

OFFICIAL JOURNAL OF THE HIRE ASSOCIATION OF AUSTRALIA

HIRE

AND RENTAL EQUIPMENT NEWS

Vol.10 No.8 DECEMBER, 1977

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HIRE

AND RENTAL EQUIPMENT NEWS



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Vice President: Peter Burne

Secretary: Rolf Schufft.

Phone: (02) 290-0700.



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Secretary: Terry Steel

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EDITORIAL:

All Editorial copy should be addressed to:

**The Hire & Rental Equipment
News Editor,
C/- the Publisher.**

Opinions expressed in HIRE and Rental Equipment News are not necessarily those of the Hire Associations.

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2 Dale Street,
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Phone (02) 93-0351.

COVER PHOTO:

The recently introduced CP Super Scamp and trailer mounted air compressor said to be easily towed by a sedan. Details are on page 17.

Printed in Australia by —
Vaughan Douglas Printers.

THE EDITOR'S PAGE



The December 10, 1977, election is now a matter of history, and so for the most part is the result.

While some may have been amazed and others appalled, everybody would now like to see the parliament, government and opposition alike, get on with the job of getting the country back into top gear.

Mr. Chipp may look to his holding the "balance of reason" in the Senate, but the electorate at large has effectively demonstrated its disenchantment with the performance of both major parties, and shown itself alone to hold the whip hand. It's to be hoped that they — the politicians — realise that fact. And it's to be hoped that Mr. Chipp lives up to the expectation of offering a third choice.

We all will have reason to remember — or forget — 1977, notwithstanding the elections, the economy, the unemployment, and Mr. Whitlam's relinquishing of the leadership of the Federal Parliamentary Labor Party.

Wal Reynolds will remember because of his experience with the fire at Barwick Hire last October; those who got there will remember the pleasure and enjoyment, not to mention the value, of the National Convention held in Melbourne during September; and we here at Leader Publishing will remember 1977 as the year of the inauguration of HIRE magazine.

It is that time of the year, and all of us here at HIRE magazine would like to wish you all a very Merry Christmas, and a Happy, Prosperous and Profitable 1978. And we'd like to say thanks to those of you who have helped in the preparation and production of HIRE.

See you next year.

GUEST COLUMNISTS WANTED. APPLY IN WRITING

Hire Magazine plans to run a regular guest column of say 300-500 words. A different guest each issue. Open to all Members, Wives, Associates and Hire Company Employees. (Associates including advertising please make it subtle.)

Any subject of readable interest — technical, humour, gossip, plans to rule the world etc. The material will be published under your own name or a pseudonym if preferred. Try your wits on word power! Publication of material received is not guaranteed.

Material acceptable whether typed, pencilled or painted on bark.



Q.

**Which
witch is
best for
your Rental
Customers?**

DITCH WITCH HAS THE ANSWER!

A.

There are different Ditch Witch models available for all kinds of rental requirements ... which one is best for you, depends on your needs. If you rent mostly to homeowners, one of our handlebar models will be just right. They carry a relatively low price tag, and operational procedures are easy for your customers to understand. If you're into contractor rentals, consider our new 18-HP class Model 2200 trencher, or one of our larger Modularmatics that can trench and do other underground jobs, too. The point is, Ditch Witch has the equipment to fit varying rental needs and backs up every Ditch Witch model with a professional parts and service organisation. Why not talk things over with your Ditch Witch dealer?



The Ditch Witch Model 2200 with optional roll over protective structure and flotation tyres.



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ML39/FP

HIRE introduces Awards for Hire Industry Members

Many trades and industry associations present awards to individual members whose outstanding performances in promoting their own industry, have merited both recognition and reward.

Such recognition is well justified.

The publishers of HIRE and Rental Equipment News have announced the institution of an award called the 'Leader Award'.

An annual award presented each year at the National Convention will be given to the individual Hire Association member who is seen to best promote the Hire Industry by personal effort during the year.

The award will be in the form of an engraved perpetual trophy and a replica for the winner's retention. The replica will also be engraved. Winner of the award will be judged by the National President and the Editor of HIRE.

According to the publishers, the winner will probably have presented the hire message by talking to Lions, Apex, Rotary, or similar body, or by speaking on radio or television, or by writing an article on the Hire Industry for any general publication. In fact, a

member who spreads the word to the public by any means available.

It is important to note that a member may be nominated by another member, state association, or he may nominate himself.

HIRE Editor's Award

A second award, the Editor's 'Gold Star Award' will also be presented annually.

Decided upon by the Editor of HIRE, this award is to be presented to the Hire Association member who has contributed most during the preceding twelve months. It will also be presented during the National Convention.

At the National Convention....

The 1978 National Convention is to be held in May, 1978 so if there's anyone you believe to be deserving of the 'Leader Award' let's hear from you now. As far as the Editor's 'Gold Star Award' is concerned, there is no need for you to nominate for it. Just keep the material coming and we'll do the rest.

HIRE A ROBOT HIRE IN THE FUTURE

It had to happen eventually. The invention of an all purpose robot in the U.S.A. renders the possibility of these machines becoming a standard item of Hire machinery. The cost is low, about \$3,500 (U.S.) which makes it all possible in the near future.

These robots can wash and polish, dishwash, do the ironing, cook and serve dinner on a programmed menu, answer the phone, mow the lawn and put out the garbage. It can also act host and mix and serve drinks, and do an almost anything worthwhile around the house.

The robot has a vocabulary of 250 words; it can be programmed to do all the required chores while you go out and have fun. Future models will be set to laugh at your jokes.

For further information contact the head robot in U.S.A., Mr. Robot E. Lee.

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JOHN WILSON
PRODUCTION MANAGER

NATIONAL PRESIDENTS MESSAGE

Our thoughts at this time are probably focusing on the New Year. We would be looking at its challenges as well as its opportunities.

I fear that inflation has eroded away some of our profitability for a good while. Stagnation in the construction industry has meant competitive conditions with rates not keeping pace with costs. Next year may see continued cost pressure on us as equipment from Japan and Europe is becoming more expensive due to currency movements.

