaned at the end of a print-run. Generally these spoils are placed on a pallet in order to go to the paper recyclers, but as an artist I have been collecting and working with them for years. The spoils paper titled *Twofold*, is a tabloid-format artwork that contains images that are either photographs of the printing site (2007-2008) or pictures of spoils. No two papers are identical.

The spoils papers in this newspaper stand were made through the collaboration between APN Print Toowoomba and artist, Deborah Beaumont. They are historic documents that celebrate nearly 30 years of print production at The Chronicle, Ruthven Street.

Your free copy available at the newspaper stand.







Linotype operator, 1970s



Unidentified worker, 1970s



Unidentified worker, 1970s



How your Chronicle is produced . . .

There are 12 separate stages, from the gathering of news to the final product.

STAGE ONE: The reporter gathers his information by phone or personal interview; either telephone, or overseas cables.

The reporter writes his news on copy-paper (about the size of this page).

STAGE THREE: The copy is turned to the editor, who checks facts and grammar, and rewrites it if necessary. The editor sends the copy to the advertising department, who value it, and decide where it will appear in the paper. The most significant news stories receive the best treatment, thus decide in what type the copy will be printed, and put headings on it.

The Chronicle uses at least 12 different types, in varying sizes, to present its news. The use of a variety of types makes our pages "full-grown".

A plan of the following day's paper, showing the position of the different news items allocated to the editorial department by the advertising department. This plan (or "layout" as it is called) is completed by the sub-editor and sent to the composing room.



• The reporter gathers his information

STAGE FOUR: The composing room is the composition of news stories and advertising. These are set in type in their proper place. The copy is then converted into the reporter's news stories, inserted into metal frames according to instructions marked by underlines.

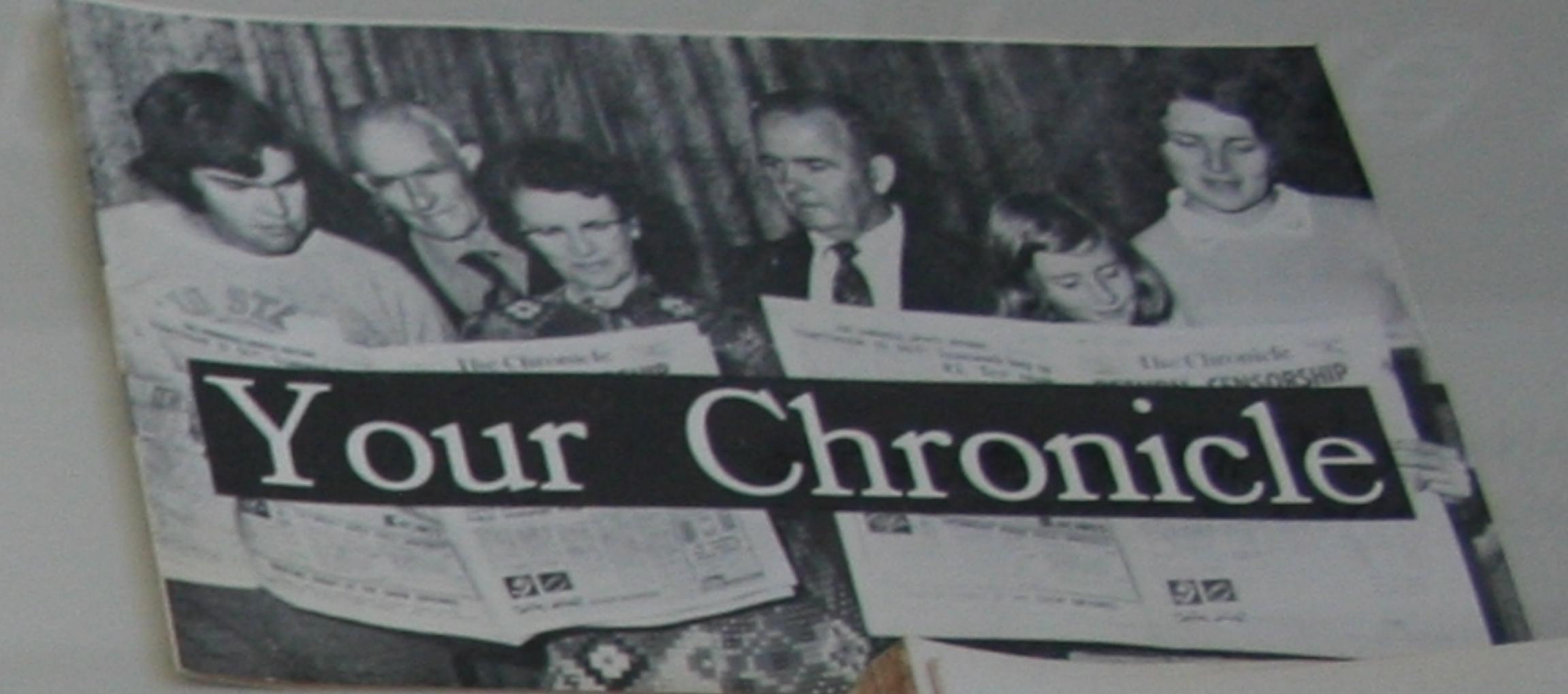


• The sub-editor "processes" the news

STAGE FIVE: The type is put in the correct order, and an inked impression, or proof, of the item is made to the pressroom, where it is against the original copy for comparison. Any errors in the matrices receive a new, correct one.



• The linotype operator converts the news copy into metal type



Your Chronicle

STAGE SIX: On one side of the composing room several movable steel tables (called stones) are drawn up in lines. On each of these tables is placed a frame the size of two pages of The Chronicle.

These are the composing room's "pages" and it is one of these frames that the reporter's news item is now placed by the compositor, who follows the instructions set out on the sub-editor's layout sheet.

Sub-editors are called upon to cut news items to fit, or to provide "filler" items to complete such page.

STAGE SEVEN: The completed page is wheeled away on its table to have a cardboard impression of the page made, known as a matrice, as it is called, is made by forcing a sheet of card-fibre down on the metal page's surface, under 400 tons of hydraulic pressure, but cushioned by blankets.

STAGE EIGHT: The matrice is used as a substitute for the page as it approaches the concluding stages of its production.



