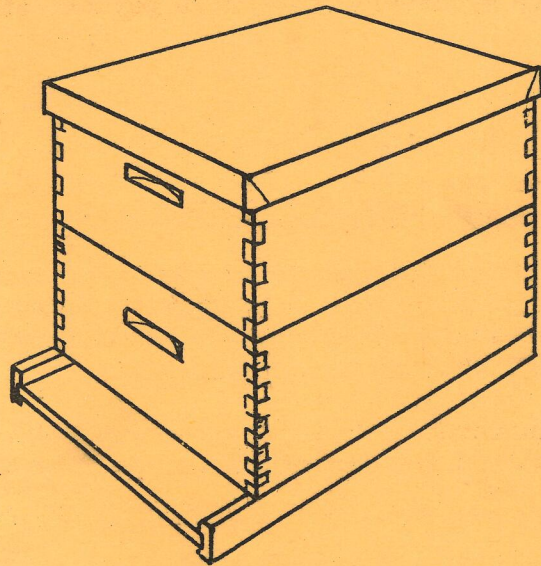


BEE SUPPLIES



As Supplied by: -

A. ECROYD & SON LTD.

(TELEGRAMS, "ACORN" CHRISTCHURCH)

WITH

The ALLIANCE BEE-SUPPLIES Co. Ltd.

(TELEGRAMS, "BEEWARE" CHRISTCHURCH)

25 SAWYERS ARMS ROAD, PAPANUI
CHRISTCHURCH, N.W.4

and

STOCKISTS THROUGHOUT NEW ZEALAND

OUR GUARANTEE

We guarantee our goods to be absolutely satisfactory in every respect. After examination, if our goods are not as represented write us explaining defect, and then on our order the goods may be returned at our expense, and we will replace the goods, freight prepaid.

HOW TO ORDER

To avoid any confusion, please order your requirements by the actual name given them in this catalogue. Where more than one type is available, state clearly which is required, otherwise we will use our discretion.

Purchase your requirements from your nearest stockist, or if this is not convenient you may order direct from the factory.

TERMS

To enable us to offer our goods at most competitive prices, we request that unless a monthly account has been arranged, cash be sent with order.

When remitting please add sufficient to cover freight or postage. Any surplus will be held to customer's credit or refunded on request.

Where monthly accounts are operated, interest at 8% is charged on overdue accounts unless prior arrangements have been made.

This catalogue has been compiled for your information by

A. ECROYD & SON LTD.

(TELEGRAMS, "ACORN" CHRISTCHURCH)

with

The ALLIANCE BEE-SUPPLIES Co. Ltd.

(TELEGRAMS, "BEEWARE" CHRISTCHURCH)

whose offices and factories are situated at

25 SAWYERS ARMS ROAD,

PAPANUI,

CHRISTCHURCH, N.W.4.

'Phone: 49-841

Rail Address: "PAPANUI"

=====

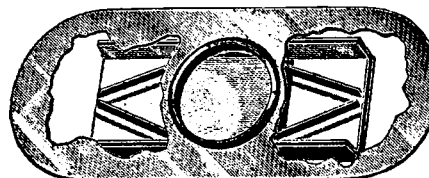
ANCHOR RODS



An efficient adjustable device for holding your extractor rigid.

BEE ESCAPES

(with double outlets)

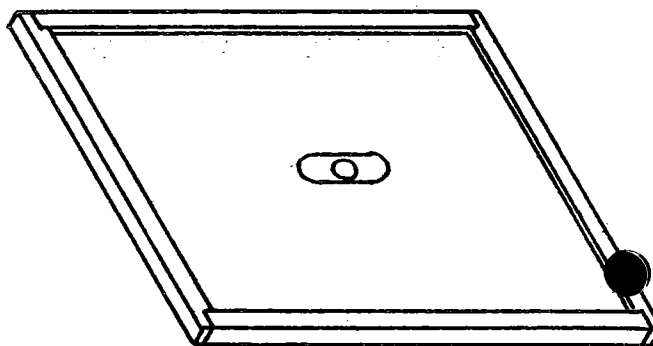


Used to remove bees from honey supers. When fitted in an escape board which is placed between honey super and brood chamber, the combs of honey will be cleared of bees in less than 24 hours. Springs in outlets prevent bees from returning to the honey super.

BEE ESCAPE BOARDS

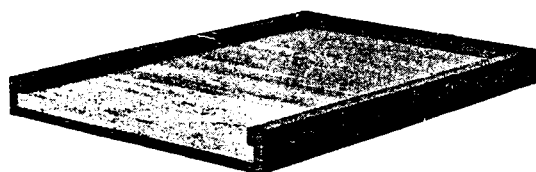
(complete)

Consist of bee escapes mounted in hardboard with wooden rim. These well constructed boards make honey removal quick and easy. Extra wood frames can be supplied.



BOTTOM BOARDS

(reversible)



One of the main advantages of a reversible bottom board is that it only has to be turned over to change from a summer $\frac{3}{4}$ " to a winter $\frac{5}{8}$ " entrance, and vice versa.

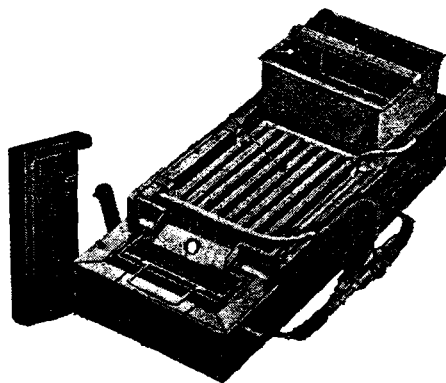
BRUSHES

This brush, made from the finest materials is very durable and ideal for brushing bees from combs when escapes are not used. Will stand up to repeated washing and hard wear throughout a busy season.



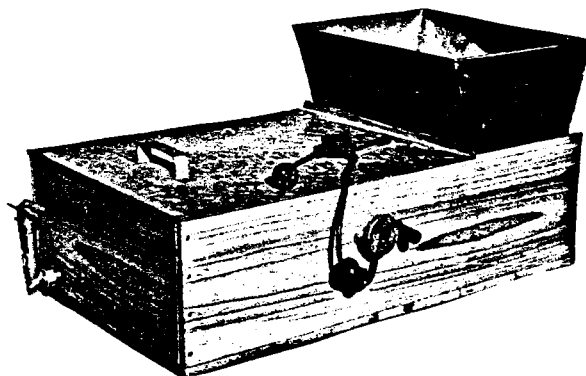
CAPPINGS REDUCERS

PENDER HOT TOP - Very similar in design and operation to the Pyrotenax reducer except that the heat is provided from steam instead of electricity. An adequate supply of steam is required such as is supplied from a drip feed oil burner.



CAPPINGS REDUCERS (Cont.)

"ALLIANCE" PYROTENAX CAPPINGS REDUCER



Available in two models to suit the needs of all commercial beekeepers. Both models are manufactured of tinned copper ensuring a lifetime job, with all metal, heavily insulated galvanised iron lids. Supplied complete with gauze shovel for removing slum gum, and tubular wax strainer to ensure that the resultant wax is ready for marketing without any further melting.

Under normal operating conditions, where honey is warm and an average good line of combs is being extracted, the only steam required is the waste from the uncapping knife.

1300 w. standard model, overall dimensions - length, 3'11" x width, 2'4" x height 1'9 $\frac{1}{2}$ ".

Capacity: Cappings from up to 10 supers per hour, depending on temperature of honey, type of combs etc.

1660 w. large model, overall dimensions - length 3'11" x width 3'3" x height 1'9 $\frac{1}{2}$ ".

