

Spring 1973

Wright ahead

the Head Wrightson magazine



APPOINT- MENTS



Mr P F Pugh has been appointed a Director of Head Wrightson Stampings Limited.



Mr K K Datta Gupta has been appointed Director and General Manager of Head Wrightson India Limited.

COMPANY NEWS



Head Wrightson has geographically extended its stainless steel stockholding activities into South East England by acquiring the business interests of the small group of companies comprising Renown Stainless Steels Limited ; Renown Stainless Steels (Profile Cutters) Limited and Renown Stainless Fasteners Limited, located at Palmers Green, London N.13. The acquisition provides a London based extension for the HW subsidiary Alfred Simpson Limited, and will operate as a division of Alfred Simpson Limited under the trade name of Renown Simpson Steels Limited.

The business will be managed by Mr Ray Stephenson *photo left*. 'Wright ahead' extends a sincere welcome to Renown employees as new members of the HW Group of Companies.

COVER PHOTOGRAPH

High Force near Middleton-in-Teesdale photographed by John Stalker HW Machine Co.

*'Where Tees in tumult leaves his source,
Thundering o'er Cauldron and High Force,
Beneath the shade the Northmen came,
Fixed on each vale a Runic name.'*
Sir Walter Scott

See article 'The Tees River cuts and canals' Pages 7-10.

UPSTAIRS AND DOWNSTAIRS

The roof of a chocolate factory and the basement of a brewery are probably not the first places you would think of to look for HW plant.

HWPEL, however, have recently won contracts for work in locations of this nature.

The Caxton Chocolate Company in London's Wood Green has joined the distinguished group of buildings that boast a roof-top cooling tower supplied by Head Wrightson. . . .

And the multi-million pound brewery development project by Watney Mann at Mortlake has brought HW a contract for an effluent treatment plant to be constructed underneath a car park.

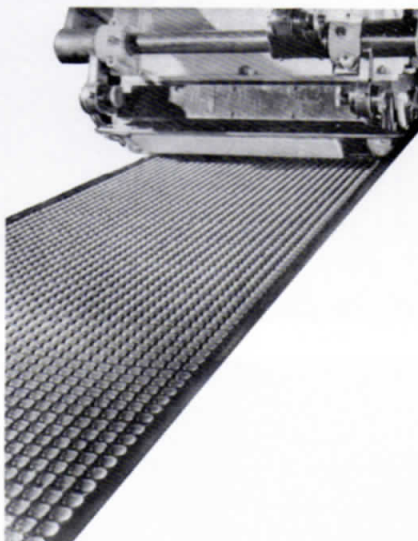
Upstairs

If you are accustomed to thinking of cooling towers as purely ground-level installations then you are in for a bit of a surprise. The high price of land in London makes a ground-level cooling tower an expensive luxury. Indeed, HW cooling towers have been erected in recent years on the roofs of such notable buildings as New Scotland Yard, 'The Economist' magazine offices, Westminster Hospital, and a great many others.



The latest addition to this rather distinguished group is the factory of the Caxton Chocolate Company

at Wood Green in North London. This company, established in 1937, was until recently a family firm and is now a member of the Associated Biscuits Group. Principally it manufactures chocolate for coating the products of the cake, biscuit, sugar confectionery and ice cream industries, but the company is also important in the private label field, supplying chocolate bars and novelties (like the chocolate drops seen below) which are sold under supermarket and chain store brand names.



The Type 30 cooling tower supplied by the Special Products Division of HWPEL plays a vital part in the factory's production as it supplies cooled water to the chocolate tempering machines and chocolate cooling tunnels apart from a host of other operations throughout the factory.

SPD has specialised in the design and supply of towers for cooling water since 1949 and now handles the complete size range. Cooling towers have been supplied throughout the UK and in many parts of the world, particularly the Far East.

Downstairs

The famous Watney Mann Brewery at Mortlake – an important riverside landmark at the finish of The University Boat Race – is at present the subject of a multi-million pound development programme. As part of this programme, HWPEL have won the contract to design, erect, test and commission the effluent treatment plant.

All the process tanks will be located underground and suitably reinforced overhead to provide car parking



facilities. These tanks will be ventilated and together with air from the biological treatment tower will be deodorised before being released into the atmosphere.