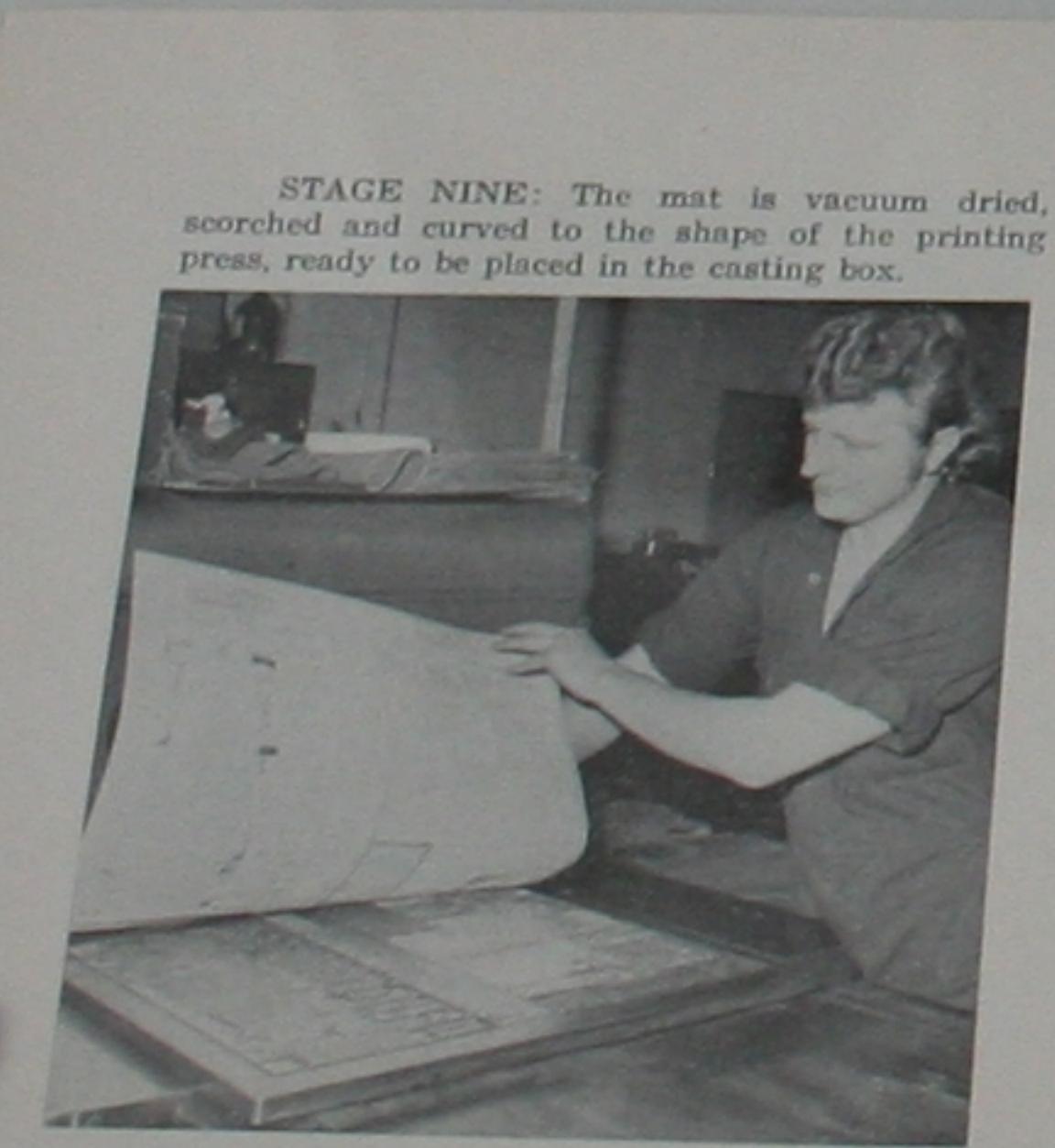
• A proof is made of the type



• Readers check proofs for mistakes



• The compositor places the news item in the page



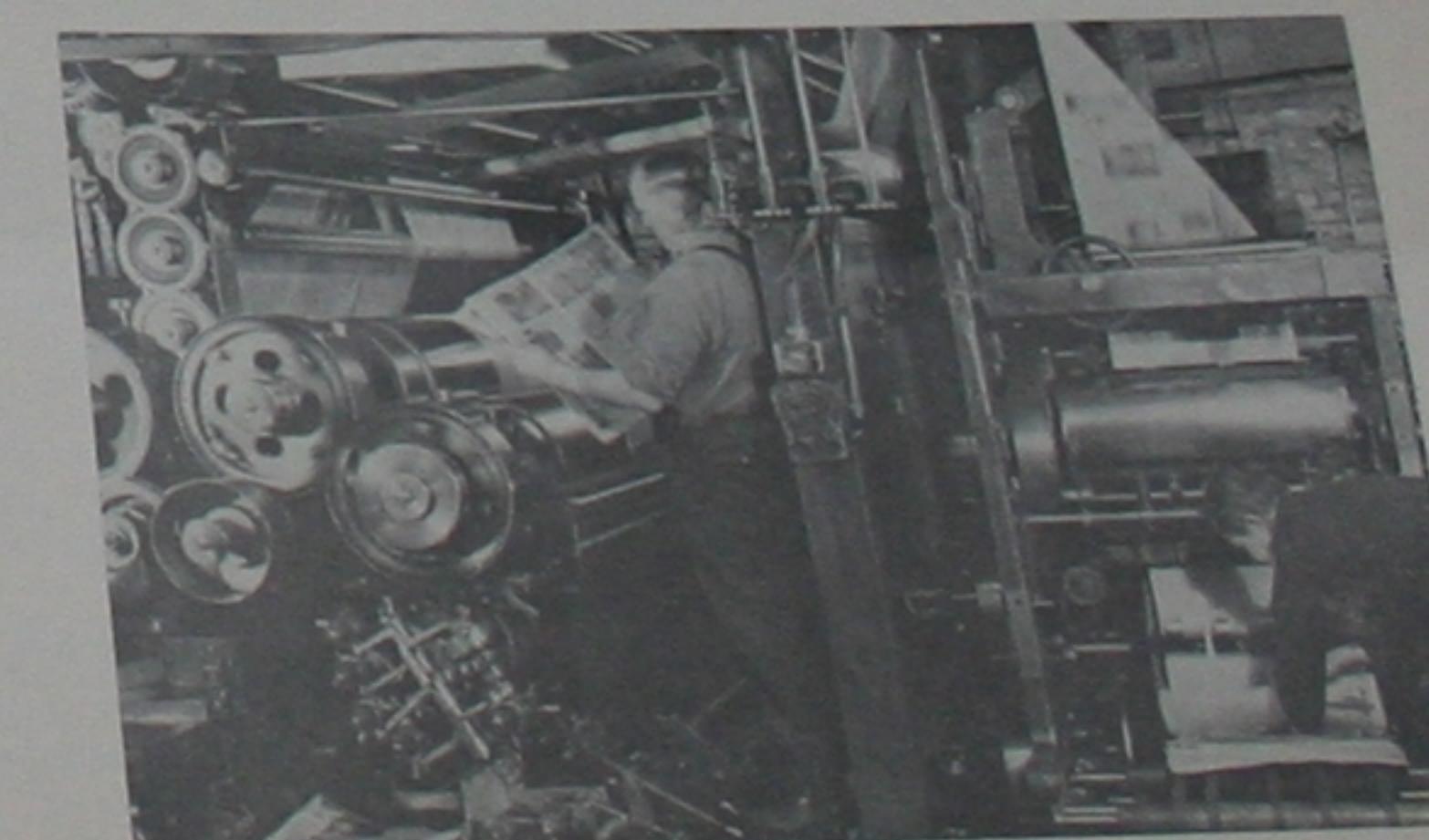
• A matrice — or cardboard-fibre impression — is made



• The press plate, made from the matrice, is trimmed

STAGE 10: Page mats are placed vertically into the casting box, and molten metal is pumped into the semi-circular box from an electric melting pot. The metal is then water cooled and comes out of the box with a perfect replica of the page on its outside face.

The Chronicles are then dispatched by road and rail to readers. A fleet of vans makes daily runs throughout the city delivering the newspaper to thousands of homes. Thousands more go into the rural areas. Some go overseas. We've been told we even have a reader or two in Greenland!



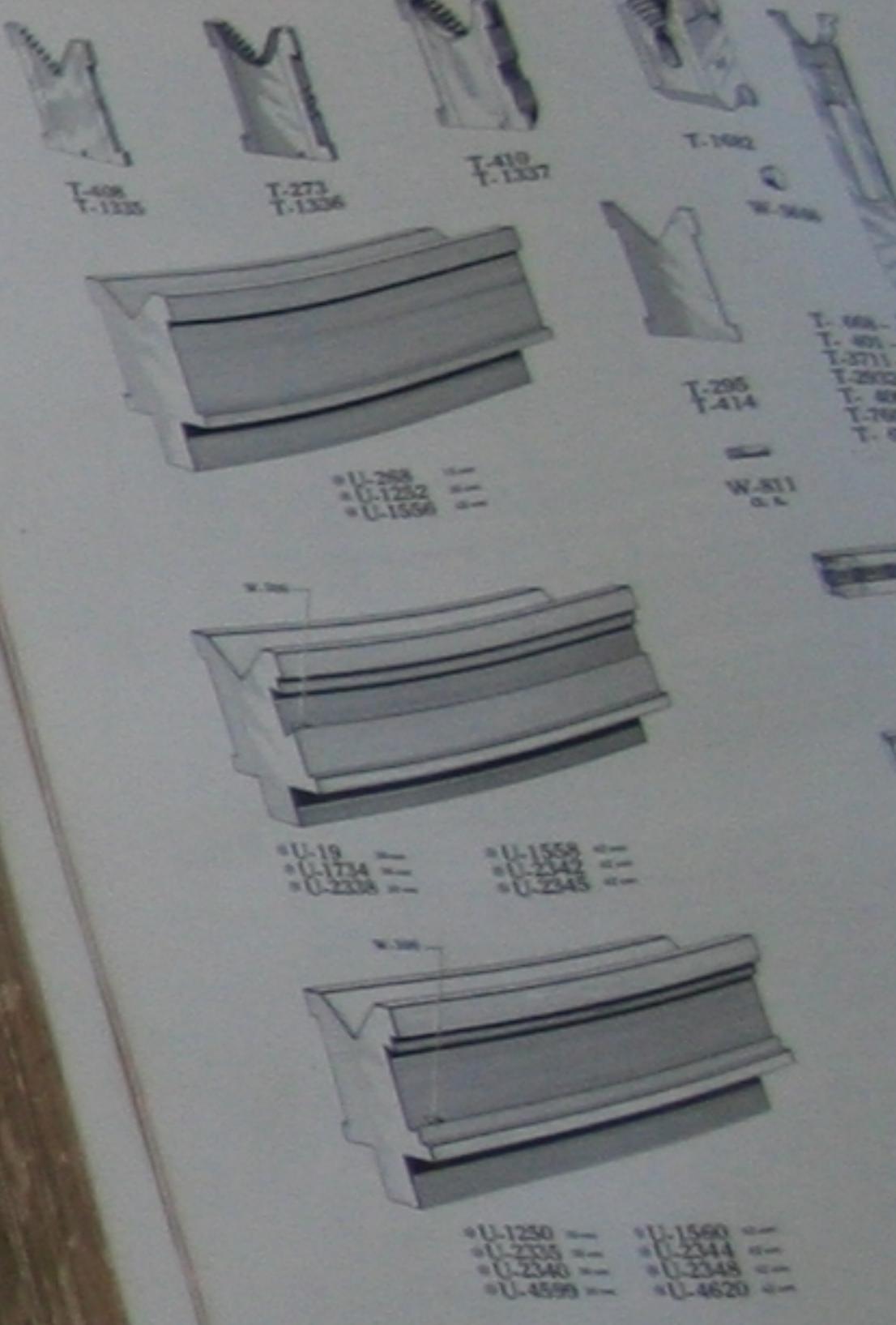
• The plates have been mounted on the press . . . and "They're rolling!"

STAGE 11: The metal plates are shaved in an automatic machine to ensure an even thickness throughout.

STAGE 12: The page-plates are fixed on to the press. Ink is rolled up on to the press from ducts below. Paper is fed in from the rolls, and at edition time "They're rolling!"

© 1968 General Intertypewriters Inc. Printed in U.S.A.