Capacity: Cappings from up to 14 supers per hour, depending on temperature of honey and type of combs etc.

CELLULOSE BAGS

- See SECTION BAGS

COMB FOUNDATION



THE
FOUNDATION
OF
SUCCESSFUL
BEEKEEPING

Protect your investments and use only "Acorn" Weed Process Non-Sag Comb Foundation. ALL beeswax refined by the latest filtration methods, sheeted by the famous weed process, and milled on the latest American comb foundation mills.

Four standard weights are manufactured:-

MEDIUM BROOD, approximately 8 sheets per pound, packed 28 lbs. per standard case.

SEVEN SHEET SPECIAL, approximately 7 sheets per pound, packed 30 lbs. per standard case.

EXTRA HEAVY BROOD, approximately 6 sheets per pound, packed 35 lbs. per standard case.

THIN SUPER, "Standard" for sections, approximately 26 - 28 $15\frac{1}{2}$ " x $3\frac{1}{8}$ " sheets per pound.

"Full Length" for cut comb honey, approximately 24 - 26 $16\frac{3}{4}$ " x $3\frac{3}{4}$ " sheets per pound.

ALL COMB FOUNDATION PACKED IN SPECIAL CASES DESIGNED
FOR ITS SAFE TRANSIT

Although standard cases only have been mentioned above, comb foundation can be supplied in any quantity, smaller cases being used when necessary.

COMB FOUNDATION (Cont.)

Foundation can be supplied ex stock or your own wax can be converted at our usual reasonable rates.

To ensure prompt delivery send your wax early.

MAKE SURE YOUR wax is securely packed in sound sacks to avoid the possibility of loss in transit.
YOU advise us when you have forwarded your wax, giving us all particulars.
YOUR name or initials are both inside and outside each package.
THAT the correct weight and/or measurement is entered on the consignment or shipping note.

NORTH ISLAND BEEKEEPERS PLEASE NOTE:

As a convenience to Auckland and Waikato beekeepers, beeswax for sale or conversion may be sent to Mr. T.R.W. Nicholas, 11 Covil Avenue, Te Atatu, Henderson, or Mr. J.D. Lorimer, Hoopers Road, Hillcrest, Hamilton.

When sending wax to us direct and unless urgency is a prime factor, consign by SHIP or RAIL/SEA through your nearest port. Make sure the correct cubic measurement is stated on either railway or shipping notes, based for well packed wax on 1 cubic foot per 50 lbs. weight. If in doubt as to how to consign your wax, write for instructions.

SMALL QUANTITIES - if under 28 lbs. gross weight, are best sent by parcels post. Be sure to pack parcels securely to avoid any possibility of loss in transit.

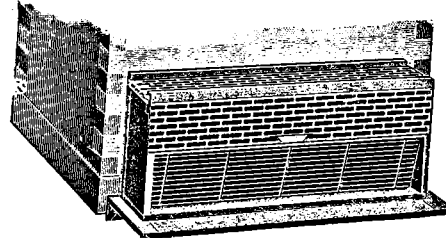
CRATE STAPLES

Coppered steel staples, indispensable when shifting bees. Are also used to prevent high winds or stock from moving the lighter hives off their bottom boards.



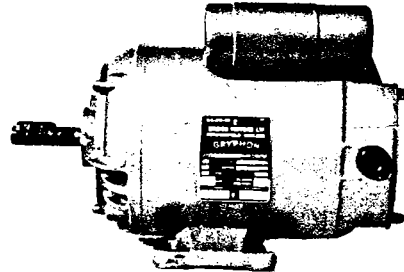
DRONE & QUEEN TRAPS

Invaluable aids to hive manipulation in preventing swarming. Are also most useful to reduce the drone population of your hives. When queen rearing they can be used to prevent drones from undesirable hives from mating with new queens.



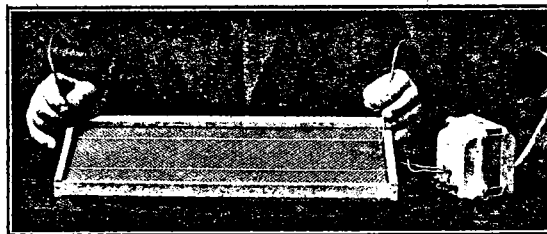
ELECTRICAL FITTINGS & EQUIPMENT

We supply a full range of electrical equipment including Pyrotenax heating cables, thermostats, float switches, electric motors etc.

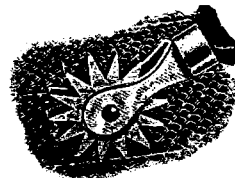


EMBEDDERS

ELECTRIC type, consists of a transformer especially designed and built to suit a beekeeper's needs, complete with two rubber covered pencil type prongs. Two speeds suitable for embedding one or three wires at a time.



SPUR type, for the smaller beekeeper. Simply heat the spur in water and roll the wire into the foundation.

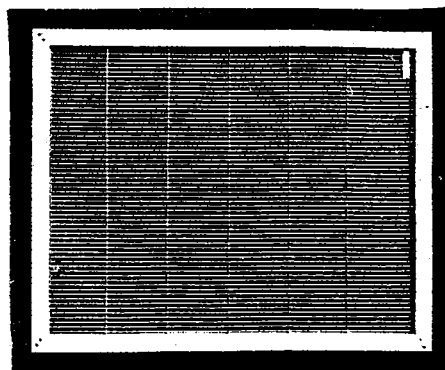


EXCLUDERS, QUEEN

The WALDRON all wire grid is famous because it gives maximum space for passage of bees, and is accurately manufactured of the best materials, tinned to avoid any risk of rust. These excluders can be supplied with

WOODEN FRAMES, designed for maximum strength, or

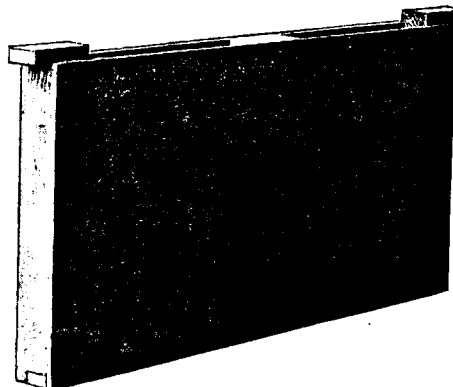
HEAVY GALVANISED IRON FRAMES for durability.



FEEDERS

DIVISION BOARD type

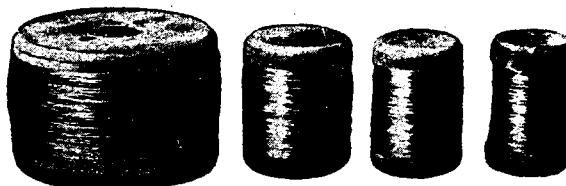
In use, this feeder is put on the edge of the brood nest in place of a frame, and can be refilled with a minimum of disturbance to the bees. Manufactured of a wooden frame with hardboard sides, totally dipped in wax to ensure perfect sealing.



FRAME WIRE

(28 gauge)

High quality tinned steel wire for wiring your frames. Stocked in $\frac{1}{4}$ lb., $\frac{1}{2}$ lb. and 1 lb. spools, and bulk catch-weight spools of an average net weight of $4\frac{1}{2}$ lbs. each.



FRAMES

HOFFMAN FULL DEPTH

($\frac{7}{8}$ " x $\frac{7}{8}$ " top bar, overall depth of frame $9\frac{1}{8}$ ")

This self spacing frame can be recommended as the most popular type in current use in N.Z.

