



INDUSTRIAL NEWS SERVICE

192 CORPORATION STREET, BIRMINGHAM, 4.

TELEPHONE: CENTRAL 5154 (Day)
Hagley 2227 (Night)

Your Ref:

Our Ref:

Mr. Cummins,
Associated British Pathe,
142, Wardour Street,
LONDON, W.1.

Dear Mr. Cummins,

I am wondering whether you are looking for a news story with an "off beat" flavour. As you are well aware much interest is being shown these days by people who wish to reduce the smoke menace in large cities and industrial areas.

My friends, the Boston Marine & General Engineering Co. Ltd., of Wolverhampton, have taken over an American designed incinerator and improved it so much that the Americans are buying the British appliance in large numbers.

This apparatus burns old tyres, paint, hospital dressings and in fact any industrial combustible waste smokelessly and odourlessly.

This machine is being launched on the home and overseas market this month and I feel sure that you might welcome the opportunity of seeing it in action for yourself. I have much pleasure, therefore, in enclosing an invitation to the first British demonstration.

For those who require some eye-appeal one of London's Leading Models will demonstrate the machine's space heating potentialities.

So that you may be completely in the picture I am releasing to you a confidential copy of the official Press handout, not available to the general Press until the morning of the demonstration. I know you must make your arrangements ahead of the general Press and this is sent to you for your convenience. If you require any special facilities at Quaglino's perhaps you would be kind enough to let me know what you would require.

Yours sincerely

DERRICK T. MOODY,
Managing Editor,
Industrial News Service

mail 15
This seems a fair possibility. Should have an incinerator system in back garden to show contrast.
2nd. March, 1960.
etc etc

OUR PURPOSE
IS TO EXTEND
A SERVICE
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THROUGH THE
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JOURNALS
AND
NEWSPAPERS

NEWSLETTERS

SAFETY
PUBLICATIONS

PROGRAMMES

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* * *

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PHOTOGRAPHY

EDITING

LAYOUT

AND

PRINTING

X-001901

THE HOSKINSON INDUSTRIAL INCINERATOR

The unique "smog killer" you will see in operation for the first time is a British production of an American prototype which British brains have improved to such an extent as to attract considerable interest in America.

Wherever people work and live there is bound to be rubbish, which must be disposed of if life and good health is to be maintained. The problem, in towns, is a growing one and a constant headache.

The Unit is the answer to the increasing problem facing industry and municipal authorities, especially those who operate in areas which are designated as smoke free zones under the Clean Air Act of 1956.

This achievement of which Britain and the Midlands in particular must be proud, is due in the main to the foresight of Mr. L. & A. Barnett, both directors of the Boston Marine and General Engineering Company Limited.

They discovered a unit in New York in March 1958 which was invented by Mr. Gordon Hoskinson. This had many claims made for it, which at the outset, both Mr. L. & A. D. Barnett frankly admit doubting.

They had heard of machines which consumed their own smoke before - but a demonstration soon convinced them that here was something quite different.

The Hoskinson Incinerator will destroy without smoke or smell, rubber, plastics, leather-cuttings, paint in tins etc. and at the same time provide valuable heat which can be used for auxiliary space heating if some other form of heating is already installed.

The Hoskinson Incinerator includes an automatic oil burner which can take the place of a major heating unit. The capital cost to achieve the same heat is less than 50 per cent that of conventional heating.

The unit can be sited either outside or inside a building with equal effectiveness. It can be installed in a day by two or three men, expensive delays and installation costs are avoided.

Unburnt rubbish creates an industrial fire hazard and the facility of immediate disposal of inflammable waste afforded by the Hoskinson eliminates this risk.

The incinerator has an interesting history. It was patented in America and licensed to the Boston Marine and General Engineering Co. Ltd. for the U.K., Europe and other overseas territories.

However, the British design team was able to incorporate so many additional features and improvements in efficiency that the American originators are ordering British made units at the rate of 600/1,000 per year.