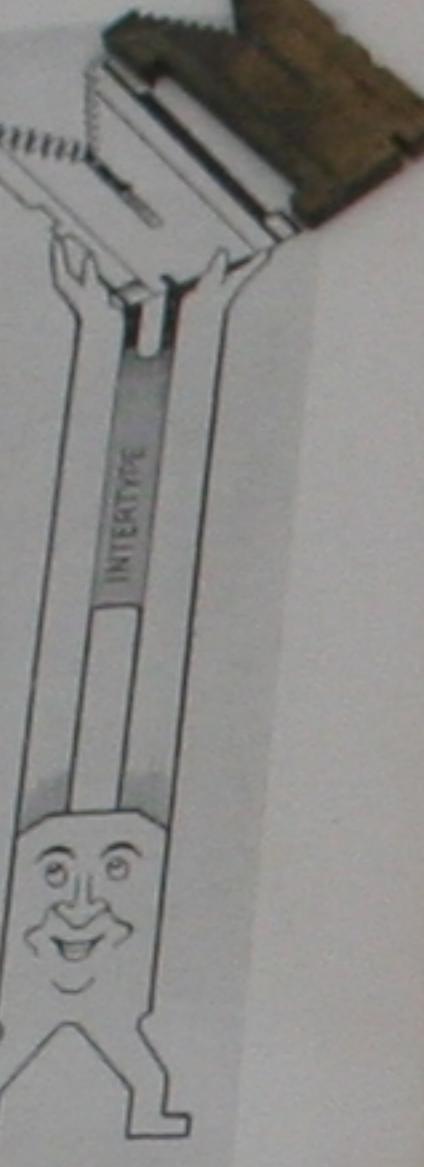
Matrices and Spacebands



Intertypewriters manuals and parts catalogue.
(on loan, courtesy of Pamela Hahn daughter of Robert Angus Moncrieff)

Matrices and Spacebands	
NAME OF PART	379
Assembled size, 24 points	30 to 42 ems
Assembled size, 30 points	30 to 42 ems
Assembled size, 34 points	30 to 42 ems
Assembled size, 36 points	30 to 42 ems
Assembled size, 38 points	30 to 42 ems
Assembled size, 40 points	30 to 42 ems
Assembled size, 42 points	30 to 42 ems
Assembled size, 44 points	30 to 42 ems
Assembled size, 46 points	30 to 42 ems
Assembled size, 48 points	30 to 42 ems
Assembled size, 50 points	30 to 42 ems
Assembled size, 52 points	30 to 42 ems
Assembled size, 54 points	30 to 42 ems
Assembled size, 56 points	30 to 42 ems
Assembled size, 58 points	30 to 42 ems
Assembled size, 60 points	30 to 42 ems
Assembled size, 62 points	30 to 42 ems
Assembled size, 64 points	30 to 42 ems
Assembled size, 66 points	30 to 42 ems
Assembled size, 68 points	30 to 42 ems
Assembled size, 70 points	30 to 42 ems
Assembled size, 72 points	30 to 42 ems
Assembled size, 74 points	30 to 42 ems
Assembled size, 76 points	30 to 42 ems
Assembled size, 78 points	30 to 42 ems
Assembled size, 80 points	30 to 42 ems
Assembled size, 82 points	30 to 42 ems
Assembled size, 84 points	30 to 42 ems
Assembled size, 86 points	30 to 42 ems
Assembled size, 88 points	30 to 42 ems
Assembled size, 90 points	30 to 42 ems
Assembled size, 92 points	30 to 42 ems
Assembled size, 94 points	30 to 42 ems
Assembled size, 96 points	30 to 42 ems
Assembled size, 98 points	30 to 42 ems
Assembled size, 100 points	30 to 42 ems
Assembled size, 102 points	30 to 42 ems
Assembled size, 104 points	30 to 42 ems
Assembled size, 106 points	30 to 42 ems
Assembled size, 108 points	30 to 42 ems
Assembled size, 110 points	30 to 42 ems
Assembled size, 112 points	30 to 42 ems
Assembled size, 114 points	30 to 42 ems
Assembled size, 116 points	30 to 42 ems
Assembled size, 118 points	30 to 42 ems
Assembled size, 120 points	30 to 42 ems
Assembled size, 122 points	30 to 42 ems
Assembled size, 124 points	30 to 42 ems
Assembled size, 126 points	30 to 42 ems
Assembled size, 128 points	30 to 42 ems
Assembled size, 130 points	30 to 42 ems
Assembled size, 132 points	30 to 42 ems
Assembled size, 134 points	30 to 42 ems
Assembled size, 136 points	30 to 42 ems
Assembled size, 138 points	30 to 42 ems
Assembled size, 140 points	30 to 42 ems
Assembled size, 142 points	30 to 42 ems
Assembled size, 144 points	30 to 42 ems
Assembled size, 146 points	30 to 42 ems
Assembled size, 148 points	30 to 42 ems
Assembled size, 150 points	30 to 42 ems
Assembled size, 152 points	30 to 42 ems
Assembled size, 154 points	30 to 42 ems
Assembled size, 156 points	30 to 42 ems
Assembled size, 158 points	30 to 42 ems
Assembled size, 160 points	30 to 42 ems
Assembled size, 162 points	30 to 42 ems
Assembled size, 164 points	30 to 42 ems
Assembled size, 166 points	30 to 42 ems
Assembled size, 168 points	30 to 42 ems
Assembled size, 170 points	30 to 42 ems
Assembled size, 172 points	30 to 42 ems
Assembled size, 174 points	30 to 42 ems
Assembled size, 176 points	30 to 42 ems
Assembled size, 178 points	30 to 42 ems
Assembled size, 180 points	30 to 42 ems
Assembled size, 182 points	30 to 42 ems
Assembled size, 184 points	30 to 42 ems
Assembled size, 186 points	30 to 42 ems
Assembled size, 188 points	30 to 42 ems
Assembled size, 190 points	30 to 42 ems
Assembled size, 192 points	30 to 42 ems
Assembled size, 194 points	30 to 42 ems
Assembled size, 196 points	30 to 42 ems
Assembled size, 198 points	30 to 42 ems
Assembled size, 200 points	30 to 42 ems
Assembled size, 202 points	30 to 42 ems
Assembled size, 204 points	30 to 42 ems
Assembled size, 206 points	30 to 42 ems
Assembled size, 208 points	30 to 42 ems
Assembled size, 210 points	30 to 42 ems
Assembled size, 212 points	30 to 42 ems
Assembled size, 214 points	30 to 42 ems
Assembled size, 216 points	30 to 42 ems
Assembled size, 218 points	30 to 42 ems
Assembled size, 220 points	30 to 42 ems
Assembled size, 222 points	30 to 42 ems
Assembled size, 224 points	30 to 42 ems
Assembled size, 226 points	30 to 42 ems
Assembled size, 228 points	30 to 42 ems
Assembled size, 230 points	30 to 42 ems
Assembled size, 232 points	30 to 42 ems
Assembled size, 234 points	30 to 42 ems
Assembled size, 236 points	30 to 42 ems
Assembled size, 238 points	30 to 42 ems
Assembled size, 240 points	30 to 42 ems
Assembled size, 242 points	30 to 42 ems
Assembled size, 244 points	30 to 42 ems
Assembled size, 246 points	30 to 42 ems
Assembled size, 248 points	30 to 42 ems
Assembled size, 250 points	30 to 42 ems
Assembled size, 252 points	30 to 42 ems
Assembled size, 254 points	30 to 42 ems
Assembled size, 256 points	30 to 42 ems
Assembled size, 258 points	30 to 42 ems
Assembled size, 260 points	30 to 42 ems
Assembled size, 262 points	30 to 42 ems
Assembled size, 264 points	30 to 42 ems
Assembled size, 266 points	30 to 42 ems
Assembled size, 268 points	30 to 42 ems
Assembled size, 270 points	30 to 42 ems
Assembled size, 272 points	30 to 42 ems
Assembled size, 274 points	30 to 42 ems
Assembled size, 276 points	30 to 42 ems
Assembled size, 278 points	30 to 42 ems
Assembled size, 280 points	30 to 42 ems
Assembled size, 282 points	30 to 42 ems
Assembled size, 284 points	30 to 42 ems
Assembled size, 286 points	30 to 42 ems
Assembled size, 288 points	30 to 42 ems
Assembled size, 290 points	30 to 42 ems
Assembled size, 292 points	30 to 42 ems
Assembled size, 294 points	30 to 42 ems
Assembled size, 296 points	30 to 42 ems
Assembled size, 298 points	30 to 42 ems
Assembled size, 300 points	30 to 42 ems

AN OPEN LETTER

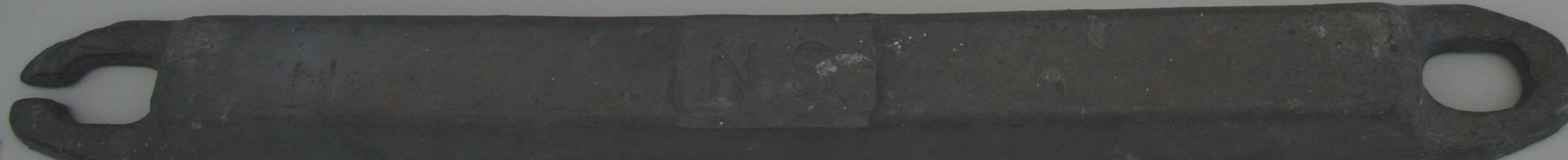
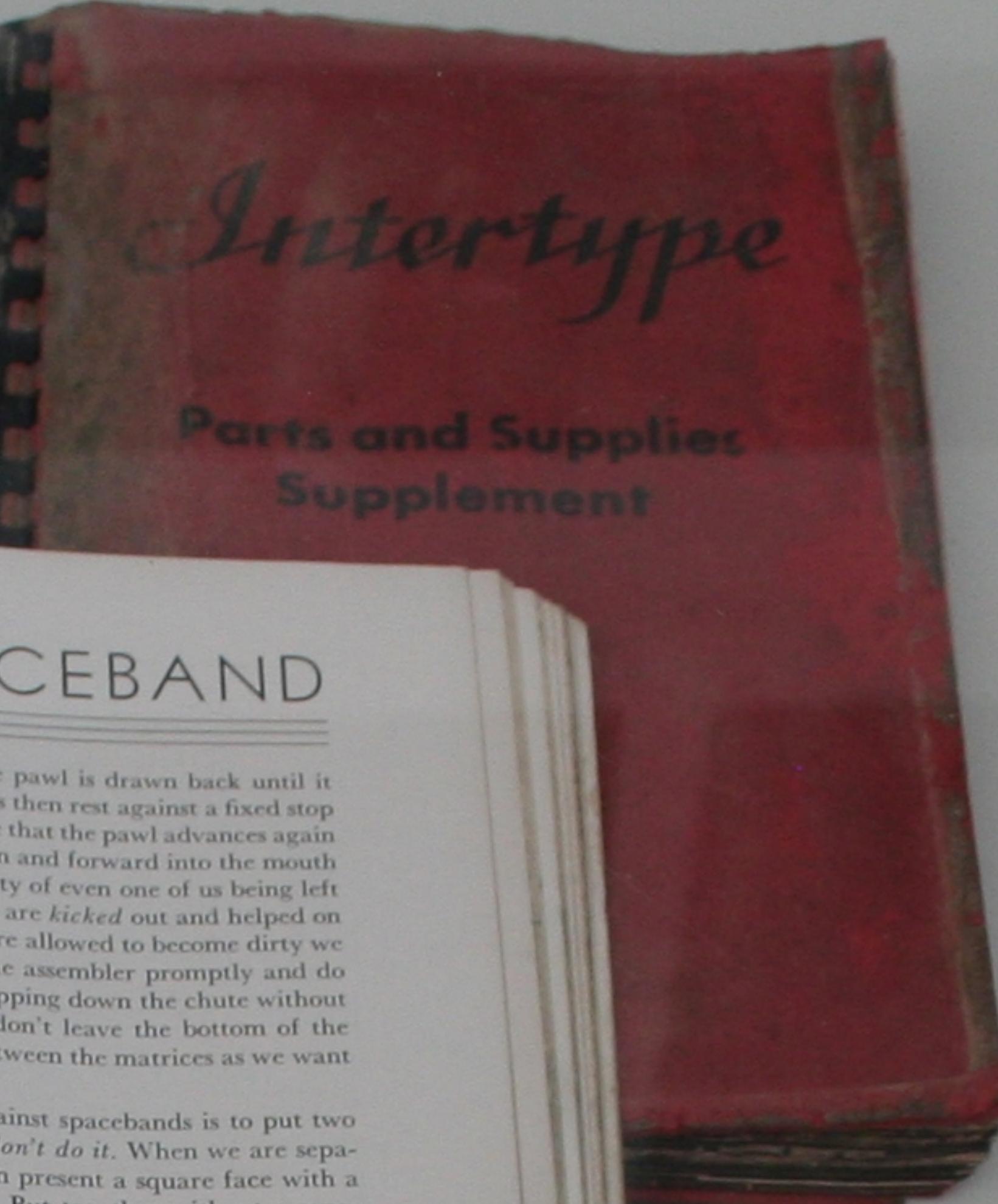