HOFFMAN THREE QUARTER DEPTH

($\frac{7}{8}$ " wide x $\frac{5}{8}$ " thick top bar, overall depth of frame $6\frac{7}{8}$ ")

HOFFMAN HALF DEPTH

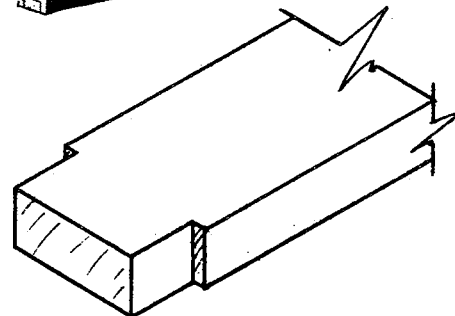
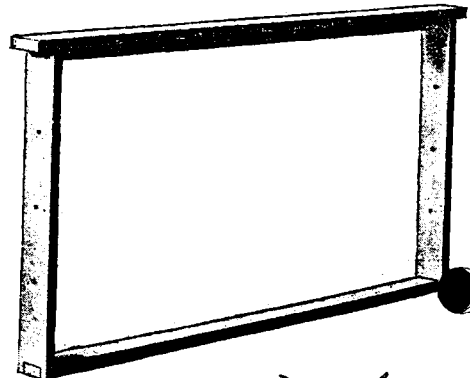
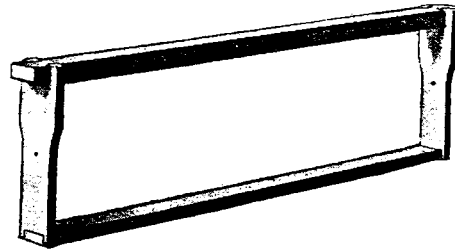
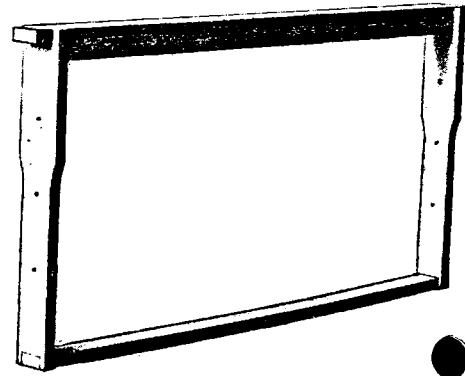
($\frac{7}{8}$ " wide x $\frac{5}{8}$ " thick top bar, overall depth of frame $4\frac{7}{8}$ ")

SIMPLICITY FULL DEPTH

($1\frac{1}{16}$ " wide x $\frac{5}{8}$ " thick top bar, overall depth of frame $9\frac{3}{8}$ ")

This frame is not self spacing as is the Hoffman, but is favoured in some districts.

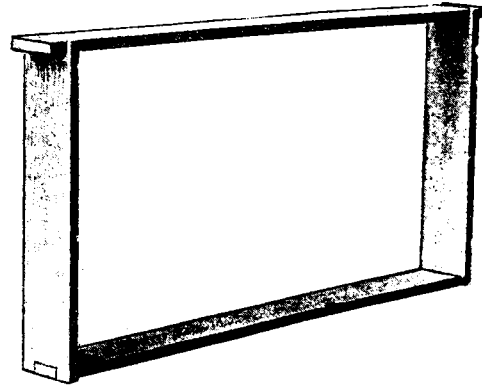
All the above frames can be supplied at slight extra cost with $\frac{7}{8}$ " x $\frac{5}{16}$ " bottom bars, as illustrated, on request.



FRAMES (Cont.)

SECTION FULL DEPTH

Used for the production of comb honey. Each frame holds 8 standard sections. Seven frames each with two metal separators fastened to one side are used in a standard full depth storey.



SECTION HALF DEPTH

For use in half depth storeys. Holds 4 standard sections, and 1 separator is used on each frame.

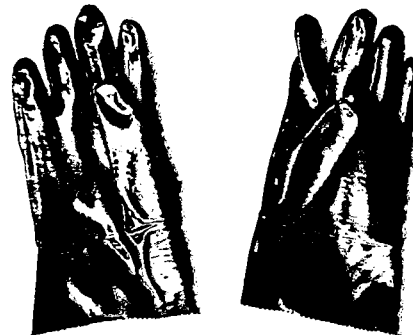


GLOVES

BEEKEEPING GLOVES with leather hands and canvas gauntlets. These are a new model glove, superior to earlier types. Three sizes available, small, medium and large.



PLASTIC WORK GLOVES: Stand up to use at high temperatures and are very suitable to wear when handling hot materials, such as when using paraffin waxing equipment, or rendering beeswax.



HIVES

Complete hives as specified packaged in one corrugated outer carton.

A6: Complete with 2 full depth storeys, 20 full depth Hoffman frames, 20 sheets medium brood, 1 roof with sheet of galvanised iron, 1 reversible bottom board and nails (wire extra).

A9: Complete with 1 full depth storey, 1 half depth storey, 10 full depth Hoffman frames, 10 sheets medium brood, 7 half depth section frames, 7 sheets thin super, 7 separators, 28 sections, 1 roof with sheet of galvanised iron, 1 reversible bottom board and nails (wire extra).

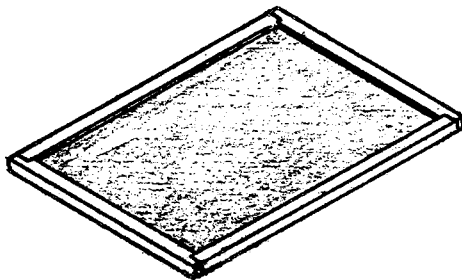
HIVE LIFTER

Manually operated barrow complete with pneumatic tyres. This unit can be used for shifting hives or supers stacked on pallets, and by using the built in "fork lift" mechanism can lift the hives or supers onto a truck deck etc. This lifter is very handy in the extracting room to bring in pallets of honey supers, and then the "lift" can be used to raise the super from which the combs are being drawn to a reasonable height, to avoid stooping. A hive opening device is also fitted and is useful for splitting hives for inspection or insertion of bee escapes.



HIVE MATS

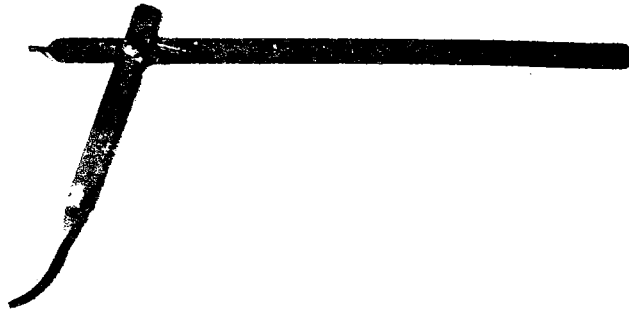
SACK MATS 16" x 20" in bales of approximately 175, or smaller quantities.



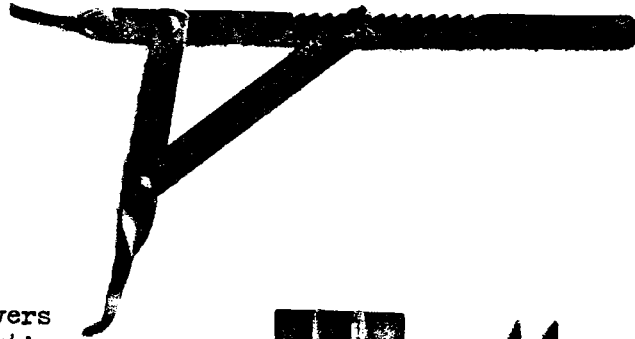
HARDBOARD MATS with wooden frame rim. Can be readily converted to a bee escape board and can also be used as division boards. Extra frames can also be supplied.