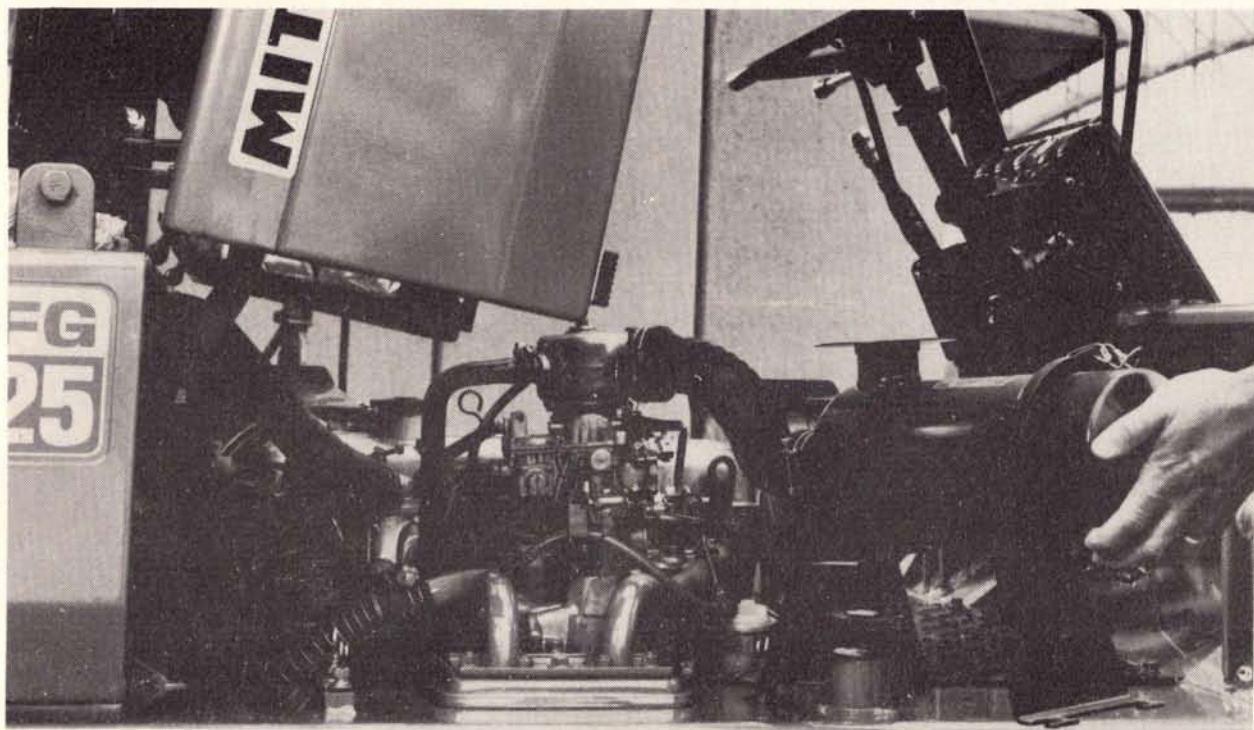
Hopefully inflation in the New Year will continue to fall which should lead to lower interest rates resulting in more investment, more capital works. And speaking of investment perhaps the Government will extend the investment allowance legislation to include the Hire Industry.

We all must be optimists'.



Best wishes and hope that you all have a successful New Year.

D.G. Whelan
President



A completely re-designed range of Mitsubishi forklift trucks was previewed by Chep Equipment (a division of Brambles Holdings Limited) recently at the Sydney Opera House.

Servicing is made particularly easy with a high swingaway engine hood and a swing out heavy duty air cleaner giving excellent access to the principal parts of the engine.

1978 National HIREXPO Field Days and Convention on in Sydney



The Annual Hirexpo Field Days will be held in Sydney on Thursday and Friday, May 25 & 26 next year, and they will be staged at the site of the 1978 National Convention – the Chevron Hotel at Kings Cross.

For the first time the National Convention will be set up with field days opportunities, even though this will be the fifth Hirexpo held in New South Wales.

Judging from past experience, these field days are a must for members of every hire company. For suppliers to the hire industry, the field days are also a must and exhibition space is available.

The Hirexpo conducted by the N.S.W. association in May 1977 was an enormous success – exhibitor space was sold out three weeks before the show and applications should be in well before time for this which is to be a National Convention as well.

The site chosen allows for a wide range of gear to be displayed. Marquees will cover the huge hole at the rear of the Chevron Hotel and booths can be set up in

the ballroom as well. The organisers want as much equipment as possible to be operating for working demonstrations.

Setting Up and Removing Stands:

Arrangements have been made to enable exhibitors to commence setting up stands on May 24th. All stands must be set up by 11 a.m. on the opening day. No vehicle will be admitted after 9 a.m.

Removal of stands can commence as from 6 p.m. on May 26th and must be completed by 5 p.m. on May 27th.

Delivery and Removal of Displays:

The display area in the hotel has difficult access and large items of equipment will need some considerations for transportation. Any exhibitors in doubt should visit the site and make arrangements accordingly.

Exhibitor Passes:

Each stand will be issued with three passes and extra passes may be purchased for extra visitors from outside of the Hire Industry. There is opportunity for exhibitors to invite their clients from any field of Industry.

Telephones:

The Hotel has telephones for outside calls.

Security:

Security guards will be provided.

Public Risk Insurance:

A public risk cover for \$500,000.00 is provided by the Hire Association for all exhibitors listed.

Electricity:

Some power sources will be available and exhibitors should state their requirement for voltage and amperage.

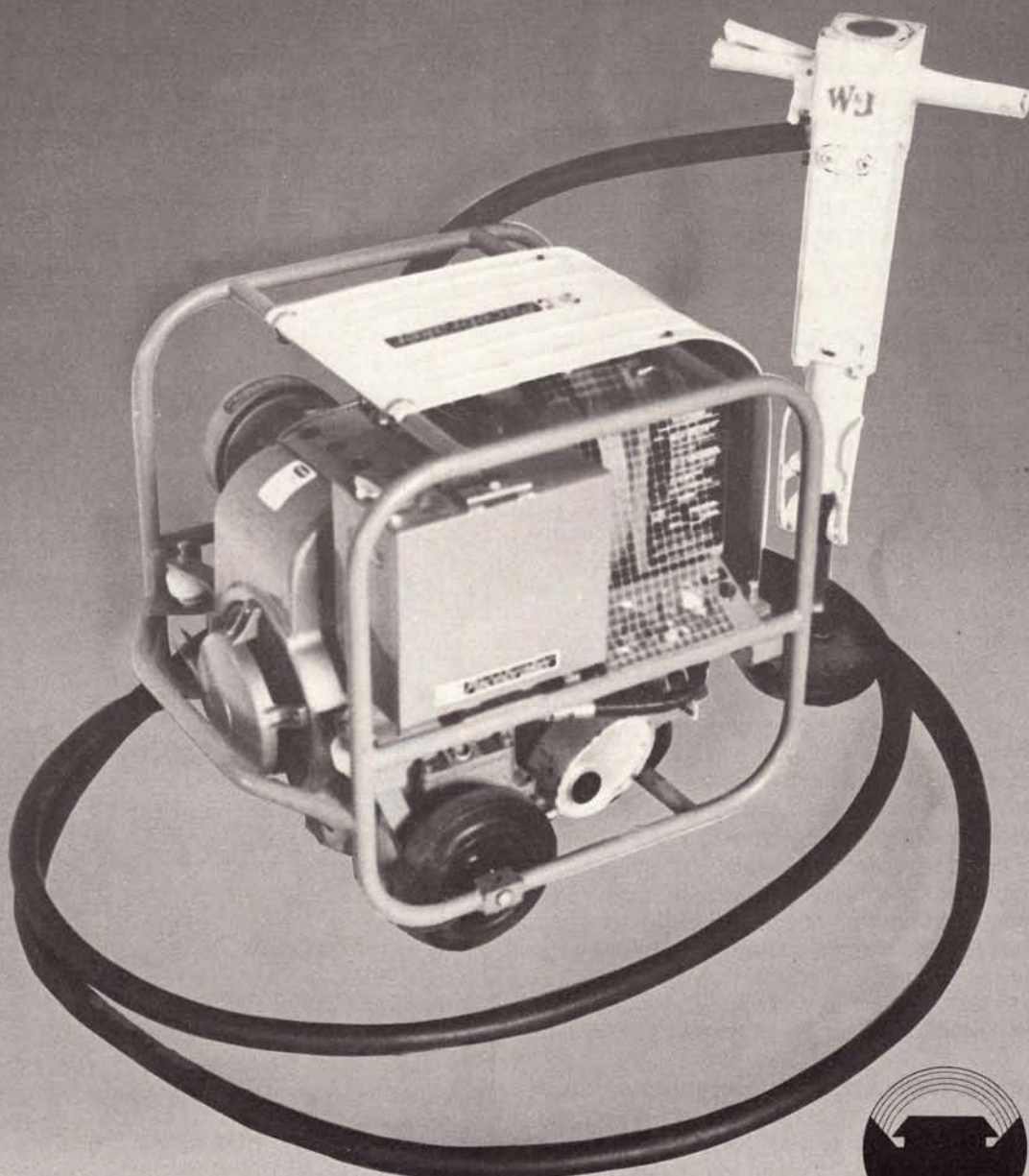
Water:

Exhibitors requiring water must indicate so.