As a long-suffering, frequently ill-used, but (I flatter myself) important part of the Intertype Machine, may I ask for a little of your valuable space to bring my point of view before your readers?

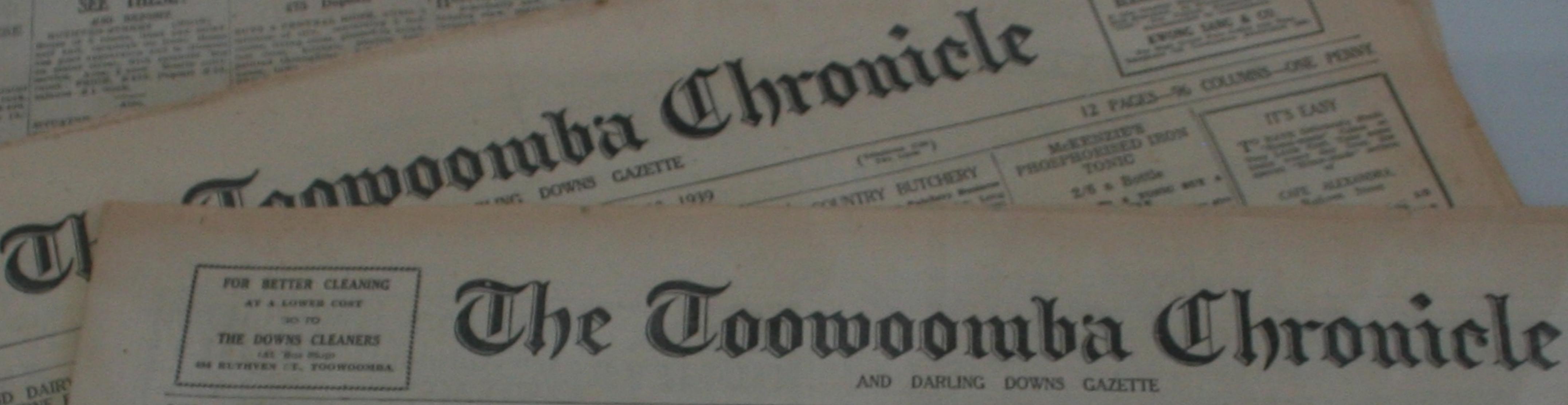
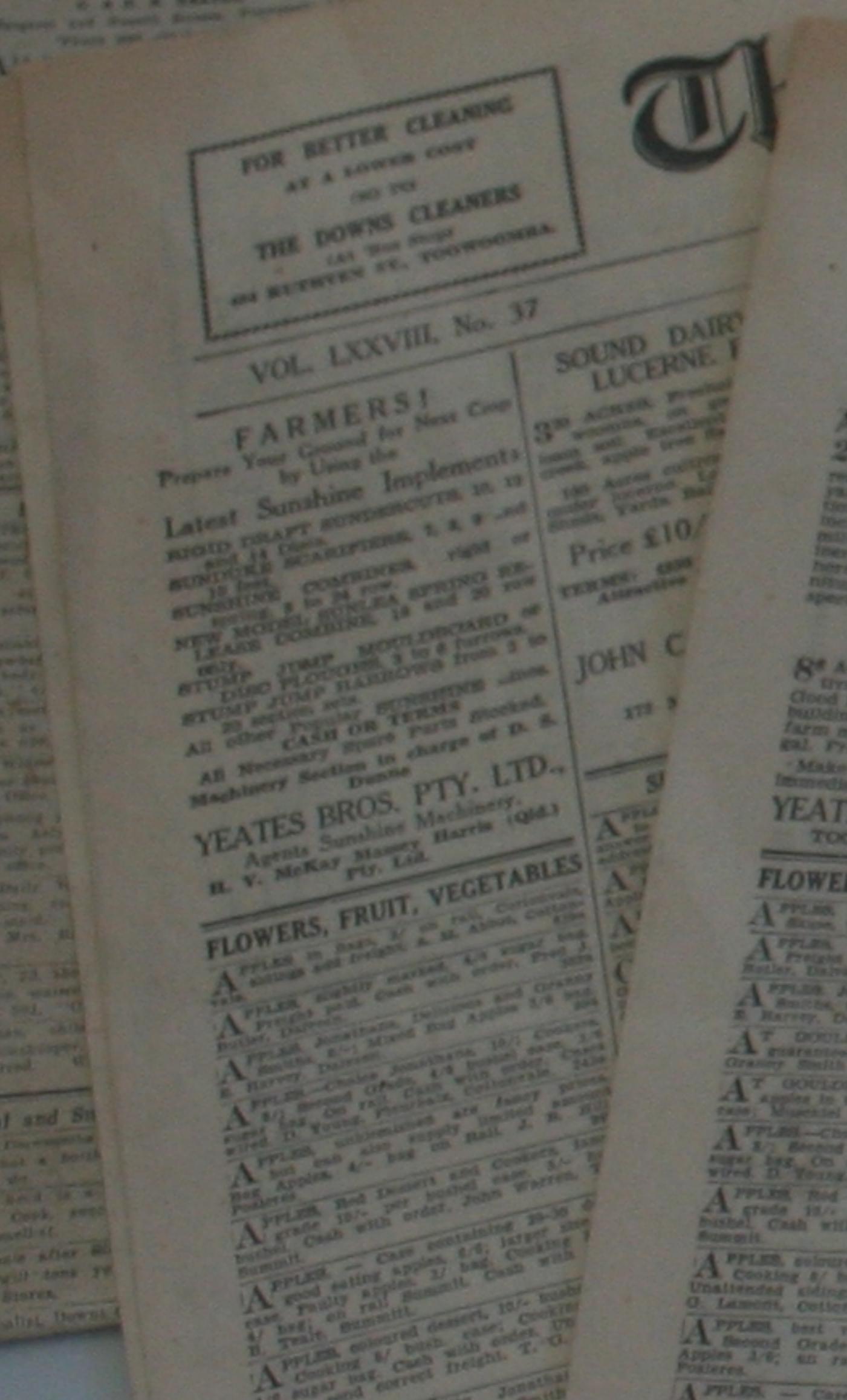
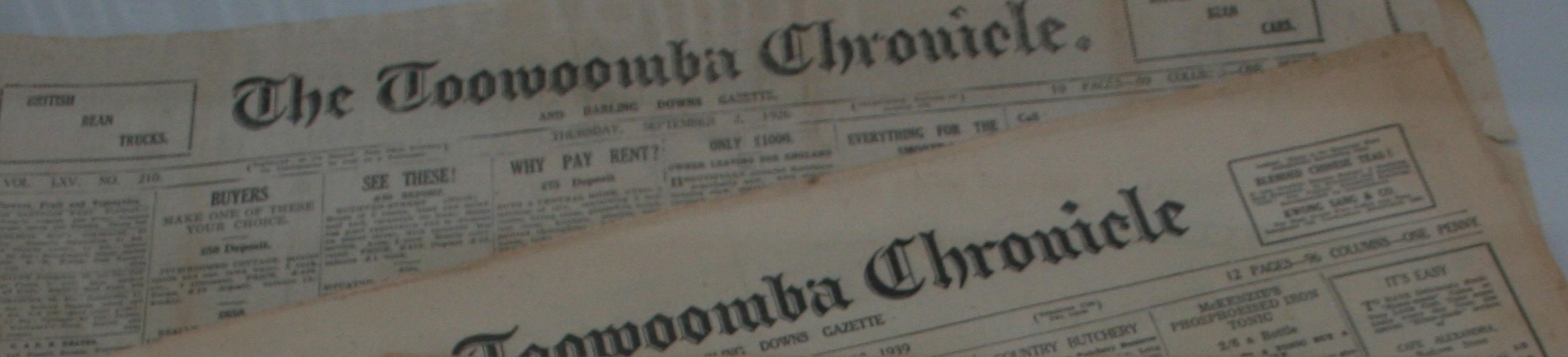
- First of all, I like to be clean. I cannot be expected to do my job thousands of times daily unless I am clean. So, at least once during each eight hours' working, rub me on a nice flat board on which has been sprinkled dry, flake graphite. Please keep the movement from head to foot: if you rub me sideways you tend to spoil my nice sharp edges.
- If I am kept clean, metal will not adhere to my side, and I can leave my resting place in the spaceband box and drop down the chute cleanly and quickly to my correct position in the line. When not cleaned regularly and properly I get dirty and sticky; metal adheres to me, and then my cousins, the matrices, suffer, because metal adhering to me pushes in the matrix side walls, ultimately destroying the walls and causing hair-lines which is a great menace to the production of good work.
- Next, I want my home, the spaceband box, to be kept clean. Look into the box with me and observe what happens. Take off the keyboard belt, depress the spaceband key, turn the keyboard rollers slowly, and watch the little pawl just beyond the board.