HIVE OPENERS

LEVER TYPE TOOL to separate supers.



RATCHET TYPE which automatically stays open. The advantage of this model is that it will hold the supers apart at any desired position, leaving both hands free to do the job in hand.



SPACERS used in conjunction with either of the above levers to facilitate the easy insertion of bee escape boards.



HIVE TOOLS

We can offer 3 types of popular hive tools:

ACORN - Superior locally made tool of 3/16" spring steel. Note the splayed front scraping edge. This edge has a gradual taper to a sharp edge and is designed for the efficient and easy separation of supers or frames, or for scraping wax off. Also has second sharp edge between front edge and frame spacing shoulder so that burr comb can be removed with a "chopping" action. Includes a hook with which to lift frames from supers.



ALLIANCE - English made of fine quality steel. Has long thin taper for separating storeys and scraping.



FENDER - Australian made hive tool, not unlike "Acorn" tool in design.



HONEY CARTONS

As South Island agents for Mono Honey Cartons, we can offer a complete service to packers requiring special prints. If you require your own print, let us know your thoughts, and we will have a suitable carton designed.

Good stocks of "stock print" cartons and sealed lids are always on hand. The medium sized user can have his own name "inserted" in a stock print design at negligible cost. Send for further particulars.



HONEY CASES

Our Honey Cases comply in all respects with the specifications laid down by the Honey Marketing Authority. Cases can be supplied either in shocks, nailed up, branded or containing 60 lb. tins if required. When ordering always specify your requirements clearly.

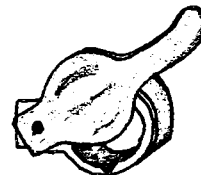
HONEY CREAMERS

This Creamer is basically a gear type $1\frac{1}{4}$ " honey pump which has been modified for creaming honey. The normal gears of the pump have been machined to form "fingers" which when run at relatively high speeds, cream honey very well. It is essential of course that the honey has previously been conditioned correctly.

Creamers can be supplied either bare or complete with motor and mounted ready for use.

HONEY GATES

Tinned cast iron honey gates for use on tanks etc., are available in 3 sizes - $1\frac{1}{2}$ ", 2" and $2\frac{1}{2}$ ". These are well made with ground faces to ensure a perfect seal.



COMMERCIAL SUPPLEMENT

Alliance
Quality

"Commercial Type" Supplies

We wish to advise that our "Commercial Type" Roofs, Bottoms and Storeys have proved very popular since their introduction. Beekeepers are finding them a very attractive proposition especially when taking their high quality and low price into account.

If you usually make your own woodware we ask but one thing of you - accurately check your costs against our prices. There have been many cases of beekeepers making this check, and immediately becoming "another satisfied customer". Repeat orders prove this.

In offering these goods we have set the following conditions to which we strictly adhere:

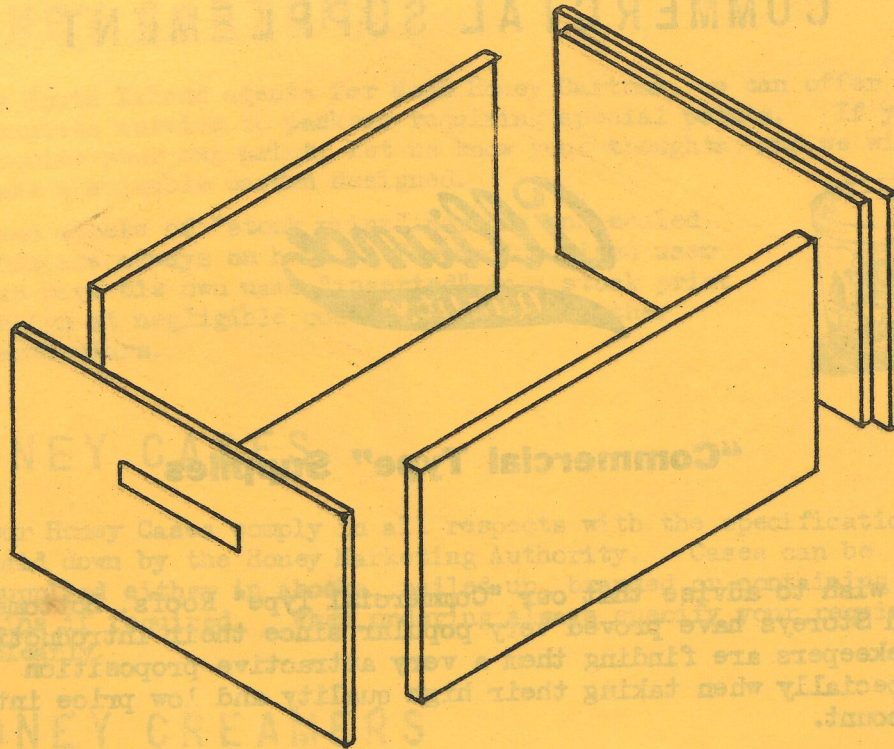
Minimum quantity per item - 50.

Can be ordered either direct from us or through Stockists, but all deliveries are made direct.

Prices f.o.r. Christchurch or Papamui.

Cash with order unless arrangements have been made to operate a monthly account.

STOREYS



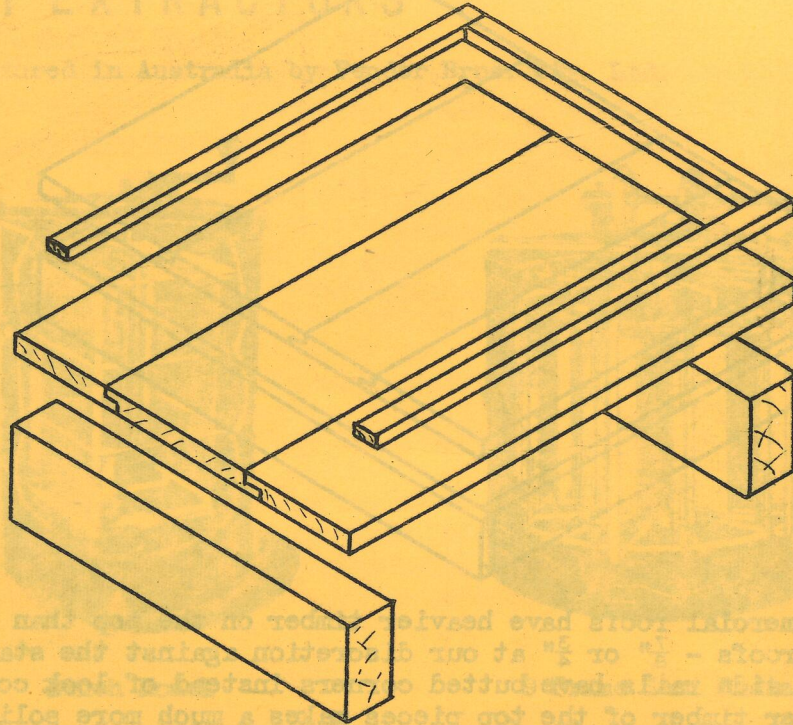
Unless otherwise requested, all commercial storeys are supplied with the timber dressed on both surfaces and one edge only, so that after assembly beekeepers can run them through a saw to width. This method ensures a perfectly finished storey. We can if required rip the timber to width at a slightly extra charge.

These storeys can be supplied either with $\frac{1}{2}$ " frame rebates or $\frac{3}{4}$ " frame rebate for use with metal rebates. When ordering make sure you specify whether you require $\frac{1}{2}$ " or $\frac{3}{4}$ " rebate, metal rebates, and finished 3 or 4 sides.