The Committee heading this years Hirexpo is: Gordon Esden, Silverwater Plant Hire, Phone: 648-5455; John Brookfield, Hire Kingdom, 601-1766; Joe Price, Price Portable Plant Hire, 398-3346 and Bob Meyer, Atlas Copco, 622-4444.

Hirers; do not miss this, you may call for just an hour or a day, you do not need to be a Convention Delegate.

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State News & Views

QUEENSLAND

High Risk Equipment discussed

The Hire Association of Queensland at its November meeting, discussed the continuing problem of misuse of equipment through ignorance or carelessness.

Instruction sheets on the care and use of high risk equipment, such as chain saws and spray plants, are to be considered and a special sub-committee has been formed to initially decide on the items of equipment involved, and to then pass the suggestions on to the National Association.

The next meeting of the Queensland Association will be the General Election of Officers.

(We'd like to hear more about the evening, because of its interest to members in other States — Ed)

SOUTH AUSTRALIA

The October and November meetings of the South Australian Association saw some very lively debate.

So much so that Peter Couche of Savage Construction Hire gave a talk for 15 minutes on "The Aims of the Association". Peter, who holds a Commerce degree and a Masters diploma in Business Administration, owns an expanding hire company, and his views were of interest to everybody present at the November meeting.

On Wednesday, November 23, the South Australian Association held a practical workshop demonstration and discussion. Topics to be covered were Spray Painting, Oxy-cutting and Gas Safety, and included a demonstration of spray painting and the techniques of using a spray gun (different nozzles for different types of paint etc.) as well as safety in the use of oxy-cutting equipment.

MY "KINGDOM" FOR A HOUSE.....

John Brookfield is very proud of his latest "naked hire". Some may recall that in 1975, Hire Kingdom provided the toilets for the Australian Nudists Convention at Wisemans Ferry. (John certainly hasn't forgotten a thing!).

Well, this year Hire Kingdom are providing "Super Loos" to the nude Reef Beach lovelies. Not only do they get to supply the loos, they pump them out each Monday. We're told that they have to draw straws for the job!

NEW SOUTH WALES

Hire Association of N.S.W. Annual General Meeting will be held on 14th February at the Sebel Town House. Guest Speaker will be Mr. Harry Sebel, owner of the Sebel Town House and Chairman of Sebel Limited. He will talk on the penalties of penalty rates.

Planned activities in N.S.W. for 1978 are:

Feb. 14	A.G.M.
March 8	Committee Meeting
15	WORKSHOP MEETING
April 19	Committee Meeting
May 25/26/27	ANNUAL NATIONAL CONVENTION
June 14	Committee Meeting
July 5	WORKSHOP MEETING

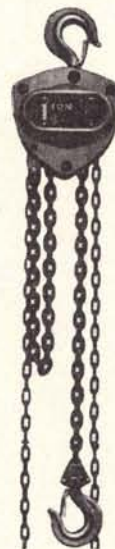
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Overseas News

HIREX 78 — UK

Australians and New Zealanders are assured of a very warm welcome at the Exhibition for the Hire Industry, January 24, 25, 26, 1978, Wembley Conference Centre, London.

Contact the Secretary, Hire Association — Europe Ltd., 21 Merrivale Avenue, Redbridge, Ilford, Essex, U.K.

Conference Topics: "The Road To Riches is Paved with Borrowed Money" (or at least it can be)

"Lock your Back Door" You could be losing equipment.

"Hire Clinic" Informal Discussion Group.

"You Can't Afford to Die!" (Can you afford to Retire?)

Plus yard tours and social activities.

CALIFORNIAN RENTAL ASSOCIATION

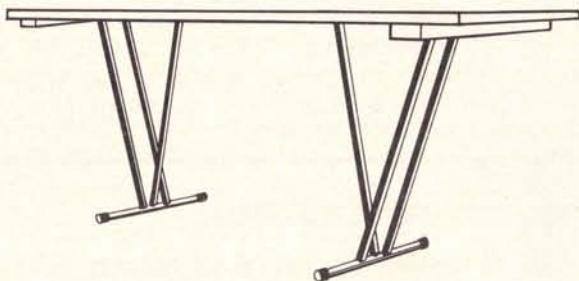
CRA 1977 CONVENTION was the most successful convention they have ever held. There were 500 exhibitors and 3,300 registrants. All business and social functions set new records for attendance and 5 million dollars was spent on equipment at the show! There was a contingent from Japan in attendance, representatives from the U.K., Australia, Canada, Guam Puerto Rico, Mexico, Alaska and Hawaii. The 1978 CRA Convention will be held in Palm Springs during the week of October 7.

JOIN THE HIRE ASSOCIATION

Membership of the Hire Association offers many advantages, to both hirers and manufacturers.

If you're not a member, why not join **NOW**.

A Leg fit for the best of tables



The ELLIS Patented Folding Leg ideal for square tables, round tables, banquet tables, high tables, low tables....in fact any sort of tables, and of course, forms for seating.

Available only from



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The ELLIS Folding Leg needs only six screws for attachment — folds flat to only $1\frac{1}{8}$ " — is light but strong — locks in the folded position — supports 6, 8 and 10 foot table tops — specially built for the hard hiring life.

Plated and not painted, the ELLIS Leg is maintenance free and almost essential for any equipment hirer.

The ELLIS Leg is patented and prosecutions are proceeding over infringements of the patent.

These trestle legs can also be supplied complete with tops. Coated or uncoated.

47 Hawker St., Airport West,
Victoria. 3042. Phone: (03) 338-2696

NEW ZEALAND NEWS

Small Claims Tribunals and their effect on the N.Z. Hire Industry

Concern is being expressed by some members of the Hire Industry in N.Z. over decisions being made by the newly formed "Small Claims Tribunals" which have been set up in some N.Z. cities to ease the load on Magistrates Courts by handling minor cases.

Decisions made by these Tribunals are final and there is no right of appeal. So far, there have been decisions made which indicate that many Hire firms will have to look very critically at their "Hire Agreements" and how efficiently they are used.

Warranties disallowed by some N.Z. Equipment Suppliers

Trends over some equipment suppliers not allowing warranties on certain items of plant sold to some Hire firms are not only showing in U.S.A. and Australia but now in N.Z. with at least three suppliers taking this action.

The Hire Association is to make representations to these firms to see if some action can be taken to resolve this problem amicably.

Branches formed by the Hire Services Association of N.Z.

At a meeting held in Auckland in September a branch was formed to handle local affairs of Region 4 (North of the North Island) with a membership of 32 Hire Firms.

The branch committee elected were:

Tom Atkinson (Chairman) — McEwens Hire Service Ltd., Auckland.

Ron Berry (Secretary-Treasurer) — Cascade Hire Centre Ltd., Auckland.

Russell Sephton — U Tow Ltd., Auckland.

Colin Crooks — Air Hire Centre Ltd., Auckland.

Neil Callaghan — Eastside Hire, Hamilton.