BY A SPACEBAND

[Reprinted from *Interludes*. Set in 12 Point Baskerville.]



AMERICAN



The Toowoomba Chronicle –
Thursday, September 2, 1926
(See loan courtesy of Pauline Collins)

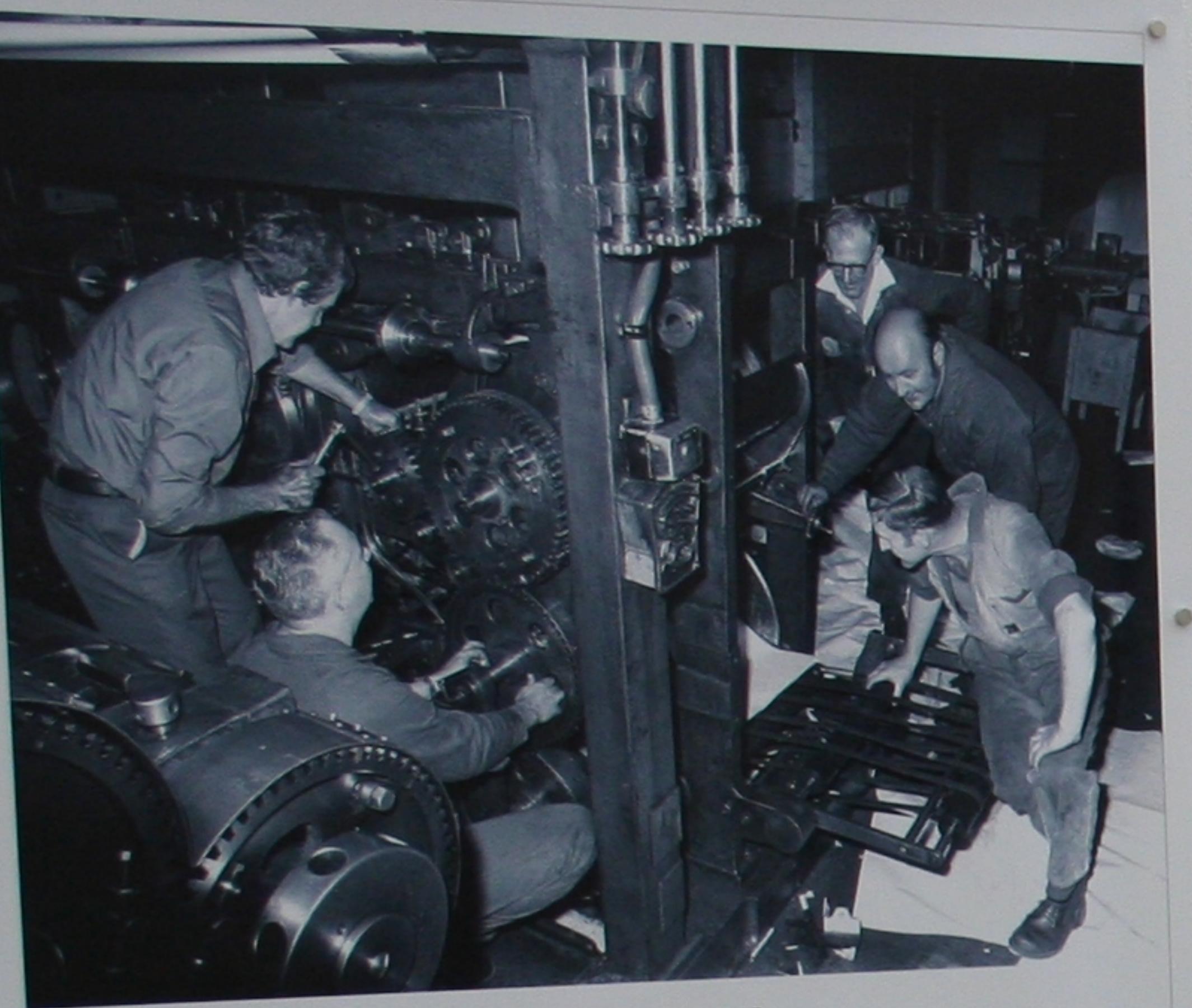
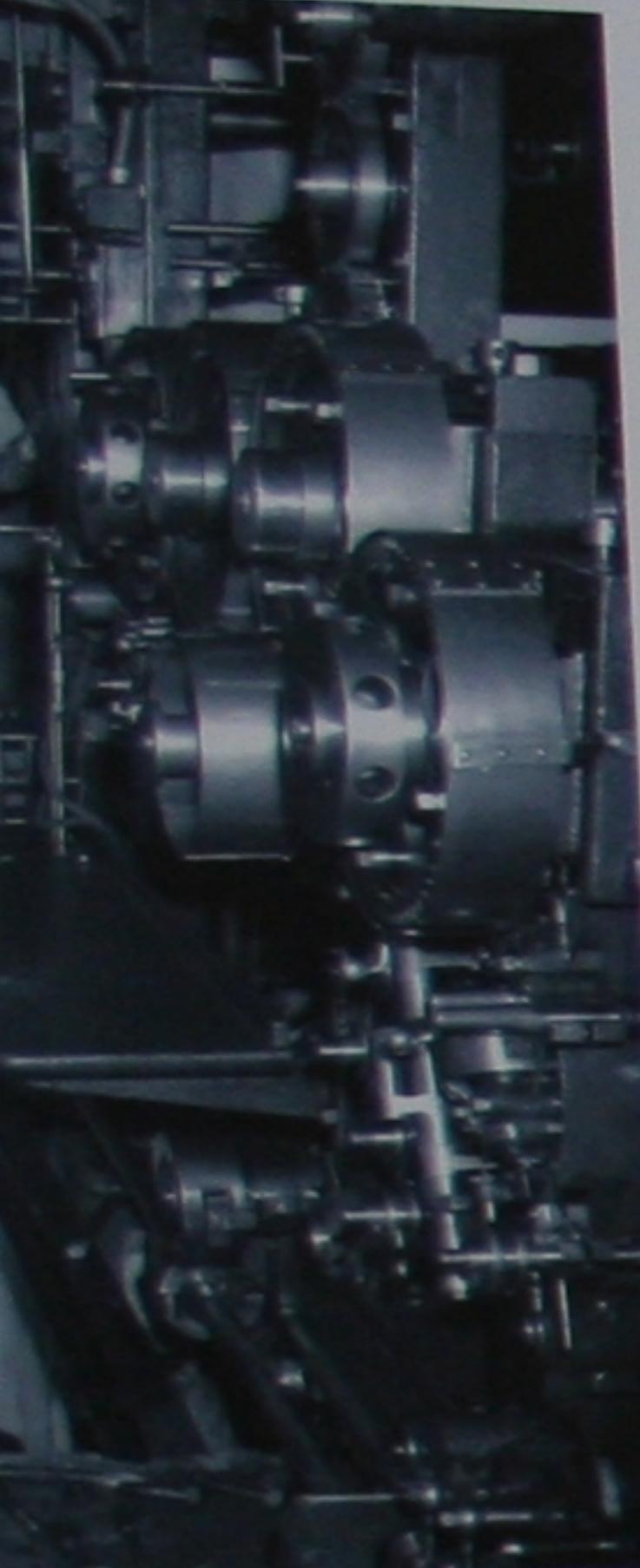
ROYAL MAIL SUPPLEMENT

GARDENERS' GUIDE
W. on Dairy, vegetables, fruit, etc., for
choice general farm manager.
Claude Ferguson, Kilkivan, Qld. Tel. 2122.
WANTED: Well experienced dairyman
to manage our farm, located 1½ miles
from Kilkivan. Tel. 2122.

SOCER.—A meeting of members and
leading members of the Big Star Club
will be held at Parkside, Bulwer-street,
Toowoomba, on Saturday, September 10,
1927, at 8 p.m.