PRICES as at 31st August 1959 (subject to change without prior notice)

	Full Depth	$\frac{3}{4}$ Depth	$\frac{1}{2}$ Depth
Finished 3 sides	6/3	5/4	4/6
Finished 4 sides	6/7	5/8	4/10
Rebates (extra)	1/9 per dozen.		

BOTTOMS



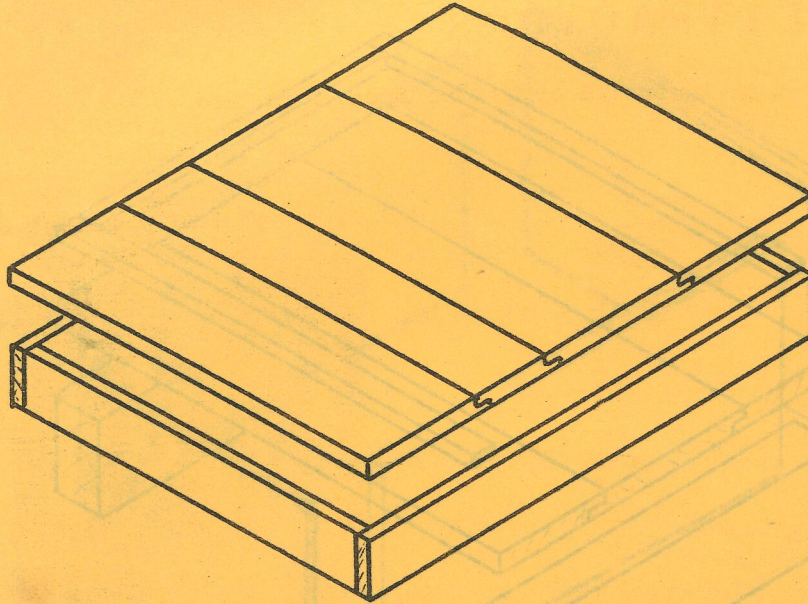
These bottoms consist of a decking 16" x 21½" made of $\frac{7}{8}$ " or $\frac{3}{4}$ " timber at our discretion, with a $\frac{7}{8}$ " x $\frac{3}{4}$ " rim to take the storey.

PRICE as at 31st August 1959 (subject to change without prior notice)

4/- each plus 2/6 a pair for 16 inch 4 x 2 beech rails (optional) on to which the platform is fastened. (N.B. The platform is not in itself a complete bottom. The 4 x 2 rails or a substitute are needed to bind the platform together.)

Commercial type equipment, unless otherwise specified, is of standard hive dimensions. We will manufacture to your own dimensions if required at little or no extra cost, as we realise that some may prefer deeper side rails on roofs, longer bottom boards, etc.

ROOFS



These commercial roofs have heavier timber on the top than standard roofs - $\frac{7}{8}$ " or $\frac{3}{4}$ " at our discretion against the standard $\frac{5}{8}$ ". The side rails have butted corners instead of lock corners. The heavier timber of the top pieces makes a much more solid roof which will be less inclined to blow off.

PRICE as at 31st August 1959 (subject to change without prior notice)

5/- each plus iron (optional) @ 4/9 per sheet - total 9/9 each.

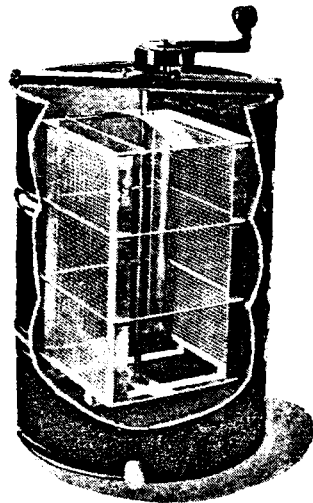
Delivery of Commercial type lines can be within about 2 weeks of the placing of an order

NUCLEUS HIVES

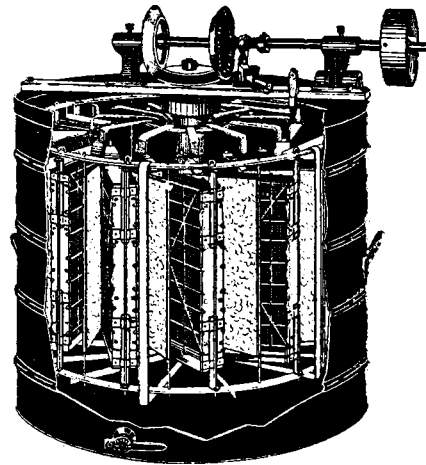
These can be manufactured to your own specifications at competitive prices. Advise us of the required dimensions when we will be glad to quote,

HONEY EXTRACTORS

Manufactured in Australia by Pender Bros. Pty. Ltd.



Bench Model



9 Frame Semi Radial

The popular bench model 2 frame extractor and the single frame slinger are carried in stock, and larger models can be indented promptly with the regular shipments of equipment we are receiving from Australia. The following list indicates the Pender models in current production.

<u>No.</u>	<u>Name</u>	<u>Width of Basket</u>
	Single Frame Slinger	
0 G	2-Frame Bench	10"
1 G	2-Frame Novice	10"
3 G	2-Frame Reversible	10"
4 G	2-Frame Reversible	10"
5 G	2-Frame Reversible	12"
6 G	2-Frame Reversible	12"
11 G & P	4-Frame Automatic Reversible	10"
12 G & P	4-Frame Automatic Reversible	12"
13 G & P	6-Frame Automatic Reversible	10"
14 G & P	6-Frame Automatic Reversible	12"

HONEY EXTRACTORS (Cont.)

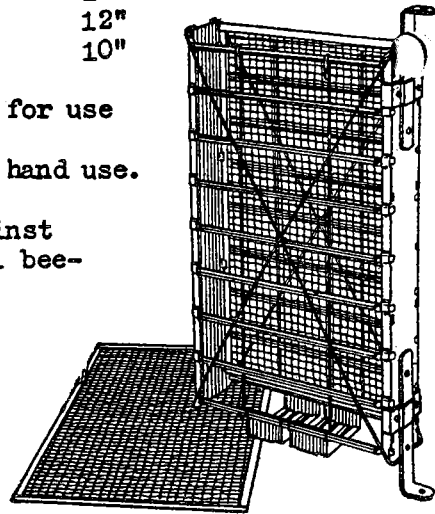
<u>No.</u>	<u>Name</u>	<u>Width of Basket</u>
15 G & P	8-Frame Automatic Reversible	10"
16 G & P	8-Frame Automatic Reversible	12"
17 P	20-Frame Radial	
18 P	42-Frame Radial	
21 P	9-Frame Semi-Radial	10"
22 P	9-Frame Semi-Radial	12"
23 P	12-Frame Semi-Radial	10"
24 P	12-Frame Semi-Radial	12"
25 P	21-Frame Semi-Radial	10"

P against number denotes friction drive for use with power.
G against number denotes gear drive for hand use.

We are also in a position to indent against special orders for interested commercial beekeepers extractors from other countries including U.S.A. and Canada.
Enquiries welcome.

EXTRACTOR PARTS

A good range of spare parts, including bearings and baskets for Pender machines is always stocked. When ordering, if possible, send full particulars of extractor, including year of manufacture, model number and inside and outside diameter of bearings.



HONEY GRAINERS

An indispensable means of mixing in starter honey and creaming honey for the "not so large" beekeepers.