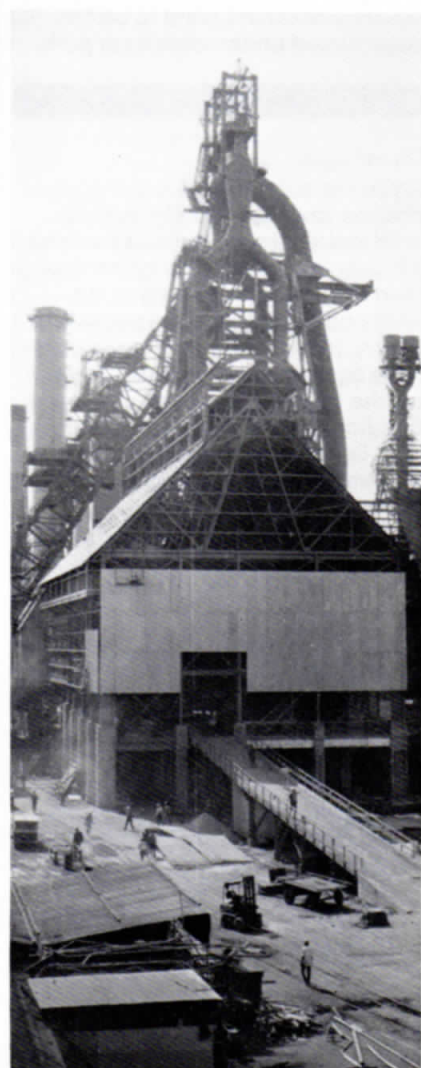
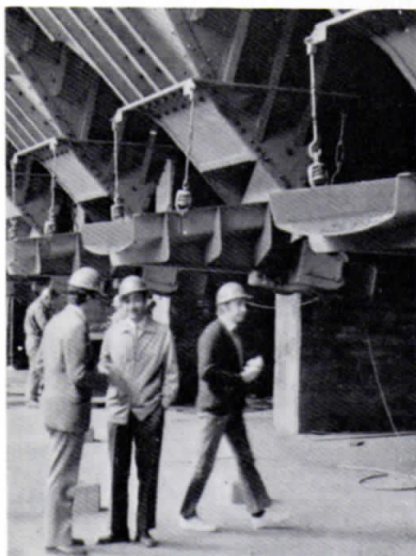
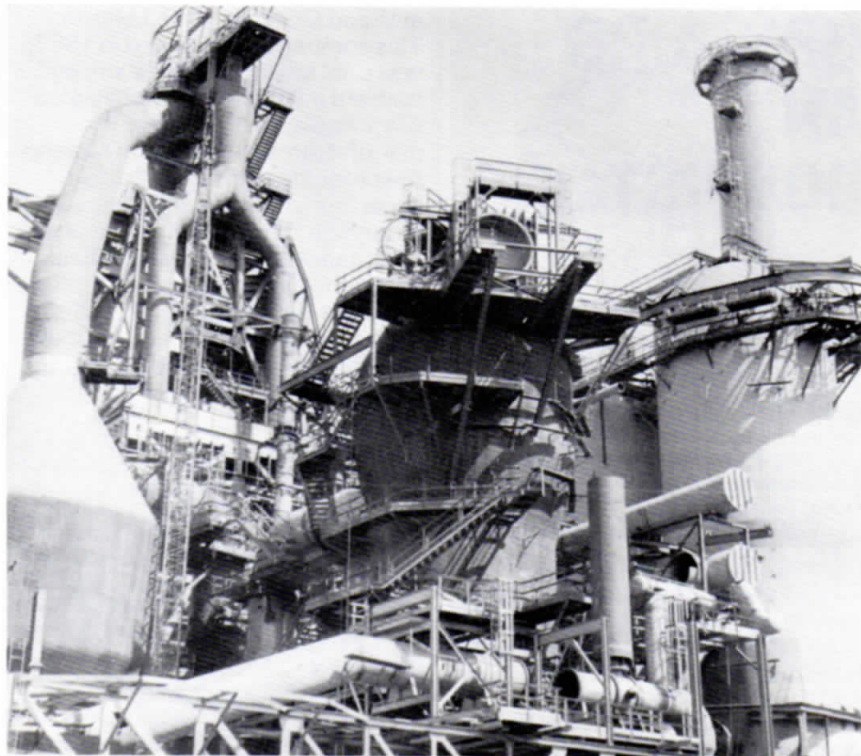


The Mortlake development is part of Watney Mann's long-term strategy to reduce its brewing centres by 1980 from the present nine to five – at Mortlake (London), Manchester, Halifax, Norwich and Edinburgh.

The development is scheduled for completion in November 1974 and the Mortlake Brewery will then be able to produce 2½ million barrels of beer per year for consumption in London, the Home Counties and part of the Midlands.

PROGRESS IN ARGENTINA

Erection work on the giant SOMISA Blast Furnace is almost complete and testing is expected to start next month (May). The £12m furnace supplied to Sociedad Mixta Siderurgia Argentina (SOMISA) is the largest ever manufactured by a British company for export. With a rated capacity of over 3,600 tonnes of molten iron per day, the 9.75 m diameter hearth can be expanded to 10.36 m to achieve a capacity of 4,500 tonnes. The plant was designed by HWPEL and much of the fabrication was carried out by HW Teesdale. The manufacture of spares is continuing at Teesdale and is expected to last for another six months. Site erection is being supervised by a team of HW personnel at the General Savio Steel Plant, San Nicolas, Argentina.