Harvey Bryant — Tauranga Hire Service Ltd., Tauranga

Ted Cowley — Cowleys Hire Centre Ltd., Whangarei

Phil Levy — Auckland

A meeting held in Palmerston North on the 2nd October formed a branch to cover the affairs of Region 3 (South of the North Island) the membership of this Region being 15 Hire Firms.

The committee elected were:

Gordon Dale (Chairman) — N.P. Hire Centre Ltd., New Plymouth.

John Mikkelsen (Secretary-Treasurer) — City Hire Centre Ltd., Palmerston North.

Frank Tickner — City Hire Centre Ltd., Napier.

Roy Walker — Wainui Hire Centre Ltd., Wainuiomata

Clem Rolls — Napier Hire Centre Ltd., Napier.

It is hoped that similar branches of the Association will be set up in the South Island in the not too distant future.

Hire Rate Guide

All members of the Hire Services Association of N.Z. will shortly be sent a copy of a schedule of rates prepared by the Association for guidance in the hiring out of plant. The schedule does not, either expressly or by implication, purport to constitute a recommendation to members, and is issued for information only. Members are, of course, free to charge such rates as they see fit.

A Little About Eastside Hire New Zealand

Eastside Hire was formed in 1973 as a division of F.J. Callaghan Ltd., Building Contractors, Hamilton, New Zealand.

It has an inventory covering the needs of the building and contracting industry, handyman and general hire and operates from a drive through building on a site of approximately $\frac{3}{4}$ an acre. The drive through facility enables equipment to be on and off loaded or stored under cover and has received favourable comments from customers, especially under adverse weather conditions. Adequate yard areas are available for the storage of mobile equipment and trailers.

Eastside Hire employs a staff of eleven, has full

workshop facilities covering maintenance, repairs, painting and some manufacturing and is currently developing a sales department covering agency items which are compatible with hire plant.

Neil Callaghan, Managing Director and wife, Ngaire were fortunate in being able to attend the Australian Hire Association Annual Convention in Melbourne, and together with the other delegates from New Zealand enjoyed the hospitality that our Australian friends are renowned for.

The opportunity to meet people involved in similar operations with much the same problems encourages discussions which must benefit all.

(Continued on Page 12)

SIMPLE SERVICE!

The new 3HP Briggs & Stratton Sleeve Bore Horizontal Engine is a natural for many hire fleet applications.



This new addition to the Briggs & Stratton range was produced originally for use in developing nations where sophisticated service is not normally available. Now available in Australia, it's features include:

- Cast iron sleeve bore
- Stellite exhaust valve seat
- Dual element air cleaner
- Flo-jet carburettor
- Protected spark plug
- Easy spin rewind starter

For further details contact the Australian Factory Representatives and Central Service Distributors:



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BENEFITS OF JOINING THE ASSOCIATION

WHAT YOU GIVE

1. Annual membership fee (varies in different states)
2. You send only if you wish details of your troublesome debtors to the Association Secretary.
3. You contribute any ideas on bulk buying that might help if you were given additional buying power.
4. You give any news that you would like spread throughout the industry.
5. You or your staff can attend workshop sessions, national or international conventions.
6. You subscribe to a code of ethics that pledges honesty and good service.
7. You contribute good fellowship and companionship.
8. You give any industrial query to the Association.
9. You support the Association by attending meetings and participating in organised schemes and functions.

WHAT YOU RECEIVE

You may receive an inter-hire discount of up to 20% from other members of the Association for any goods you hire or rent. You are not compelled to do the same unless you wish.

YOU RECEIVE a monthly bad debtors list if you participate. Avoidance of one bad debt may pay your annual contribution.

YOU RECEIVE the opportunity to participate in any bulk buying scheme. One purchase alone may save your fee ten times over.

YOU RECEIVE a regular newsletter highlighting new trends, company information or stolen equipment. You also receive regular copies of this magazine — Hire & Rental Equipment News.

YOU RECEIVE many ideas from many people

with whom you mix. Just one idea may save hundreds of dollars.

YOU RECEIVE copies of the code to display on your premises to customers. It gives customers greater confidence and assurance.

YOU RECEIVE the benefits of yellow page advertising by the Association inviting the public to deal with Association members. Just one extra customer obtained by any of the above referral methods will pay your membership.

YOU RECEIVE a 'Red Alert' zoning scheme where action is taken immediately on false identity by a pyramid phoning scheme.

YOU RECEIVE a copy of a suggested Hire Agreement specially designed for the Hire industry.

YOU RECEIVE information on Consumer Laws if required or guidance on any number of subjects relevant to the industry.

YOU RECEIVE many more friends over a wide range of the Hire industry. Many of them are leaders and have been leaders for a long time. Their hospitality, wisdom, warmth, friendliness and good fellowship is worth the membership fee alone. This fellowship is offered at regular divisional meetings.

YOU RECEIVE the benefits and privileges of the Metal Trades Industry Association, Industrial Officers. One wage or industrial query answered correctly could save much.

YOU WILL RECEIVE the benefits that motivated you to enquire about Membership of the Association.

FOOTNOTE: While most of the above benefits apply, generally not all apply to each state. Every state is orientated to its own industrial laws and conditions. For Membership enquiries ring the State Secretary listed on page one of this magazine).

ODD BITS...

At long last.....

Members of the New South Wales Association who attended the dinner meeting and inspection tour of Spear & Jackson's Sydney warehouse a couple of months ago, have now received the promised garden rake.

Max Shelton, Marketing Director of the Company, said the delay was due to some production difficulties.

However, now's the time to use a rake and the S & J Grass and Leaf rake is just the job, he said.

(It's an ideal size for your wife give it to her for Christmas!)

A LITTLE ABOUT EASTSIDE HIRE, NEW ZEALAND

(Continued from Page 10)

The seminars covering a wide range of topics gave much food for thought, possibly the provision of written text at these seminars would assist in future discussions on the topics covered.

The experience and enthusiasm of the American visitors gave an indication as to the depth of the industry of that country, both this and the information and assistance given to the New Zealand delegates by our Australian friends must be of great benefit to the newly formed Hire Services Association of New Zealand and we look forward to meeting with as many as possible of them at our own convention in Christchurch in 1978.

According to Denise Layton, just two short years ago she was not even aware of the word 'hire' and its implications. Today she says, that word has changed her whole lifestyle. Here's how.

THE "HIRE" PLAN OF LIFE

My phone begins ringing at 7 a.m. and I come a-running as fast as I can
"Oh, please can you help me", says a voice in my ear
"My mother-in-law's coming and I need a chair,
A bed and a mattress, a table and phone
But not a TV or she'll **never** go home".
So I name him the companies who will help him out,
Then go back to my housework and dish out a clout
To my kids causing havoc whilst I'm not about.

In case you don't know it, I work from my home.
The chores hardly get started when off goes the phone.
A fitness fanatic whose wife's overweight
Needs a rowboat and bicycle, dumbbells and weights
When he's sorted out, someone else wants a tent,
A generator, some scaffolding or a welder to rent,
Earthmoving equipment, a trailer or truck
Then there's the fellow who rings late at night 'cos he's stuck
Needs a truck in the morning to do a quick job,
Wants to get off quite early, not wait for the mob.

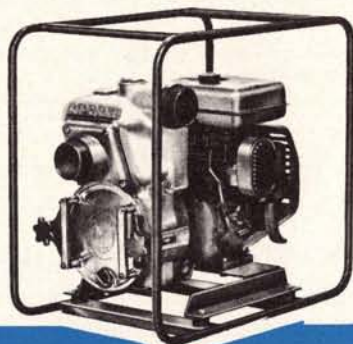
Entertainers who want films, projectors and lighting,
Games of chance, sound equipment and **anything** sporting.
And fresh-air enthusiasts who don't want to rough it
Want air-beds, and toilets and cooking equipment.