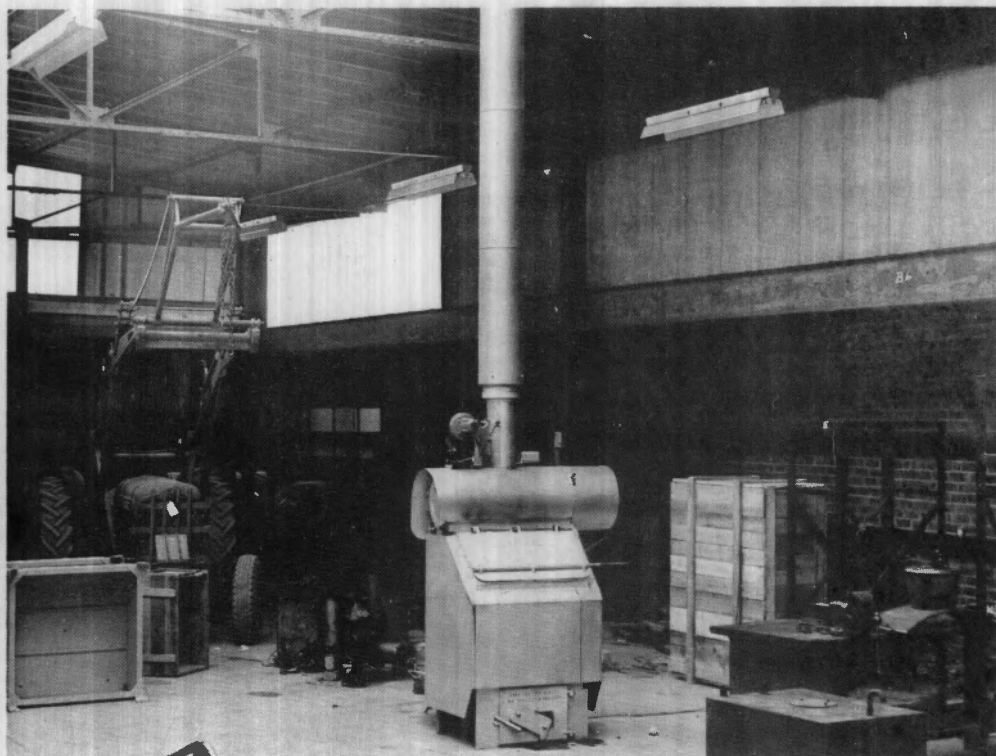
Manufactured in Wolverhampton by:
Boston Marine & General Engineering Co. Ltd.

Price ——— £585

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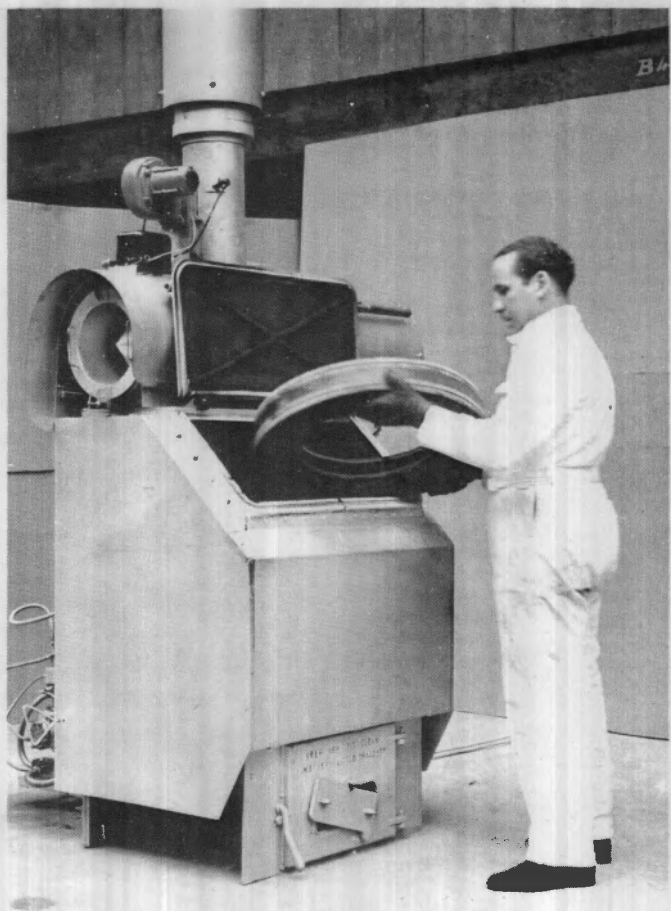
Presenting