FOR FULL DETAILS OF THE
TOOWOOMBA CHURCH
OF ENGLAND SCHOOLS
RING 78 or 67 THE TAXI

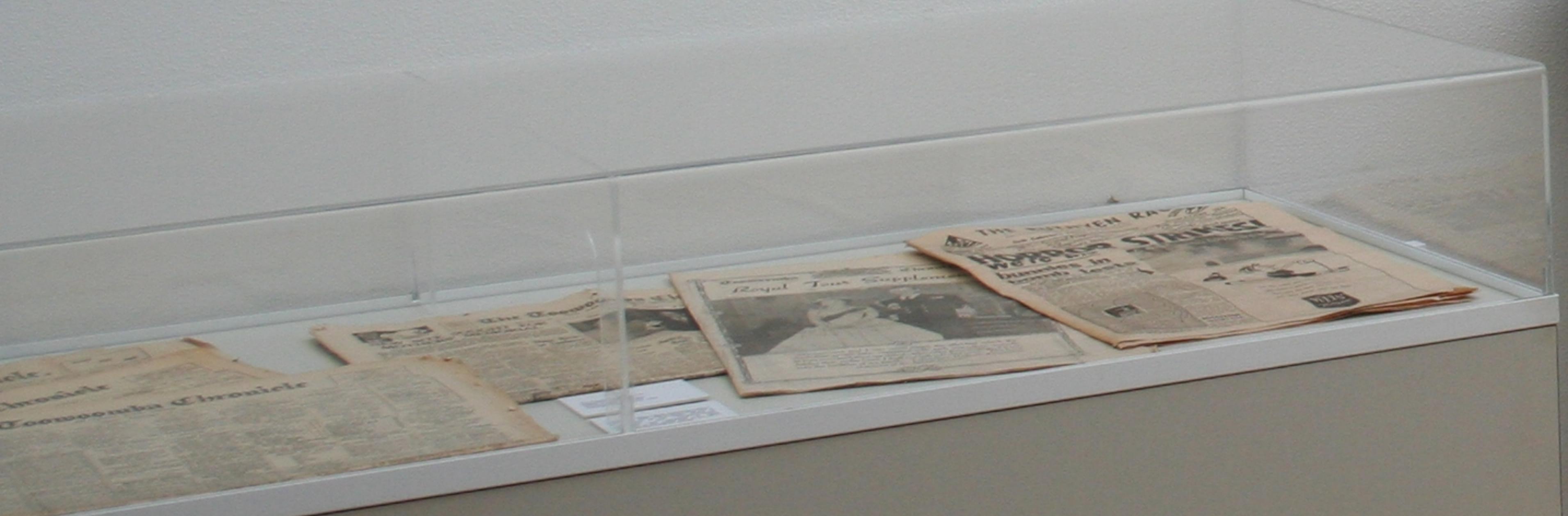
TRAVEL AGENTS

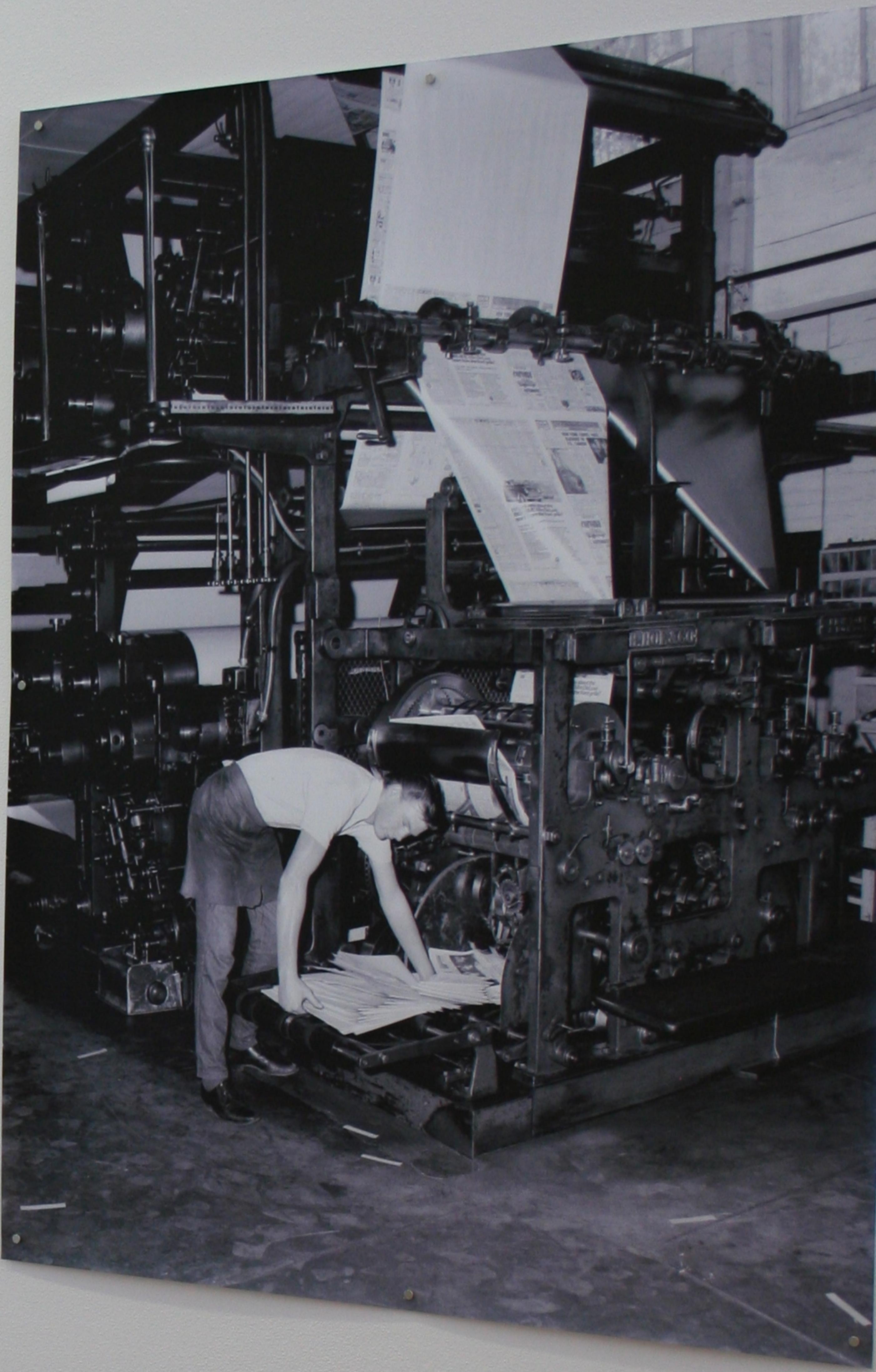


1950



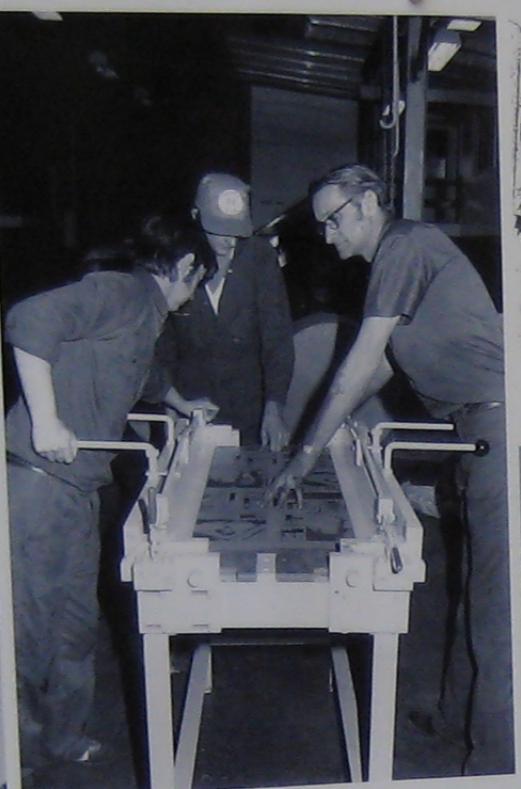
Hot metal newspaper printing plate production - until 1979







The first tower of the Harris press arrives in 1978



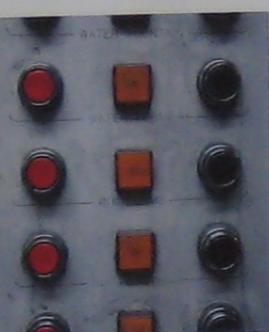
The plate bending machine - plates are crimped at edges so they can be locked onto the printing cylinder



Len Riddle oversees the installation of the Harris press



Magenta tower



Control panel



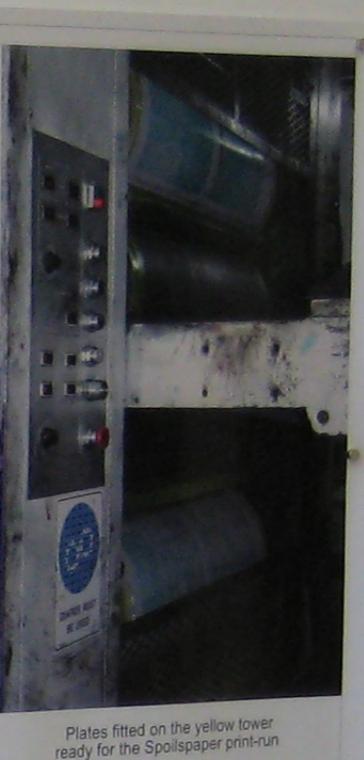
A black tower is plated-up by Aaron de Kroon



Brett Tuesley removes a plate from the yellow tower



The Harris was a four-colour press. A separate printing plate is made for each of the four colours that are used to print a coloured newspaper page