By this time, my washings not even moved from the laundry
It's eleven o'clock and the kids are all sleepy
So I take a break to change three lots of nappies.
Half way through this, the girls making a racket,
The phone rings again (it's sure hard to take it)
A comedian this time, wants to rent a small camel
Sure seems to me a slow way to travel!
But I give him some clues about circuses and zoos
Then go back to the mess now pretty hard to unravel.

Apart from the phone calls
There's minutes and meetings, agendas and typing and lots of stamp licking
Morning teas, lunches, and even breakfast sometimes
For my bosses who call in at all sorts of odd times
So much so that now my neighbours are talking
About the number of men who are seen to be calling!

Is it worth it? I say to myself twice a week.
"Of course" the answer came from the Prime Minister's speech.
"Keep working hard, it's best to be busy,
For life just isn't meant to be easy"!

Use QP Trash Pumps, Scott DC Welders & Robin Generators, the versatile hire equipment with the proven track record.



QP 301T

QP TRASH PUMPS

- QP Trash Pumps have the features of a centrifugal pump (light-weight, portability and compact construction) with the added features of a trash pump (ability to pass solids in suspension).
- The trash pump can be easily cleaned of obstructions without the need for tools.
- Repairs can be effected to the impellor and volute without pump disassembly.
- Power unit is a proven long life ROBIN engine, pump and engine rubber mounted in a protective steel rollover cage that doubles as a carry bar.
- The pump housing is aluminium, fitted with plastic fill and drain caps to prevent rusting or seizing.
- The impellor is made of long life cast iron.

QP TRASH PUMP RANGE (4 STROKE ROBIN PETROL ENGINE)			
	QP 20T	QP 301T	QP 40T
Pump Size	50mm (2")	75mm (3")	100mm (4")
Max. Cap	600 L/m (8000 GPH)	1200 L/m (15800 GPH)	1800 L/m (24000 GPH)
Max. Head	24m (78 ft)	24m (78 ft)	24m (78 ft)
Weight	52kg (115lb)	64kg (140lb)	131kg (288lb)



RG 25

ROBIN GENSETS

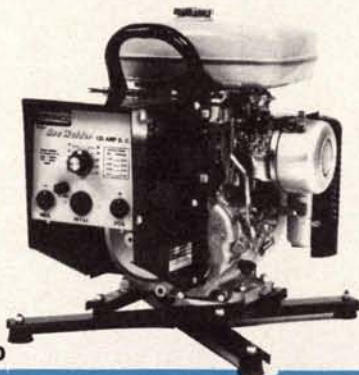
- ROBIN AC generators come in a wide range to match to the hirer's power requirements.
- A built-in automatic voltage regulator reduces voltage fluctuation below 3%.
- The muffler system is a low noise type, allowing use of these generators in close proximity to work site.
- Mechanical protection of the engine/generator combination is a rugged steel frame which can be used to carry the machine.
- A circuit breaker gives electrical protection in all machines of the range.
- The power unit is a 4 stroke ROBIN engine, which has proved reliable in Australian conditions.

ROBIN GENERATORS (4 STROKE ROBIN PETROL ENGINE)				
	RG 10c	RG 17	RG 25	RG 33
Voltage	240	240	240	240
Max. output	1100W	2000W	3000W	4000W
Rated output	900W	1700W	2500W	3300W
Weight	38kg (84lb)	50kg (110lb)	65kg (143lb)	87kg (192lb)

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AUSTRALIA
WIDE SPECIALISTS
TO THE HIRE
INDUSTRY.



135 Amp

SCOTT DC WELDERS

- The Scott Welder is a Direct Current Welder which can be operated in both the straight or reverse current mode.
- The welder can use most rods including exotics like aluminium, stainless steel, nickel and hard surface rods.
- Construction is light-weight making it convenient for on-site use.
- The Welder has solid state current control and an indefinite short circuit will not damage the unit.
- The new 160 Amp and 200 Amp models, available early 1978, will increase the scope of these welders.

SCOTT DC WELDERS 4 STROKE ROBIN PETROL ENGINE)

	135Amp	160Amp	200Amp
Welding Range	30-140 AMPS DC		
Rated output at 25V	135Amp	160Amp	200Amp
Max. OC Voltage	75V	Available early 1978	
Weight	38kg (85lb)		

CROMMELINS AUSTRALIA through the CROMMELINS HIRE DIVISIONS successfully operate an extensive range of equipment in the extreme conditions and vast distances of Western Australia. Versatile and reliable plant is vital to profitable operations.

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Position

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77002 AEVI

NEW PRODUCTS

NEW MITSUBISHI FORKTRUCKS REDUCE NOISE LEVELS

A completely re-designed range of Mitsubishi forklift trucks was previewed by Chep Equipment (a division of Brambles Holdings Limited) recently at the Sydney Opera House.

Mitsubishi design engineers have spent almost two years working on the new range and one of the most important areas of change has been the dramatic improvement in reducing noise levels. Even though the previous models were regarded as one of the quietest on the Australian market.

Chep will distribute the new range of forklifts, with capacities from 1000 to 3000 kgs, throughout Australia in early 1978.

Noise pollution is becoming a crucial factor in industrial thinking today — no less so in design teams at the giant Mitsubishi plants in Japan.

In Australia most governments are slowly reducing the maximum permitted noise emissions from machines through levels of 95, 90 and eventually down to 85 dbA or below within the next few years.

But Chep Equipment can say with confidence that the new Mitsubishi forklift trucks will meet these requirements. Although the noise level change from 95 dbA to 85 dbA may appear small, 3 dbA reflects a halving of sound pressure level. A 10 dbA reduction indicates a reduction in sound pressure level to 12.5 percent.

In normal working conditions (ie, not at maximum engine revs) the average noise level will be even lower — perhaps 75 to 79 dbA.

Not only governments will appreciate the low noise emissions from the Mitsubishi trucks. The forklift drivers who are closer to the noise than anyone will welcome the substantial reductions.

One way this has been achieved is by gaining greater power from the engine at lower revs, but there have been other factors.

The fan in the motor has been re-designed and moved to the rear of the radiator to lessen the noise transmitted.

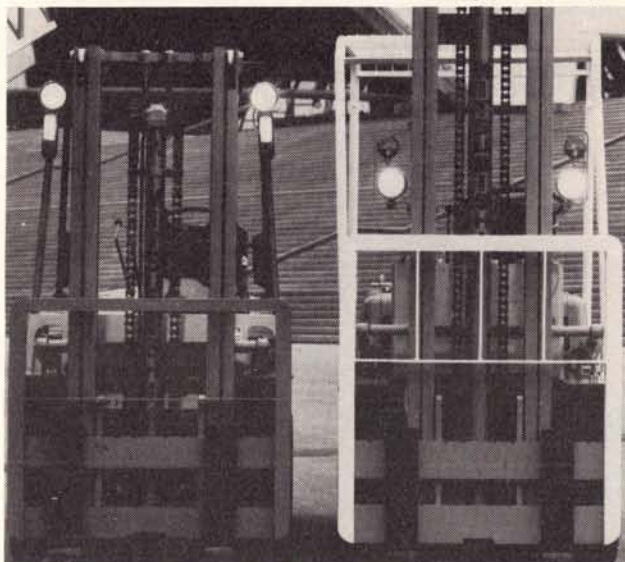
The fan is now made of moulded plastic instead of steel, and aerofoil section blades minimise turbulence which contributes to noise. The fully-shrouded fan runs at lower speed too, but without loss of effectiveness.