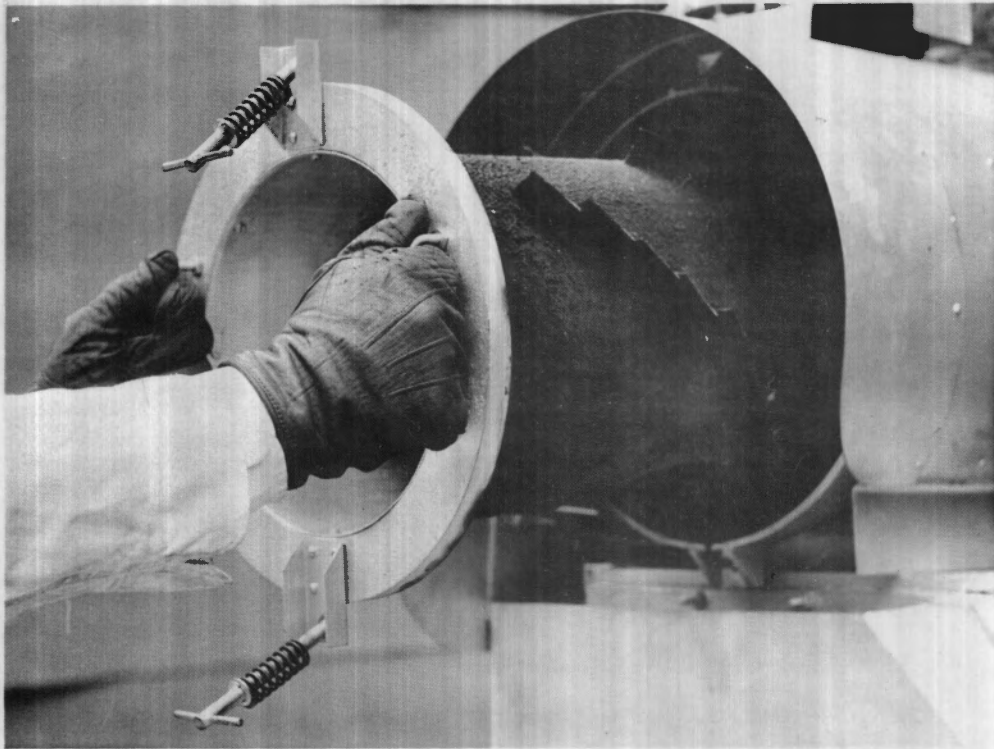
**THE HOSKINSON
Space Heating
Multi-fuel
Incinerator**



Above:
The Hoskinson Incinerator installed in a factory. Supplies of hot air for space heating are readily available.

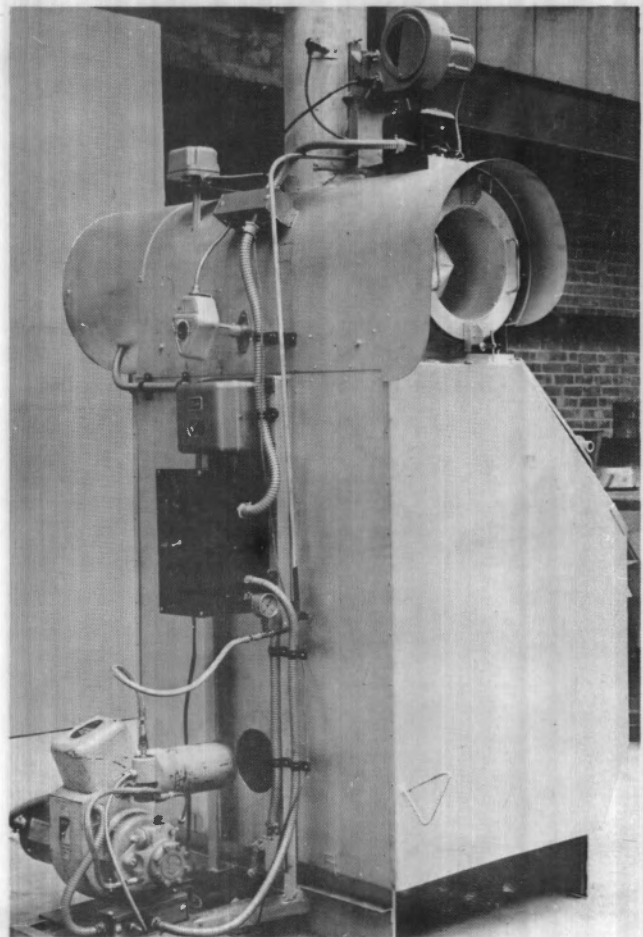
Right:
The ample dimensions of the Hoskinson make the disposal of large rubbish simple.