HONEY JARS

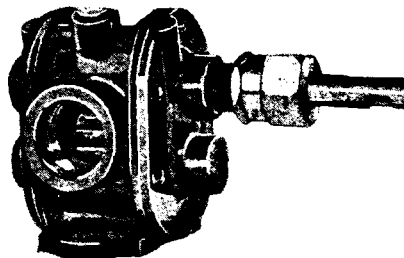
Two types available:
1 lb. tall Cylinder jar
1 lb. squat Honey Board jar

HONEY PUMPS

We stock two types of honey pumps which are very popular with beekeepers all over New Zealand.

"ACORN" GEAR TYPE HONEY PUMP:

This pump has been specially adapted for pumping honey and is complete with ferrobestos bushes which do not require lubrication. It is manufactured of stainless steel, gunmetal and bronze. Two sizes, 1" and 1½" are available, with capacities as follows:



	<u>70 r.p.m.</u>	<u>140 r.p.m.</u>	<u>250 r.p.m.</u>
1"	397	795	1420 lbs. per hour
1½"	596	1192	2130 lbs. per hour

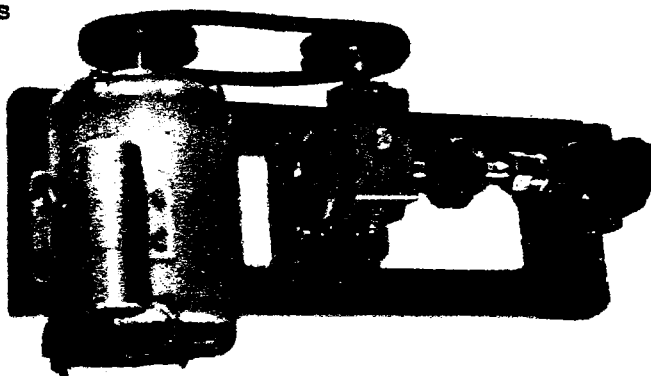
At 70 r.p.m. either pump is capable of handling honey of any viscosity, especially when thick, cold and semi granulated. At 140 r.p.m. they will handle warm or cold liquid honey, and at 250 r.p.m. warm thin liquid honey only.

PENDER SLIDING VANE HONEY PUMP:

Manufactured of cast iron and more suitable for liquid than semi granulated honey. Capable of capacities of up to 800 lbs. per hour at 250 r.p.m. pumping liquid honey.

HONEY PUMP UNITS

Either of the above types of pump can be supplied in a complete unit with motor and gear box. Our standard units consist of honey pump coupled correctly to English made reduction gear box, driven by ½ h.p. Capacitor start motor. Any different set up can be supplied if required.



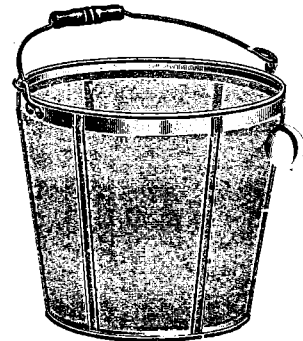
HONEY PUMP UNITS (Cont.)

FLOAT SWITCHES to control the operation of honey pumps are an important piece of equipment. These mercury type switches are recommended to users of honey pumps.

HONEY STRAINERS

The bucket type strainer illustrated is carried in stock, and is particularly useful for the smaller beekeeper. It is constructed of brass gauze with tinned steel supporting framework.

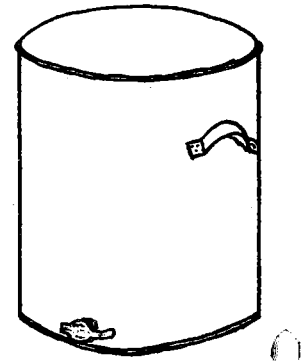
Other types of strainers to suit larger beekeeper's individual needs can be quoted for on request.



HONEY TANKS

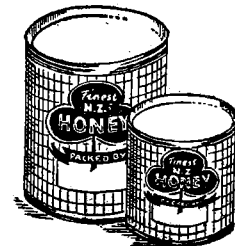
Our stock honey tanks, manufactured from heavy gauge tinned steel, have capacities of approximately $\frac{1}{4}$ ton $\frac{1}{2}$ ton
 $\frac{3}{4}$ ton 1 ton

The above tanks are round and have flat bottoms, but we will be pleased to quote for tanks of any other size or specification.



HONEY TINS

We are happy to handle orders for South Island beekeepers for Gadsdens' printed and plain honey tins. As it is not economical to send tins to the North Island, North Island beekeepers are recommended to place their orders direct with the Petone and Auckland factories.



HONEY TINS (Cont.)

A full range as below can be supplied:

- 2 lb. printed and plain
- 5 lb. printed and plain, billy type or ring and bung
- 10 lb. printed and plain, billy type or ring and bung
- 30 lb. plain or gold lacquered, local (wide bung)
- 60 lb. plain or gold lacquered, local with wide bung, or export with small bung or screw cap.

METAL REBATES

Used as frame supports when a $\frac{3}{4}$ " frame rebate is cut in the ends of storeys. These are automatically supplied with all our lock cornered storeys, but can be supplied separately if required.

NAILS

Most of the nails we supply are specially supplied for beekeepers' use and are not always readily available at hardware stores.

FLAT HEAD, CEMENT COATED -

$\frac{1}{2}$ x 20	For wiring frames	approx. 6,500	per pound		
$1\frac{1}{4}$ x 17	For nailing frames	" 1,050	"	"	"
$1\frac{1}{2}$ x 16	For nailing frames	" 750	"	"	"
$1\frac{1}{2}$ x 14	For heavier work - roofs etc.	" 510	"	"	"
$1\frac{3}{4}$ x 15	For heavier work - roofs etc.	" 300	"	"	"
2 x 13	For nailing storeys etc.	" 250	"	"	"
$2\frac{1}{2}$ x 12	For nailing storeys etc.	" 160	"	"	"

FLAT HEAD, GALVANISED -

$\frac{1}{2}$ x 14	Clouts for fastening iron to roofs etc.	" 920	"	"	"
2 x 12	For nailing storeys etc.	" 190	"	"	"
$2\frac{1}{2}$ x 11	For nailing storeys etc.	" 120	"	"	"

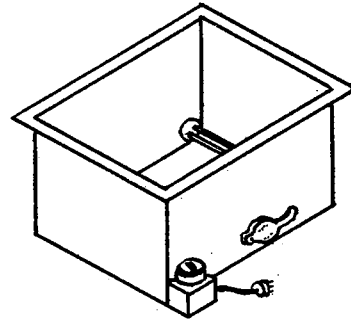
Galvanised nails are particularly recommended when nailing equipment that is to be treated with paraffin wax.

PARADICHLORBENZENE (P.D.B.)

Packed in 1 lb. tins or in bulk quantities. An efficient wax moth exterminator - just sprinkle on sheets of paper dividing storeys when stacked. Is also useful in preventing moths in carpets etc.

PARAFFIN WAXING UNITS

Preserve your equipment efficiently at low cost with an "Alliance" Paraffin Waxer. This unit is manufactured from 20 gauge tinned steel and is fitted with 2 - 2000 w. elements and honey gate. The overall dimensions are 20" x 26" x 15" high, which allow it to accommodate storeys, roofs, bottom boards and other equipment. The usual procedure is to melt a mixture of 90% 135/140 paraffin wax and 10% 155/160 microcrystalline wax to about 250°F. when the equipment is immersed for a few minutes. Our plastic gloves are very suitable for handling this hot equipment. We also supply the necessary paraffin and microcrystalline waxes.



These units can be supplied in two models:

With two single heat 2000 w. elements

With two 3-heat 2000 w. elements, complete with 3-heat switches.