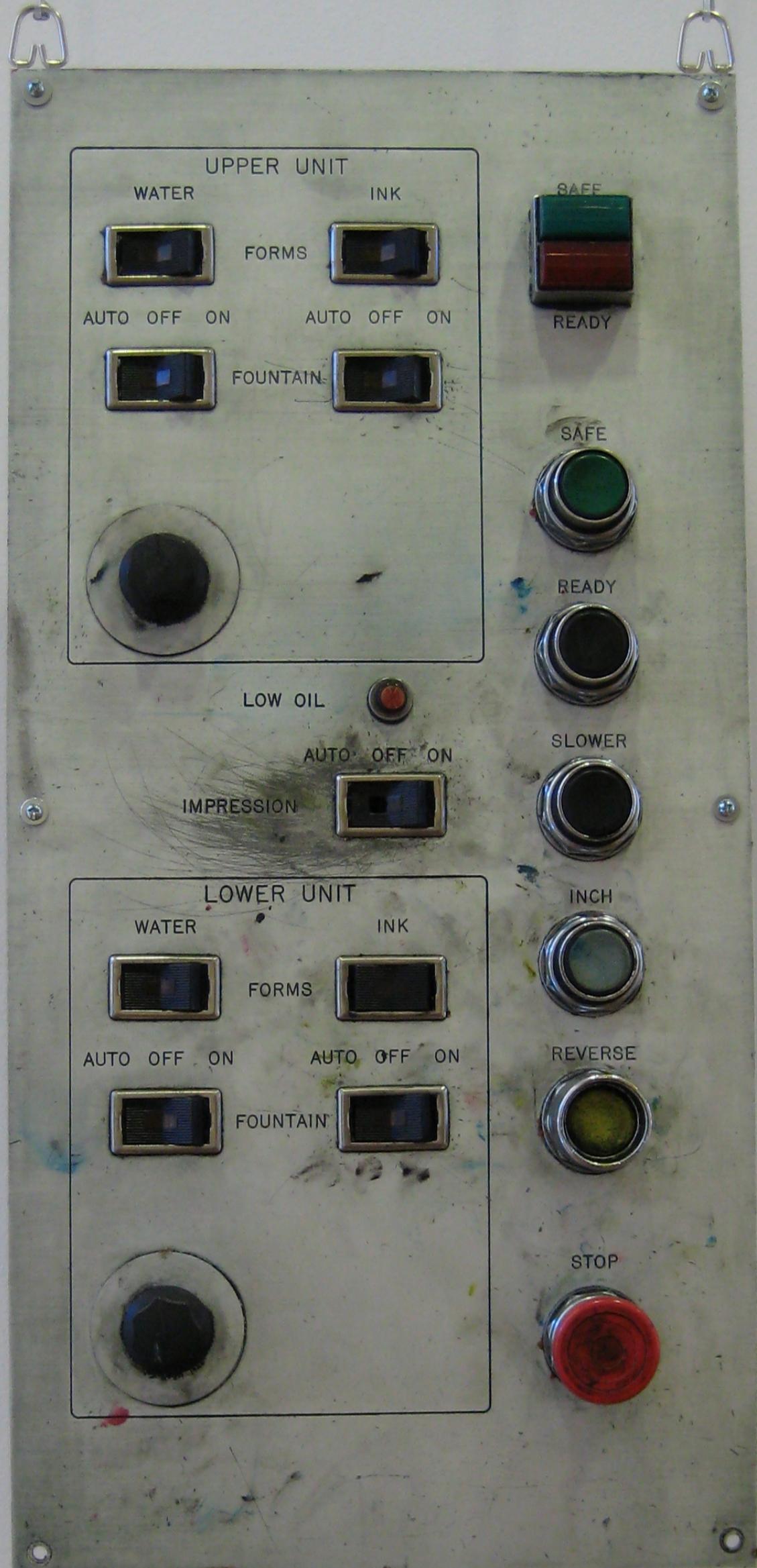


Plates fitted on the yellow tower ready for the Spoilpaper print-run

Photographs supplied by The Chronicle
The Harris N845 web offset press - at The Chronicle, Ruthven Street 1978 - 2008

The Harris N845 web offset press - at The Chronicle, Ruthven Street 1978 - 2008





A control panel from the cyan (blue) tower of the Harms printing press.

iron
v. December 8, 1980
UT
EI
F

McKinney's
Established In 1894
485 Ruthven St., Toowoomba, Ph. 32 1055
Men's Seiko
Sports 100.
Stainless steel.
Water tested to
100 metres.



WEATHER
Page 20, 21
Dennis P. 38

SECTION III MAKEREADY PROCEDURE

MAKEREADY may be explained as an organized and systematic method of setting up and adjusting the printing and folding equipment to produce a quality run, with a minimum of spoilage, and a maximum of economy. Makeready is the time required to set up a new job to run. Each step of the procedure must be carried out sequentially, and must be done properly. The coordinated efforts of the entire crew are required to do the makeready efficiently, and in a minimum time. This is important because makeready time is nonproductive time, and the time and speed of press crew performance can reduce waste and the time required for makeready. Careful planning for efficient makeready can noticeably increase printing production.

The makeready procedure for this press is divided into a series of operations which are described for a newly installed printing system. By sequences, and maintaining a running makeready job log can shorten the time necessary for performing these duties.

Standardizing on the procedures that are to be performed is basic to proficient makeready. Where possible, standardizing on inks, paper stocks, plates, chemicals and other related items can shorten the makeready time even more.

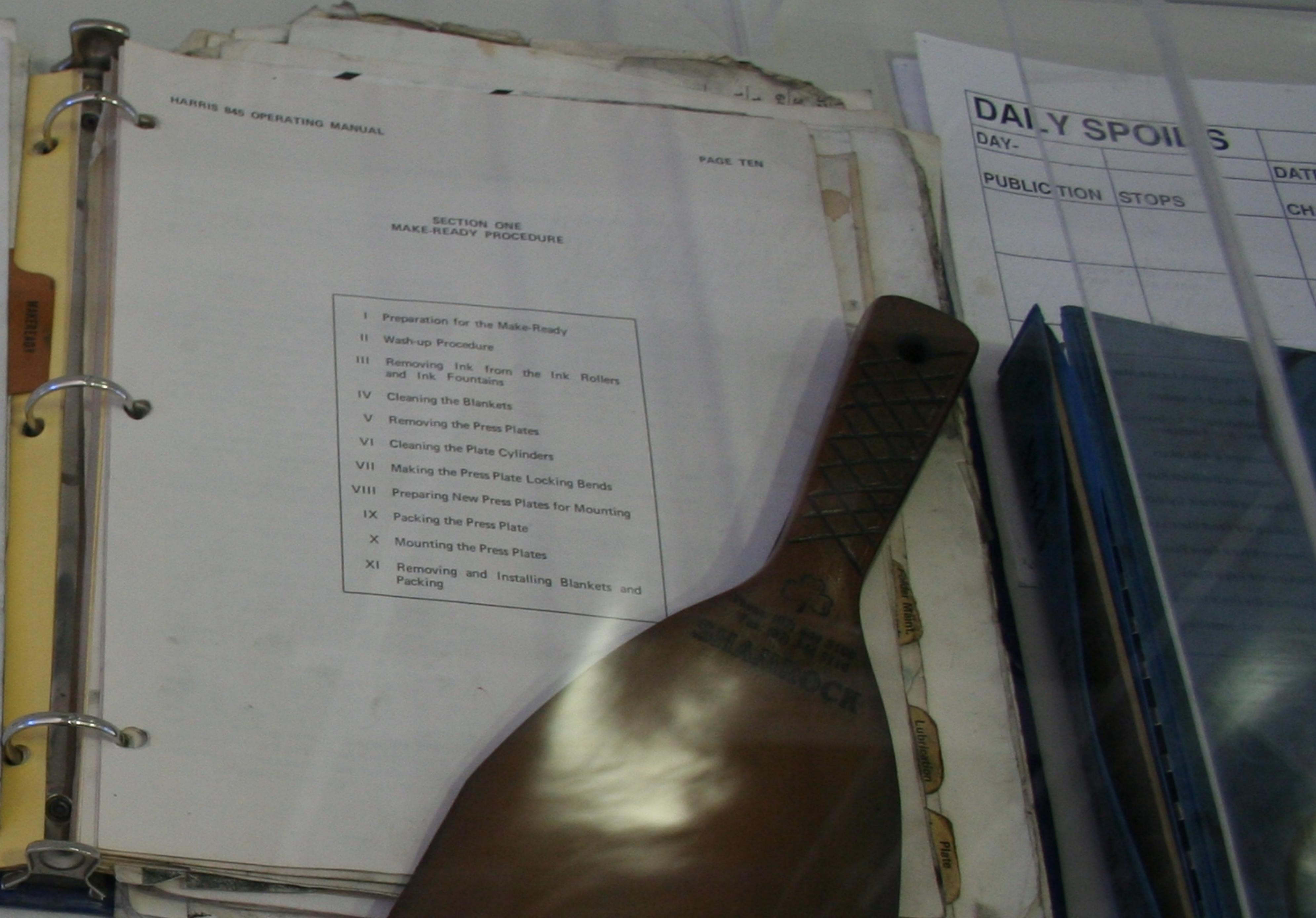
PREPARATION FOR THE MAKEREADY

1. Check the new press plates to verify plate imposition. Determine where each press plate is to be mounted on the press, and mark it for identification.
2. Determine the inks, paper and other materials that will be needed for the job. Check: — Have they been delivered to the press room?
3. Keep maintenance records in order to determine the proper intervals for lubrication of the press and its components. Makeready time is downtime, and a good time to perform necessary maintenance.
4. Crew members and maintenance personnel should be cautioned to locate and remove any dropped parts or tools, prior to putting the press into motion.
5. Determine the units to be run, and engage them on the proper timing mark (color or black).
6. Maintain a checklist of things to be done during makeready. Crew assignments can be made from this list, referring to the list, it can be determined whether every assignment has been completed. A typical list is given in the next subsection.