Above:
The cleaning of the heat exchanger
is made easy by the simple design.

Right:
The automatic Oil Burner, wiring
and Smoke Eliminator.



HEAT EXCHANGER

Space heating is achieved by a high powered fan blowing air through the Heat Exchanger. The gases from the furnace pass through the inner space imparting their heat to the air before passing into the chimney and smoke eliminating chamber.

Cleaning is simple and takes not more than 3/4 minutes.

FURNACE

Normal cast iron would not withstand the operating temperatures and the specification includes a nickel-chrome content in all cast iron parts. The additive lifts the burning temperature of the cast iron and ensures a long life for the Incinerator Furnace.

The rate of firing is up to 300-lbs. per hour and large rubbish is easily admitted through the furnace door, which measures 29" x 15".

AUTOMATIC OIL BURNER

In order to maintain heat when the available rubbish has been consumed the Heater is fitted with an automatic Oil Burner. The Burner is mounted on slide rails at the rear of the furnace and when pushed into the operating position automatically changes the electrical circuit to automatic oil-fired space heating. Room thermostats may be fitted where desired.

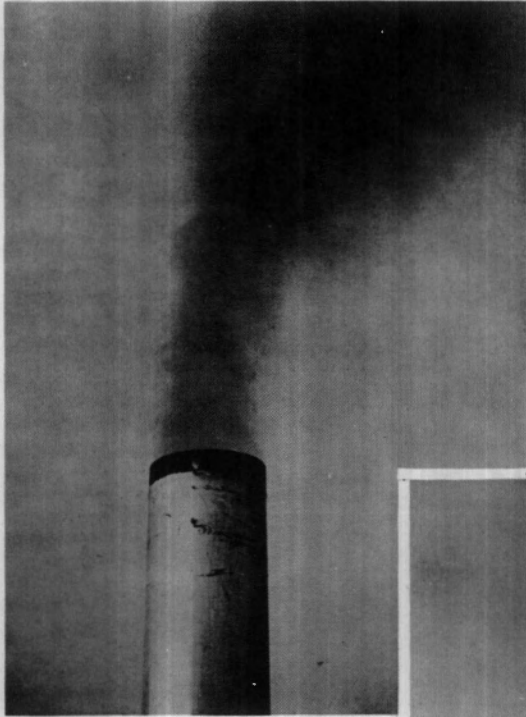
When rubbish is available the Oil Burner is withdrawn on its rails and the Heater changes over to automatic smoke elimination, bringing the chimney burner into operation.

Both Oil Burners have flame failure protection and automatic ignition, operated from a common control panel. The oil supply valve operates instantaneously as the Burner is withdrawn, transferring the oil supply from the furnace to the Chimney Burner. The changeover from rubbish to oil takes only a few minutes, whilst the furnace residue is cleaned out and the Oil Burner slid into position. This aspect of the Unit is extremely important where rubbish supplies are intermittent or when space heating is required to be automatic before the work-people are at the premises.

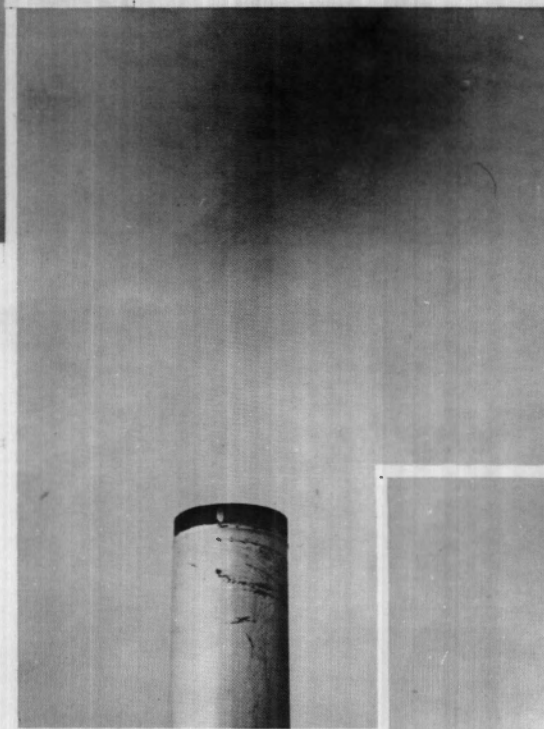
INSTALLATION

The installation is contracted to the Customer's usual Heating Engineer, who is fully acquainted with the particular requirements.