The hood has been stiffened to minimise vibrations and has been lined with insulation. Vibrations from the exhaust pipe to the body of the vehicle have been cut by rubber-mounting the muffler.

A drip tray-cum-baffle has been fitted beneath the truck to cut down noise reflected from the ground and the air intake has been ducted to the outside of the truck to reduce intake noise — but also providing cooler air to the engine.

Further information:

CHEP EQUIPMENT
(a division of Brambles Holdings Limited)



A completely re-designed range of Mitsubishi forklift trucks was previewed by Chep Equipment (a division of Brambles Holdings Limited) recently at the Sydney Opera House.

A new model is pictured (left) beside the current model. The new model provides improved comfort and range of vision for the driver; quieter operation; easier access to the engine for servicing. A smaller steering wheel, improved manoeuvring, and finger tip power-steering add to the operator's feel and control.



Mr. Tanami (right), a Director of Mitsubishi Heavy Industries, demonstrates the finger-tip control of the redesigned forklift trucks to Brambles Holdings Limited Managing Director, Mr. Warwick Holcroft (centre), and Brambles Director - Finance, Mr. Bryce Wauchope, at a preview of the 1978 Mitsubishi forklift range given by Chep Equipment at the Sydney Opera House.

NEW PRODUCTS

C.P. INTRODUCES 'SUPER SCAMP' TRAILER UNIT COMPRESSOR

Consolidated Pneumatics has announced the release of trailer mounted 64 c.f.m. air compressor said to be easily towed by a sedan or utility.

Called the Super Scamp, it has been developed from Maco components, well known in the earthmoving and construction industry. It uses the Maco-Meudon Indus 20 compressor and directly coupled to a Lombardini air cooled model LDA 672 diesel engine, and mounted on a rugged one piece trailer chassis.

Free air displacement of the single cylinder, single stage compressor is quoted as 64 c.f.m., at a pressure of 100 p.s.i.g. A low profile, sound attenuated canopy is fitted to the unit and provides a realistic maximum decibel reading of 70 dBA at 7 metres. The canopy has a lockable, downward opening door providing ready access for maintenance checks.

Gauges, starter and diesel filler neck are located behind a lockable panel which is spring loaded to

open to allow ready reference while the unit is running.

Dimensions of the Super Scamp are: canopy length - 1562mm(61½"); overall length - 3048mm (120"); canopy height - 1143(45"); ground clearance - 241mm(9½"); towing eye height - 406mm(16"); overall width - 1295mm(51"); weight - 675kg(1485lbs.). Options include wheels or skid mounting; brakes; bumper bars; towing eye or ball; lights, including hazard; 4 stud 13" or 5 stud Holden wheels; towing height to suit.

Consolidated Pneumatics state that the Super Scamp is available for immediate delivery.

For further details, contact: Vic: Consolidated Pneumatics, 75-83 Charles St., North Coburg, 350 3733; N.S.W.: 525 2188; Q'ld.: Wreckair 48 8411; Tas.: Wreckair 72 5545; W.A.: George Moss 46 8844; S.A.: Wreckair 276 6035.



The 'Super Scamp' Air Compressor.

NEW PRODUCTS

Atlas Introduces "Mitey Mite"

Small Size Tiller

New to the Atlas range of tillers is the "Mitey Mite". A compact lightweight little tiller, it is ideal for yard and gardens. Weight is about 65 lbs and with a flat folding tubular handle it fits easily into a car boot.

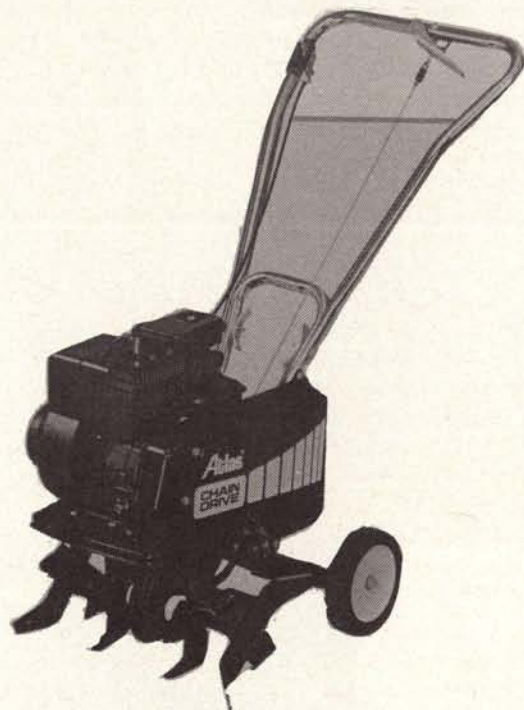
The Mite, referred to as model 12-2100, is powered by a 2 h.p. Briggs & Stratton 4-cycle engine with an easy spin recoil starter.

Eight double-end slasher tine blades comprise the business end of the machine. Tilling is adjustable between 7" and 18½" and a four-position adjustable drag-bar controls tilling depth.

Transmission is heavy duty chain with iron and bronze lifetime-lubricated sleeve linings. Ball bearing idlers on the pulley. Dirt seals are rubber with plastic shields. The machine has semi-pneumatic tyred 7" wheels with polyethelene rim.

An efficient performer, the "Mitey Mite" is an addition to the Atlas range with models up to 5 horsepower now available.

Details from Atlas agents.



BRUSHCUTTER

Following the successful introduction of the FS202 Brush Cutter, Stihl now announces the addition to its range of the lighter-weight model FS80. This new model has particular appeal to the hire industry.

The new FS80 is capable of handling with ease a whole range of light to medium undergrowth problems.

The most popular appeal of brushcutters is that you don't have to do any bending when cutting low areas or any reaching when trimming medium to high areas.

This is achieved by the contoured handle bars which are adjustable both vertically and horizontally. At the right thumb position a positive control throttle lever automatically returns to the idle position when the thumb is removed. The centrifugal clutch disengages and stops the blade while the engine runs at idle speed.

A special shoulder holster eases operator fatigue even over long periods of use.

It is driven by the powerful and reliable Stihl power head and without cutting head weighs only 12.8 kg.

NEW PRODUCTS

N.S.W. FORKLIFT SERVICES MERGE

Brambles Holdings Limited completed rationalisation of its Australia wide materials handling services this month, with the merger of Chep Equipment and Liftel Industrial Equipment in N.S.W.

General Manager of Chep Equipment, Mr. Ken Rathgen, said "The success of the rationalisation in other States has brought the N.S.W. move forward by several months."

Previously forklift hire was carried out by Chep Equipment division, while sales were handled by another Brambles subsidiary, Liftel Industrial Equipment.

"We have branches in Glebe, Auburn, Enfield, Newcastle and Port Kembla and will now provide N.S.W. customers with a complete hire and sales service through Chep Equipment" Mr. Rathgen said.

"New products will be launched in Australia through Chep Equipment in early 1978, giving us a very active and complete role in the Materials Handling Industry" Mr. Rathgen added.

He emphasised that the existing management and staff of both companies would be retained in the merged organisation.

Mr. Barry Stephens becomes N.S.W. Manager; Mr. Allan Rea, Assistant Manager.

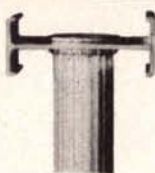
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Illustrating completely smooth finish of swaging of rung to stile.