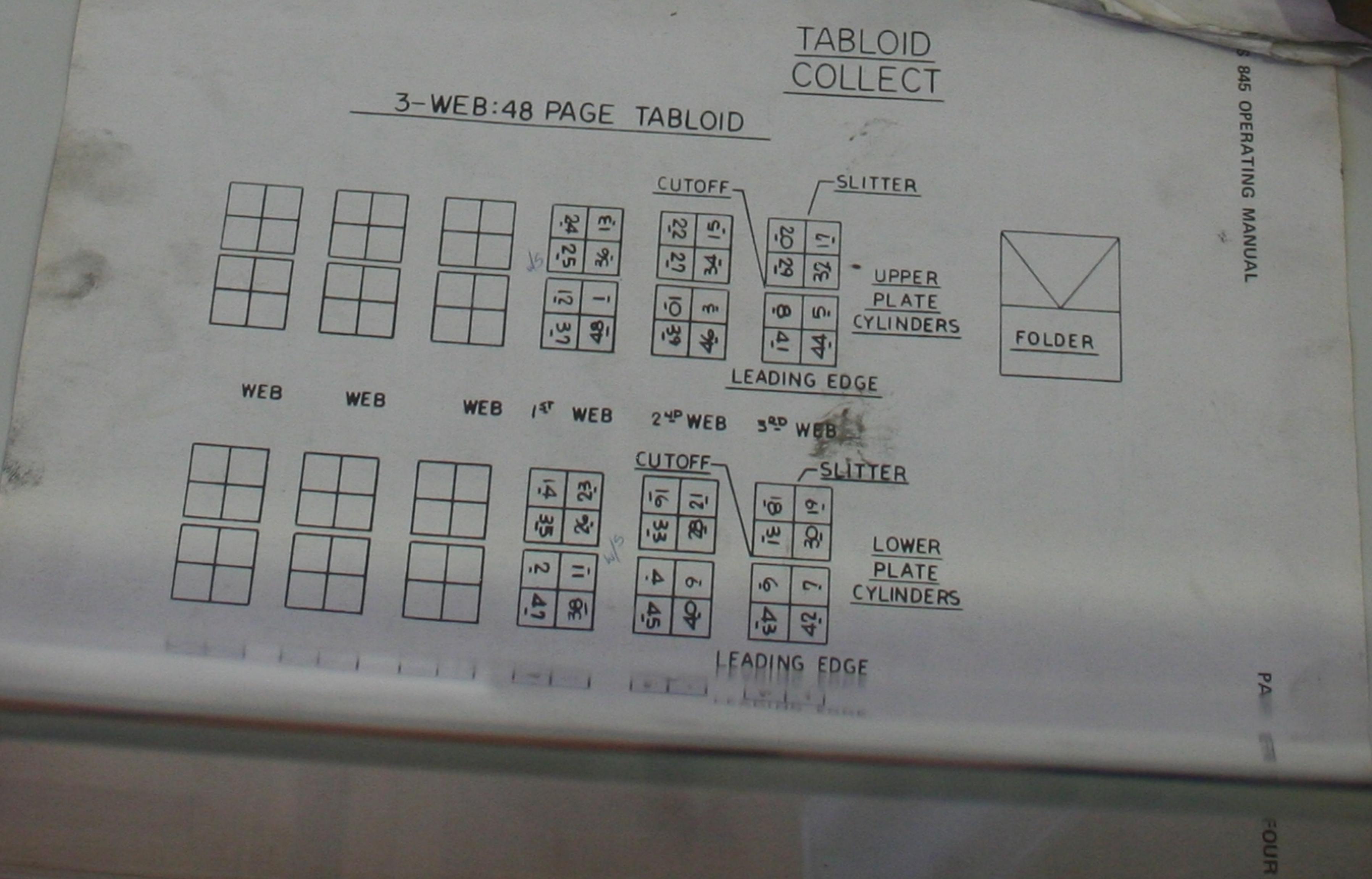
MAKEREADY CHECKLIST

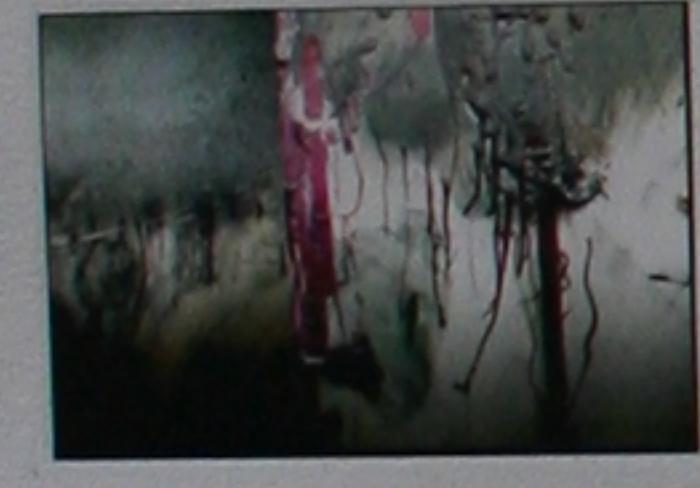
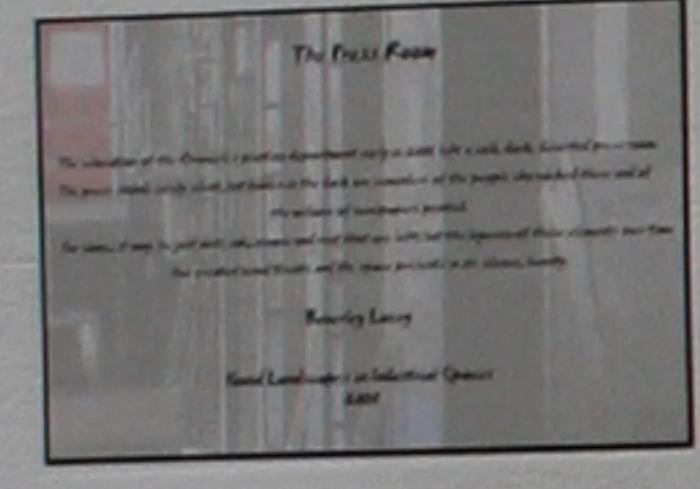
The sequential steps on this checklist provide a condensed makeready procedure which can be used for quick reference. Many of these steps are explained in greater detail in succeeding subsections, and should be followed closely for a newly installed system.

- I Preparation for the Make-Ready
- II Wash-up Procedure
- III Removing Ink from the Ink Rollers and Ink Fountains
- IV Cleaning the Blankets
- V Removing the Press Plates
- VI Cleaning the Plate Cylinders
- VII Making the Press Plate Locking Bands
- VIII Preparing New Press Plates for Mounting
- IX Packing the Press Plate
- X Mounting the Press Plates
- XI Removing and Installing Blankets and Packing



A paddle used to scoop ink from buckets into the ink trays of the Harris press. For the new Manugraph Cityline Express press, the ink is piped to the press from huge ink totes in another part of the building.

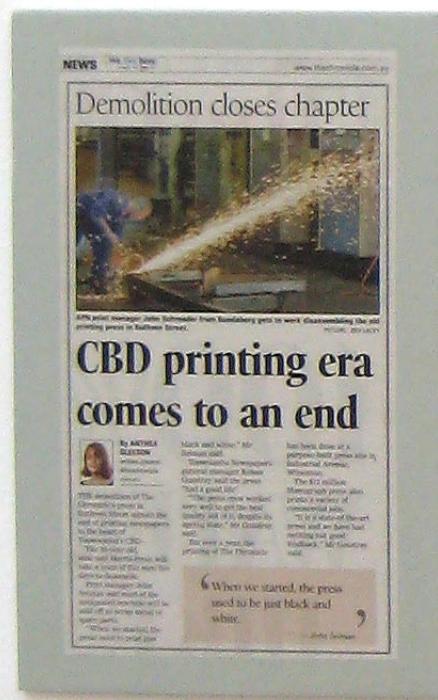




Ronit Levy
Found Landscapes in Industrial Spaces
2008







OFFICIAL OPENING

Gary Osborne looks back on development years in the making

Site arrives after a long time waiting

SERVICOM
Specialists in printing blanket technology

Proud Supporter of the APN PRINT Group

PRIMTEC
Service, Quality and Technical expertise unsurpassed in today's market place

HANNAS
Your family fashion store

OFFICIAL OPENING

Newspaper spoils make modern art

GIVE YOUR WORKPLACE A CORPORATE MAKEOVER

CLASSIC STYLISH RANGES

BUDGET PRICED UP TO DATE STYLES

HANNAS
Your family fashion store

OFFICIAL OPENING

Management admires new press ability

Builders express pride in print site

OCEANIC PAPER
CONGRATULATIONS ON YOUR NEW PRINT CENTRE FROM OCEANIC PAPER

FUJIFILM

APN
Newspapers • Magazines • Catalogues • All Commercial Printing
ph:1300 276 778

OCEANIC PAPER LTD.

CLEANER & MAINTENANCE

Norse Skog

Fujifilm Australia Congratulates The Chronicle on the opening of their new print production plant.



APN Print are the recipient of a number of PANPA Awards - The Pacific Asia Newspaper Publishers' Association Award for Technical Excellence for newspapers printed on a single width press.

Above: PANPA AWARD 1992 (Hannas press, Ruthven Street) From left: Rod Murphy, Gary Cribbie, Mal Hayes, Cam Richardson, Russell Weick, Brett Tressler, John Selman. Perry Scott, Garry Clunes, Aaron de Kroon and (back, from left) Paul Oller, Peter Joyce, Matt Hayes, Mal Hayes, Mark Schultz, Kent Butler, Cameron Richardson, Scott Martin and John Selman.

PANPA AWARD 2008 (Not Pictured) (Manugraph Cityline Express press, Industrial Avenue)

Below: PANPA AWARD 2009 (Manugraph Cityline Express press, Industrial Avenue) APN Print staff (from left) Rod Murphy, Brett Tressler, John Selman, Perry Scott, Garry Clunes, Aaron de Kroon and (back, from left) Paul Oller, Peter Joyce, Matt Hayes, Mal Hayes, Mark Schultz, Kent Butler, Cameron Richardson, Scott Martin and John Selman.

Photographs supplied by The Chronicle

IRENE AMOS GALLERY

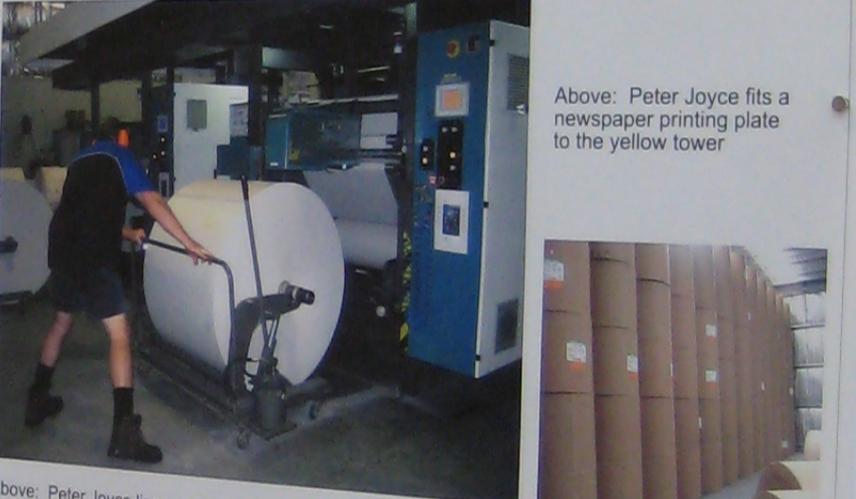
named in honour of Dr Irene Amos OAM



Above: Aaron de Kroon and Ismail Gurbuz work on the installation of the printing tower.



Above: Installation of the Manugraph Cityline Express press at Industrial Avenue, Toowoomba February 2008



Above: Peter Joyce fits a newspaper printing plate to the yellow tower



Above: Peter Joyce lines up the roll of newsprint so that the press doesn't run out of paper.



Above: Perry Scott and Scott Martin (right) check the quality and consistency of the newspaper print. Adjustments are made via a computerised control panel.

The new press centre