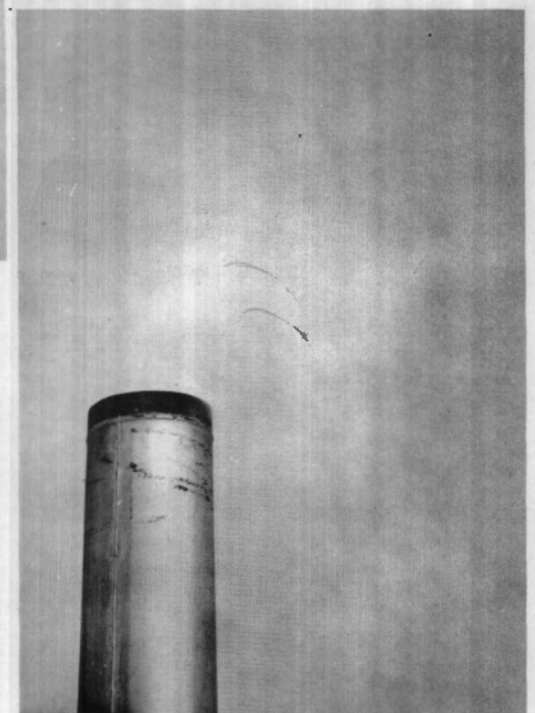
2-001901



Smoke Eliminator OFF



**Smoke Eliminator
ON
(after .5 seconds)**



**Smoke Eliminator ON
(after 1 second)**

BEATING THE SMOKE MENACE

by

A. D. BARNETT B.Eng. A.M.I.Mar.E. Assoc.Inst.F.

THE Boston Marine & General Engineering Co., Ltd., a Subsidiary of Midland Industries Ltd., Wolverhampton, has now placed on the Home and European Markets the HOSKINSON MULTI-FUEL SPACE HEATING INCINERATOR which is a DUAL PURPOSE UNIT.

It is an efficient Incinerator complying with the requirements of the "Clean Air Act" and capable of supplying heat to all types of industrial and commercial premises.

The British Unit was demonstrated to the Trade and Press on March 15th., 1960, at Quaglino's, London, and clearly showed its remarkable performance.

The HOSKINSON is an American invention, for which the Boston Company have the manufacturing rights for Europe and other territories. The British Design Team were able to incorporate so many outstanding additional features and improvements in efficiency that the Hoskinson is to be exported to the U. S. A. at the rate of 600/1000 per annum.

SMOKE ELIMINATION

Smoke is a gaseous fuel. In order to burn it it requires air for combustion and a temperature for ignition.