Available to
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- SINGLE LADDERS 22 ft.
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Also available in timber.

COMPARE these ladders with others and you will immediately become aware of Bailey superiority. We are satisfied you will then select them, use them and be constantly aware of the correctness of your choice.

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Phone: (07) 345-1033

NEW PRODUCTS

DITCH WITCH TRENCHER HAS DIESEL OPTION

Mole Engineering Pty. Limited has announced that the Model R65 "Ditch Witch" underground construction machine is now available with an engine option: a Ford 4-cylinder watercooled diesel as an alternative to the Wisconsin petrol engine.

The diesel power plant has a 192 cu. in. displacement, develops 52 hp (39 kw) (intermittent) at 2400 rpm, and provides the R65 with the familiar diesel advantages of greater economy of operation with improved continuous power output.

The Ford diesel powered Ditch Witch is otherwise similar in all respects to the standard R65, a mid-range model in the Modularmatic series of vehicles which can do vibratory plowing, backhoe work, materials handling, boring and breaker work simply by switching interchangeable socket-mounted modules.

These various capabilities are additional to the basic functions of trenching and backfilling for which the Ditch Witch has become the standard machine for many contractors and public works authorities.

In a single pass the R65 cuts trenches from 15.2 cm to 6.1 cm (6" - 24") wide and up to 214 cm (7") deep. In addition to standard, double auger and offset trenching modules, the R65 can use the Earth Saw and Alligator chain modules for specialised trenching in rock or hard material. An optional conveyor spoils system is also available.

Further information:

Mole Engineering Pty. Limited,
Rodborough Road,
Frenchs Forest. N.S.W. 2086.

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Electric Eel®

with patented self-feeding
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Ruggedly built to handle those tough jobs in 3-in. to 10-in. diameter lines. Runs over 200 feet. Patented dual cable self-feeds itself both in and out of line — eliminates all handling of rotating cable — makes operation completely safe. Eight feet cable sections with instant, snap lock connectors permit work in small spaces — cut replacement costs.



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NEW PRODUCTS

Now the New Breed of Chain Saws

For the forester and for the farmer, there's now a whole new breed of chain saws.

McCulloch, one of the biggest chain saw companies in Australia, announce six exciting new improved models.

McCulloch understand the particular needs of the professional user. They make their new saws lightweight, extremely dependable; designed to give the highest possible power-to-weight ratio.

The new Pro Mac 510 weighs only 5.6kg (12.3 lbs), easy enough for even a first time user to handle all day long, yet with a powerful 38cc engine and a big 40cm (16") bar.

Next in the range comes the Pro Mac 10-10, the improved version of the popular 10-10 model, which has over 1,000,000 users around the world.

Then comes the Pro Mac 570, an entirely new addition to the McCulloch range. The Pro Mac 570 has a tough 57cc engine, yet weighs only 8.4kg (18.5 lbs). Compression release valve, boot loop, and full length raised felling sights are all standard.

For big jobs around the farm, McCulloch recommend the Pro Mac 700. It comes with a powerful 70cc engine and a super chisel chain for fast cutting.

For the forester, the McCulloch Pro Mac 850 is the saw that sets the standard for all the others. With a strong and rugged 82cc engine, it takes no nonsense from the toughest timber, and will handle bars up to 28" with ease.

Top of the range comes the Super Pro 125, a big timber saw with all the comfort and safety features that has made it so popular with professionals.

Features of these new saws include chain brake, chain catcher, automatic oiling with manual override, throttle latch and fast idle, and safety trigger.

Features on the larger saws depending on the model selected include boot loop, full-length raised felling sights, compression valve, C.D.I. ignition, and anti-vibration system.

McCulloch chain saws are designed for comfort, productivity and dependability. And that means profit.



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FLEXIBLE SHAFT DRIVEN SUBMERSIBLE 50 mm [2"] PUMP

PUMPS WATER CONTAINING
SLUDGE OR SOLIDS

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Designed and manufactured by:

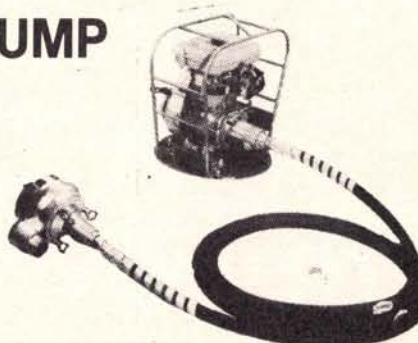
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50,000 litre/hr (11,000 gal/hr)

PRESS RELEASES

DITCH WITCH R100 ON THE JOB

Mole Engineering Pty. Limited, which recently announced the release of the Ditch Witch R100 continuous trenching machine, has sold one of the first of the new units to a Sydney contractor, G. Abignano (Development) Pty. Limited.

The R100, the largest and most powerful machine in the Ditch Witch trencher range, is now being used on sub-soil drainage work in the construction of the F5 South Western Freeway between Campbelltown and Bargo, a project of the N.S.W. Department of Main Roads.

The 4-wheel drive R100 was chosen for its



operating capability, excavating faster and at a lower cost than smaller, less powerful machines. The heavy duty digging chain fitted as standard equipment has been tested to 150,000 lb. (68,000kg) capacity. On the F5 Freeway, the machine is working in filled ground with a high clay content, and with numerous large rocks used as sub-base material.

On completion of the Freeway project, the R100 will be used for general trenching work, including power, gas and water reticulation. Its tilting frame makes it ideal for working on side-hills.

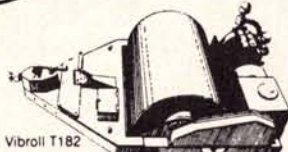
Many many times compaction efficiency of their own deadweight!



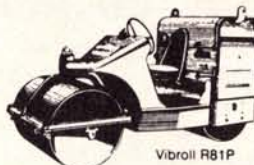
High density compaction capability coupled with light weight for ease of transport make Vibroll popular with Local Authorities and contractors around the world. Low initial cost. Rugged long — life construction. First rate spares service. Well over 1200 Vibrolls in operation in New Zealand.



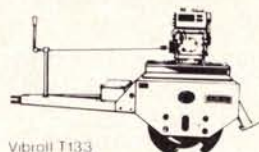
Vibroll W71P



Vibroll T182



Vibroll R81P



Vibroll T133

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RMV 77/2

Press Releases Continued



MELROE SKID-STEER LOADER IS VERSATILE

Contractors who necessarily measure cost in time, manpower and machines, are turning more to compact, 4-wheel drive loaders to perform tasks that would otherwise tie up pick-and-shovel manpower or require the use of larger, but less economical machines. Where versatility of operation is an additional advantage, the trend is even more pronounced.

Since its introduction by Clark Equipment Australia Limited, the Melroe M610 Bobcat Loader has established itself with proven performance levels in a wide range of materials handling applications. It is described as a compact, heavy-duty machine which combines positive 4-wheel drive with skid-turn manoeuvrability to provide highly versatile operation in construction, landscaping, agriculture and general excavation work.

Only 136 cm (53½") wide without bucket and 208.28 cm (82") high, the M610 has a tipping load capacity of 952 kg, a lift capacity to maximum height of 885 kg and can pivot-turn in its own tracks. With compact dimensions and this agility, the Bobcat Loader is able to enter confined spaces, through 5 ft openings and under 7 ft overheads, to backhoe, load, grade, foundation fill, level and clean up.