PYROTENAX HEATING CABLES

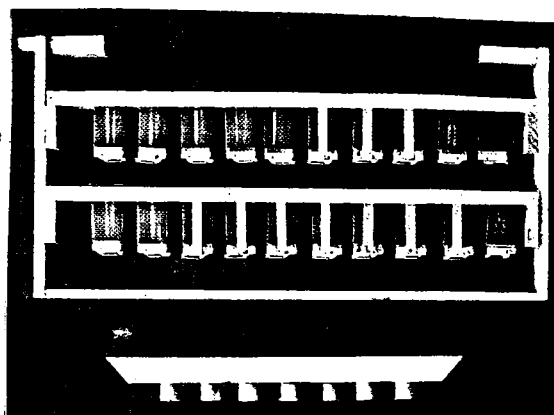
This popular, modern and economical method of heating is daily replacing many less efficient methods of heating in honey houses. 830 w. and 1300 w. cables are carried in stock, but other sizes can be supplied on request. The standard length is 100 feet, but this can be varied to suit particular needs.

QUEEN REARING MATERIALS

JELLY SPOONS

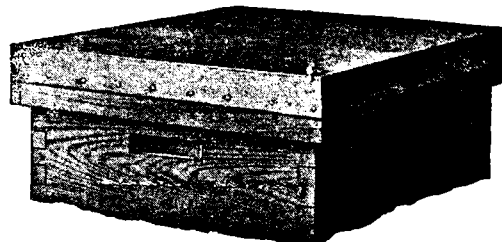
TRANSFERRING NEEDLES

QUEEN REARING OUTFIT COMPLETE containing 1 cell raising frame with 5 bars, 1 nursery frame containing 20 cages, (as illustrated) 50 waxed wooden cell cups, 50 extra wax cups, 1 transfer needle and jelly spoon, 1 cell forming stick, and book on Australasian Queen Rearing.



ROOFS

Manufactured with $\frac{5}{8}$ " rebate jointed deck with $2\frac{1}{4}$ " x $\frac{5}{8}$ " lock cornered side rails. Supplied with or without sheets of 26 g. galvanised iron which provide a permanent waterproof cover.

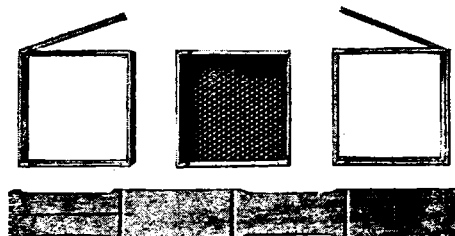


SCALES

Any type including the "Avery" 350 lb. Platform model can be secured for interested clients.

SECTIONS

Manufactured from selected clean pinus radiata and white pine (kaikatea). New machinery and methods have recently been employed, resulting in a really first class section of a really fine finish being manufactured.



SECTIONS (Cont.)

When assembling sections, it is essential to pour boiling water on the V grooves by holding a number of sections in one hand and pouring the water over the area of the grooves. This procedure will avoid breakages.

SECTION BAGS

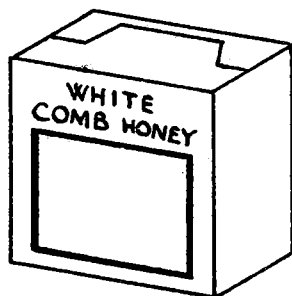
Cellulose bags, just the right size to take a section. The top can be quickly closed with cello tape.

SECTION CARTONS

No. 1 Standard Carton

An attractive low cost carton for packaging section honey.

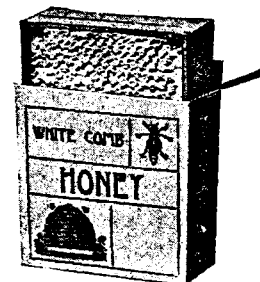
No. 2 "Cut out" front Carton



Increase your sales of comb honey at a higher price by using No. 2

Cartons and Cellulose Bags. Sections when packed in this manner, command higher prices and enjoy greater sales. Interested producers of sections are invited to send for free sample cartons.

Special prints can be undertaken at most competitive prices.



SEPARATORS

Almost everlasting tinned steel section frame separators. Should be tacked on one side of section frames to prevent bees joining sections with burr comb.

SMOKERS

Seven types are available to meet the needs of every beekeeper.



- 2 $\frac{1}{2}$ " Tinned steel barrel, leather bellows
- 2 $\frac{1}{2}$ " Tinned steel barrel, Vynex plastic bellows
- 3" Brass barrel, Vynex plastic bellows
- 3 $\frac{1}{2}$ " Tinned steel barrel, leather bellows
- 3 $\frac{1}{2}$ " Tinned steel barrel, Vynex plastic bellows
- 3 $\frac{1}{2}$ " Brass barrel, Vynex plastic bellows
- 4" Brass barrel, Vynex plastic bellows

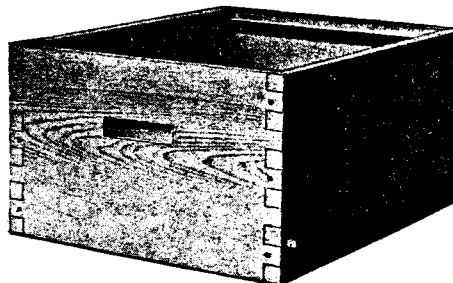
STOREYS

Manufactured from high grade, well seasoned pinus radiata timber. Lock cornered construction ensures rigid strength for a lifetime of use.

FULL DEPTH

Outside dimensions 16" x 20" x 9 $\frac{9}{16}$ "

● Storeys machined with $\frac{3}{4}$ " rebate to take metal rebates which are supplied with all storeys at no extra cost.

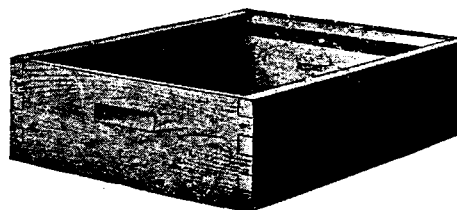


THREE QUARTER DEPTH

Outside dimensions 16" x 20" x 7 $\frac{1}{2}$ "

HALF DEPTH

Outside dimensions 16" x 20" x 5 $\frac{1}{4}$ "



UNCAPPING OUTFITS

UNCAPPING KNIVES

Plain 8"
Plain 10"

When using plain knives, two are desirable, so that one can be heating in hot water while the other is in use.

Jacketed 10" straight handle
Jacketed 12" straight handle

Jacketed 8" bent handle
Jacketed 10" bent handle
Jacketed 12" bent handle

UNCAPPING PLANE, shaves the cappings off, working in a similar manner to a safety razor. The blade is steam heated with copper tubes running through the handle. The blade on the reverse side is used for cutting off burr comb, scraping frames etc.

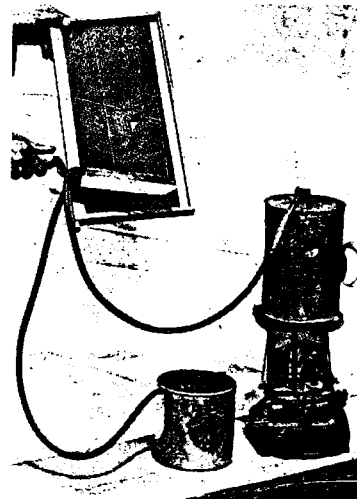
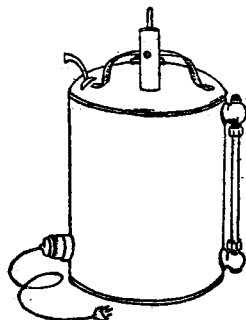
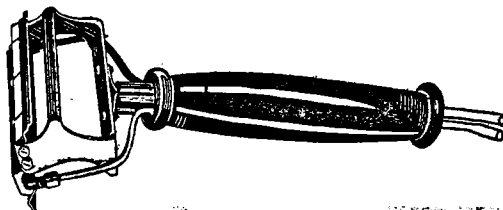
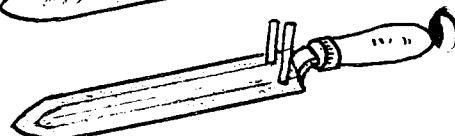
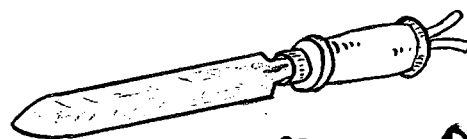
GALVANISED BOILER - for use on primus etc.