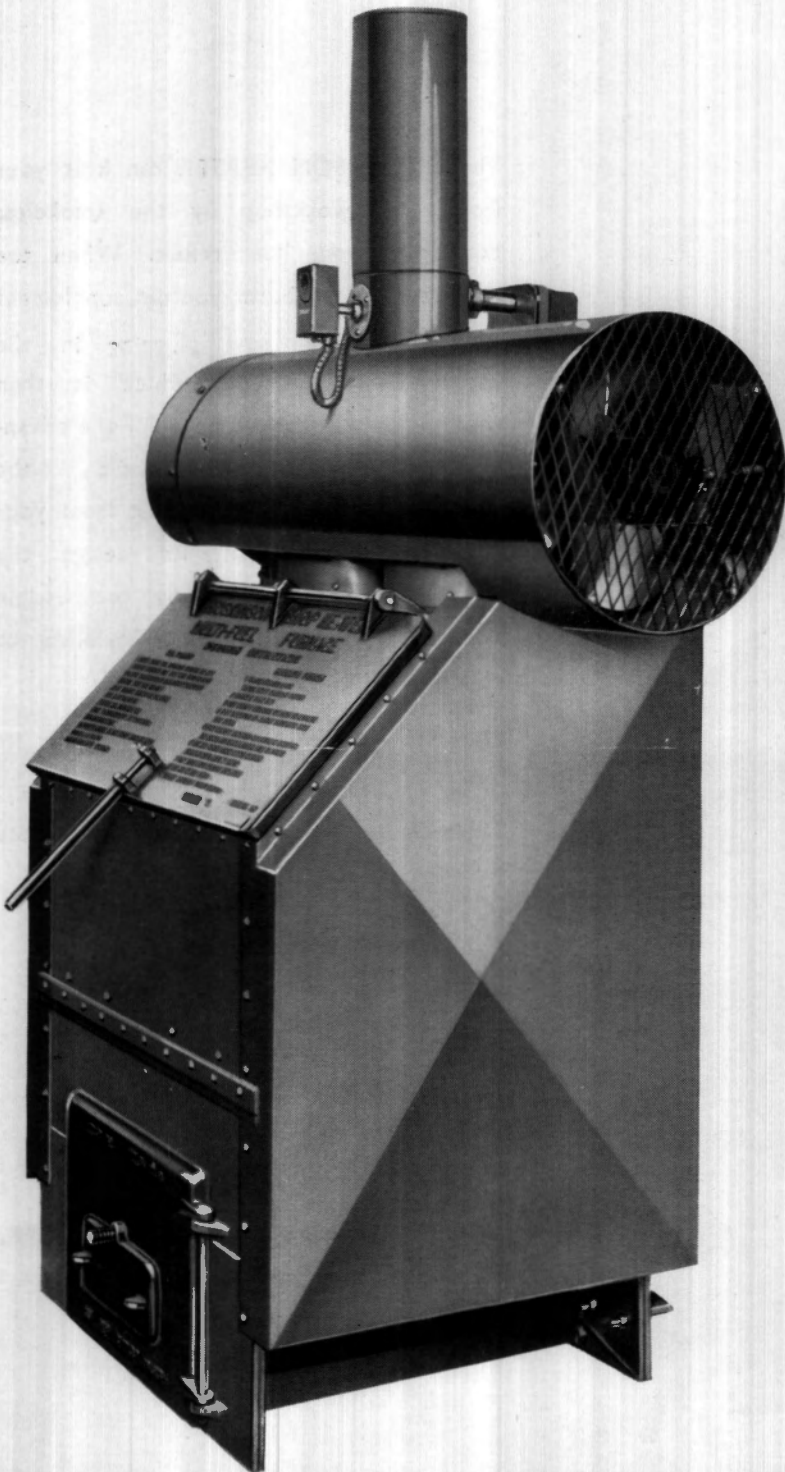
The fundamental principle of the Smoke Eliminating Equipment is to supply both of these deficiencies to the smoke passing from the furnace.

At the base of the chimney is mounted a small Oil Burner, consuming approximately a half-gallon per hour, and a Forced Draught Fan. The air from the Fan passes through a special diffuser and supports the combustion of the ignition oil flame and air to mix with the smoke, which burns continuously within the inner stack.

The chimney is designed as a carburettor and consists essentially of two concentric cylinders. Air passes into the annular space and by thermo-cycle passes upwards, where it enters the chimney. This highly preheated air then mixes with the remainder of the smoke and complete combustion of the gases is assured.

This Oil Burning arrangement will consume all smoke from any type of rubbish.

THE HOSKINSON SPACE HEATING MULTI-FUEL INCINERATOR



**AIR HEATS YOUR BUILDING
BY . . .**

- ✱ **BURNING RUBBISH, WOOD &
FACTORY REFUSE, Etc.**

- ✱ **BURNS UP TO 300 LBS. OF
RUBBISH PER HOUR.**

- ✱ **AUTOMATIC OIL BURNING**

- ✱ **ANY SOLID FUEL**

- ✱ **GUARANTEED SMOKELESS
COMBUSTION**

BOSTON MARINE & GENERAL ENGINEERING Co. LTD.

(SUBSIDIARY OF MIDLAND INDUSTRIES LTD.)