The machine may be equipped with various types and sizes of buckets for basic materials handling applications, or with a variety of special-purpose attachments which extend its serviceability to include even such operations as municipal cleaning, log handling, mining and demolition work. While the bucket and backhoe are mainstays of the Bobcat Loader's use by contractors, the many special-job attachments multiply its value and versatility.

Buckets, backhoe and most other attachments are fitted directly to the boom arms of the machine by means of the patented "Bob-Tach" frame. This is a quick-change system which allows the operator to change from bucket to special-job attachment, and back again, in about a minute without leaving the machine.

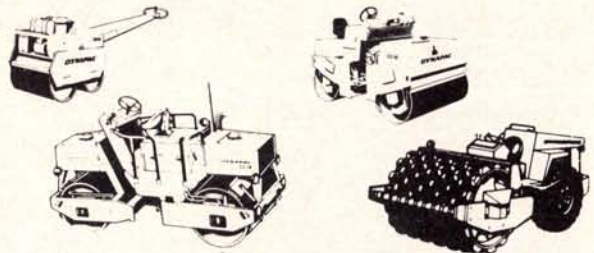
The Bobcat backhoe handles digging assignments to 2.5 m (8 ft. 4 in.) deep and has proved its capability in landscaping and for power digging for water and sewerage service lines and septic tanks, footings, foundations and general excavation. Ability of the machine to perform these digging functions under overheads as low as 214 cm (7 ft) is a distinct advantage in areas where movement is restricted.

Powered by a 30 hp, 4-cylinder, air-cooled Wisconsin petrol engine, the M610 is fitted with duplicated clutch and transmission assemblies providing instantly variable speeds up to 6.5 m.p.h. forward and reverse. Skid-steering is controlled by two independent hand levers, each of which serves a pair of driving wheels through oil-pressure lubricated disc clutches. Boom lift and tilt movements are hydraulically controlled by two pedal-operated double-acting cylinders.

Further information is available from Clark Equipment Australia Limited (Melroe Division) P.O. Box 50, Hornsby, N.S.W. 2077.

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VIBRATORY ROLLERS FOR ROCK, SOIL AND ASPHALT COMPACTION



Also concrete vibrators, trowels, screeds, form vibrators, plate compactors and materials handling equipment.

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TO THE EDITOR

Dear Sir,

We wish to advise your readers of the magazine "Hire and Rental Equipment News" that we have recently been appointed the sole and exclusive Australian agent for Micro-Check cameras and equipment, by the U.S. manufacturers and that stock is currently available.

Early in the New Year we anticipate establishing sales and service centres in the major capital cities.

During the interim period we invite current users of Micro-Check equipment to register with our company, so that we may keep them fully informed of the facilities as they become available.

We also extend this invitation to any readers contemplating Micro-Check or requiring information to write to:

SESA
G.P.O. Box 5300BB, Melbourne, Vic. 3001.
or
G.P.O. Box L918, Perth. W.A. 6001.

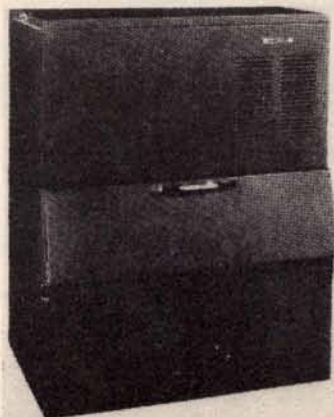
Yours faithfully,
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W.J. McMahon,
Managing Director.

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Kleer Kube

TEN MODELS AVAILABLE WITH PRODUCTION
CAPACITIES FROM 50 lbs. (23 kg) UP TO
1000 lbs. (454 kg) OF ICE PER DAY



MODEL RP-150

Kleer Kube Ice Making Machines are designed to make clear, sparkling ice cubes by the simplest and most hygienic principle. We would like to now introduce the Models that our research and development department have designed . . . Models RP150SC, RP180SC and RP280SC have revolutionary modifications, a modern new look cabinet, and increased ice production.

The refrigeration system and cutting grids are now in a top module, that stands on the new storage bin with greater cube storage. There is no need to move the machine to service, everything is now at waist level.

This is a time saver. The restart thermostat and transformer is now redundant, together with water solenoids, mercury switches etc. The ice making platens are now reversed, the water now circulates under the platens, not over the top. Plate thermostats are eliminated. The sheet ice now drops on to the cutting grids. All the controls are now located on a special front panel. The selector control for two cube thicknesses and a manual defrost, restart and timer and the bin thermostat. The only moving part in the icemaker section is the pump — the rest is done by gravity.

AUSTRALIA'S TOP SELLING AUTOMATIC ICE MAKERS

Designed and manufactured in Australia
for Australian conditions

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**KLEER KUBE COMBINATION UNIT WITH
LOCKABLE, SELF-CONTAINED
REFRIGERATED ICE STORAGE CABINET
AND ILLUMINATED SIGN**

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Capacities from 250 lb (113 kg)
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The SEQ Series is available in models ranging from 85 cfm to 275 cfm.

— and don't forget Compair can also supply a range of stationary air compressors (also silenced), rock drills, air tools and accessories.

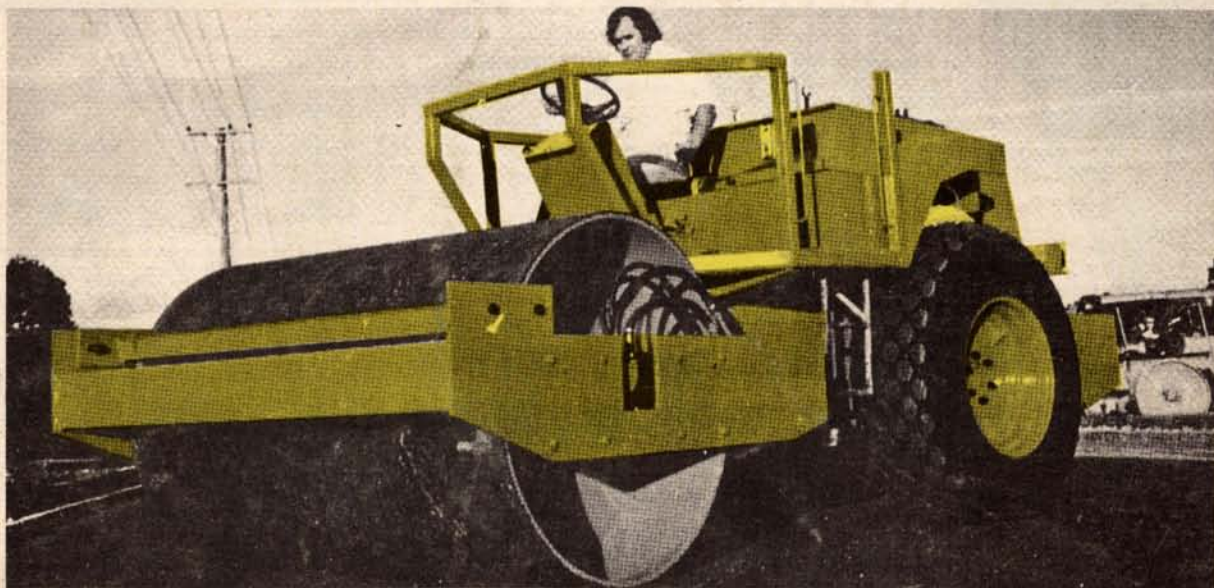
It pays to standardise on Compair.

 **CompAir**

For further particulars contact:

Compair Australasia Ltd., 34-40 Ricketts Road, Mt. Waverley, Vic. 544 1755.
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