GALVANISED DRIP CAN - to take condensate from knife or plane.

ELECTRIC BOILER, sturdily manufactured of copper with safety valve, gauge glass, 1000 w. element and 3 pin plug.

PLASTIC TUBING for steam knives.

RUBBER TUBING for steam knives.



Complete outfit,
including galvanised
boiler (on primus)
and drip can.

VEILS



NET VEIL - Very convenient to keep in a pocket for a quick look at the bees.



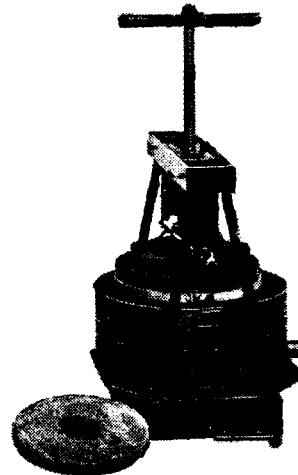
FOLDING WIRE GAUZE VEIL - Well designed so that it can be folded after use, to avoid damage and save space.



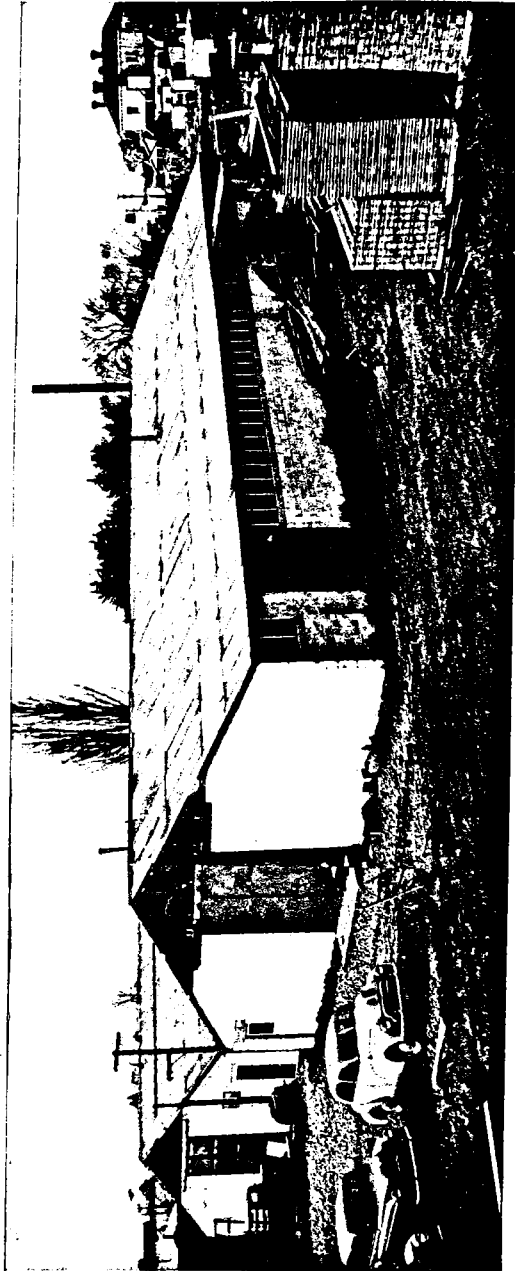
PLASTIC GAUZE VEIL - A well designed veil manufactured from dark green plastic gauze which can be screwed up in your pocket without any damage.

WAX PRESS

A well proved unit for pressing wax from old combs and slum gum.



A view of the factories in which we manufacture most of the bee supplies described in this catalogue. The factory of 4,500 square feet in the foreground, is that occupied by The Alliance Bee Supplies Co. Ltd., and is engaged in the manufacture of woodware etc. That of 3,000 square feet in the background is occupied by A. Ecroyd & Son Ltd., and is engaged in the refining of beeswax and manufacture of comb foundation. These two firms are proud to have been supplying the beekeeping industry in New Zealand for over 45 years.



31st August, 1959.

Stockists of "Alliance" Bee Supplies and "Acorn" Weed Process Comb Foundation

WHANGAREI & NORTHLAND AUCKLAND	North Auckland Farmers' Co-op. Ltd. At all Branches. Auckland Farmers' Union Co-op. Society Ltd., Hobson Street
TE AWAMUTU	C. T. Rickit & Sons Ltd.
TAURANGA	Guinness Bros. Ltd.
GISBORNE	Common, Shelton & Co. Ltd.
NEW PLYMOUTH	Farmers' Co-op. Org. Soc. of N.Z. Ltd.
HAWERA	Farmers' Co-op. Org. Soc. of N.Z. Ltd.
NAPIER	A. Simmonds & Co. Ltd.
HASTINGS	A. Simmonds & Co. Ltd.
WANGANUI	Mason, Struthers & Co. Ltd.
PALMERSTON NORTH	Watson Bros. Ltd.
WELLINGTON & WAIRARAPA	Wairarapa Farmers' Co-op. Assn. Ltd. At all Branches
NELSON	Buxtons Ltd.
BLENHEIM	N.Z. Farmers' Co-op. Assn. Ltd.
WESTPORT	Martin & Co.
CHRISTCHURCH	The Alliance Bee-Supplies Co. Ltd.
CHRISTCHURCH	A. Ecroyd & Son Ltd.
ASHBURTON	N.Z. Farmers' Co-op. Assn. Ltd.
TIMARU	Canterbury Farmers' Co-op. Assn. Ltd.
WAIMATE	Canterbury Farmers' Co-op. Assn. Ltd.
OAMARU	North Otago Farmers' Co-op. Assn. Ltd.
DUNEDIN	Otago Farmers' Co-op. Assn. of N.Z. Ltd.

In our catalogue we have listed standard lines.
Should you prefer goods of any other design, send
us a sample or full specifications, and we will
be pleased to quote for your requirements.

BEESWAX

We are always requiring large quantities of beeswax for which we pay top market rates. Write us when your wax is ready, for our current quotation, and forwarding instructions if required.

We are always glad to accept beeswax in payment of accounts.

OLD COMBS RENDERED

Save yourself this most unpleasant task of all. We have special equipment to handle this job efficiently and the EXTRA wax which we recover goes a long way towards paying our charges.

NORTH ISLAND BEEKEEPERS - THIS INCLUDES YOU:

We have many satisfied North Island customers who find it pays handsomely to send us their combs even after allowing for freight costs. Write us immediately for shipping instructions.

TERMS

Old Combs:- Half recovered wax retained to cover cost of rendering. Remaining half either purchased or converted into foundation.

The above terms apply to unmelted combs etc. only.
All freight to beekeeper's account.
Disease-free combs only accepted.

CONSIGN YOUR BEESWAX, FOR SALE OR CONVERSION, DIRECT TO

A. ECROYD & SON LTD.

25 SAWYERS ARMS ROAD, CHRISTCHURCH