HEATH TOWN WORKS, WOLVERHAMPTON, STAFFS., ENGLAND

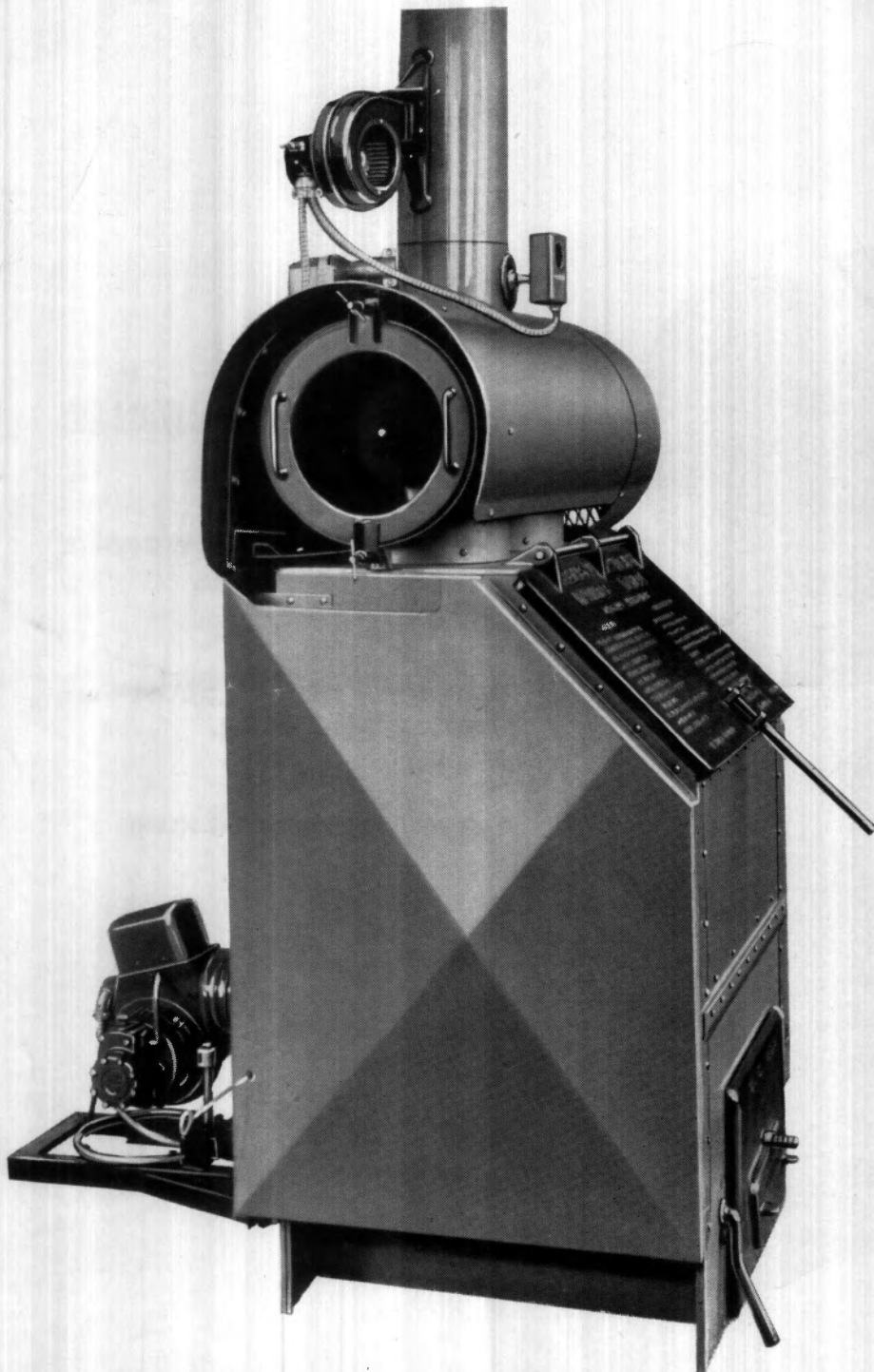
Telephone: Wolverhampton 23901 (4 lines)

Sole Licences for Europe and United Kingdom
World Patents Pending

Form 189

IF YOUR FACTORY REQUIRES HEAT . . .

. . . YOU SHOULD USE FREE HEAT



The HOSKINSON HEATER can heat your factory or workshop by the smokeless burning of your own refuse. When the rubbish has been burnt you can supplement your heating by just plugging in the automatic oil burner, which is then thermostatically controlled. All the advantages of oil burning are available plus the recovery of valuable waste heat from your rubbish. Because of its design the HOSKINSON can burn any combustible material and gives complete flexibility to consume oil or refuse.

The HOSKINSON most certainly pays its own way.

Typical fuels which can be used in the furnace are,

- ★ PAPER WRAPPINGS
- ★ WOOD
- ★ WASTE RAGS
- ★ RUBBER AND PLASTICS
- ★ GENERAL FACTORY REFUSE.

WHY BUY A SPACE HEATER WHICH CANNOT BURN RUBBISH . . .

WHEN RUBBISH IS HEAT

Guaranteed to comply with the requirements of the Clean Air Act