This is the first four post blast furnace to be designed and supplied by a British company. The four post design for blast furnaces is one of the latest and most far-reaching innovations in iron-making. Developed by our American associates, Arthur G McKee & Company, the new design of furnace overcomes some of the major problems associated with conventional furnaces. The whole weight of the structure, and the 'burden' of iron and other ores is carried by four splayed columns or legs. This allows much greater freedom in designing the component parts of the furnace. There are

better allowances for expansion, and the design gives unrestricted access for mobile equipment around the furnace hearth. As a result, the plant can handle high daily outputs of iron and can overcome many technical problems. Up to now, the four post furnace has been built only in the United States and Japan, but is certain to be a strong contender for future iron-making contracts around the world.

above left and centre: Mr John Eccles managing director and his wife during their visit to the site last November *top and right:* General views of the SOMISA blast furnace

HW ARE ENGINEERING- IN HAMBURG

In June 1971 HWPEL was awarded a contract by Reynolds Aluminium Hamburg to engineer their carbon plant complex and material handling plant. The aluminium

smelter is being built about 16 kilometres from the city centre on opposite banks of the river Elbe in the district of Finkenwerder. The project is a joint venture between the City of Hamburg and Reynolds and includes a fabrication plant which makes the overall effort more extensive than the Invergordon Smelter. It was at Invergordon where we worked closely with Reynolds engineers and they were keen to carry on our good

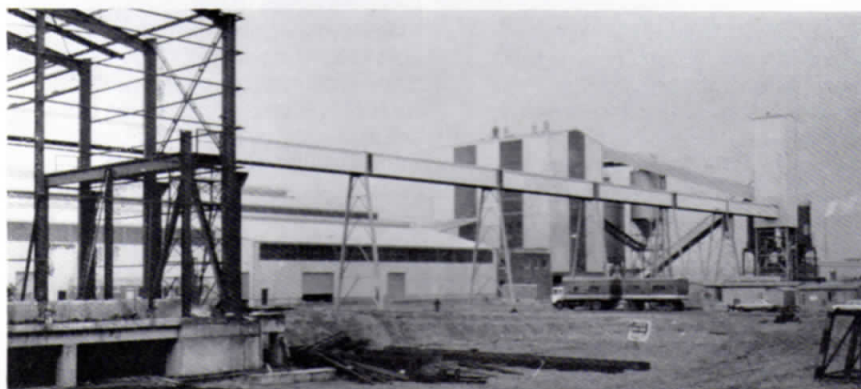
relationship in Hamburg. The plant is designed to process 200,000 tons of alumina per year and first production should commence later this year. During the early days of the contract the challenge was not only with engineering but the ability to work with German engineers to their standards. This has been a successful combination of efforts and a clearer understanding of working in Europe has been obtained by HWPEL.

Roger Martin is in charge of our staff in Hamburg and is supported by John Kier, Steve Cole, Bill Barnard, Peter Green, Eric Pattison, Terry Crawford, Bill Dobson, Bob Hickey and David Adams.

Most of the staff soon settled down to living in Hamburg, which in many respects is very similar to city life in the UK. The city itself has many interesting aspects and the man-made lake 'The Alster' stretches across the city and provides a unique central feature. Hamburg is the largest city in West Germany and is dominated by the shipping industry. The weather conditions are very similar to those experienced on Teesside, although the continental weather influence makes summer days humidly hot and winters acutely cold. Hamburg is located on the same latitude as Grimsby although some 600 miles further east.

Initially our staff made brave attempts to exchange the daily salutations with the local people, but have now graduated to conversational German, albeit rather one-sided on occasions. The use of long compound words sometimes makes pronunciation difficult which can end in the unsuspecting housewife being offered a bunch of flowers instead of a cauliflower. Although with thorough Teesside determination a mistake has never been made whilst ordering beer!

In many respects working in Germany has made us fully aware of European engineering requirements, which augurs well for our future work within the EEC.



top: General view of the Carbon Plant and Material Handling at the Hamburg Aluminium Smelter, where during the forthcoming months HW staff will be busily engaged in commissioning various sections of the plant

centre: The hotel and shopping district of Hamburg by the 'Alster' lake

bottom: The River Elbe at Hamburg

FOOLS GOLD



'Fools gold' has been cursed by many a disappointed prospector over the centuries but it is far from being as useless as its name suggests.

Iron pyrites, to give it its proper name, is a gold-coloured mineral noted for its beautiful cube and octahedron formations.

Thanks to the 'waste not want not' philosophy applied so rigorously by the modern chemical industry to its waste products the value of 'fools gold' has been boosted in recent years.

It has long been a popular raw material in the production of sulphuric acid because its principal constituent is sulphur. But until recently the iron-rich waste product could not be reclaimed in a satisfactory manner. Montecatini-Edison SpA, Italy's largest chemical manufacturer, commissioned HWPEL in 1964 to design and supply a pelletising plant to reclaim this waste product. The plant at Follonica in Tuscany has been such a success that HWPEL have now received an order to uprate it by 20%. The contract involves the engineering, management services and erection of the project and the total cost of the operation is approximately £1m. The plant converts the waste product from a fine powder into firm pellets which provide an excellent blast furnace feed. Perhaps the saying 'all that glitters is not gold' should not be taken too literally after all.



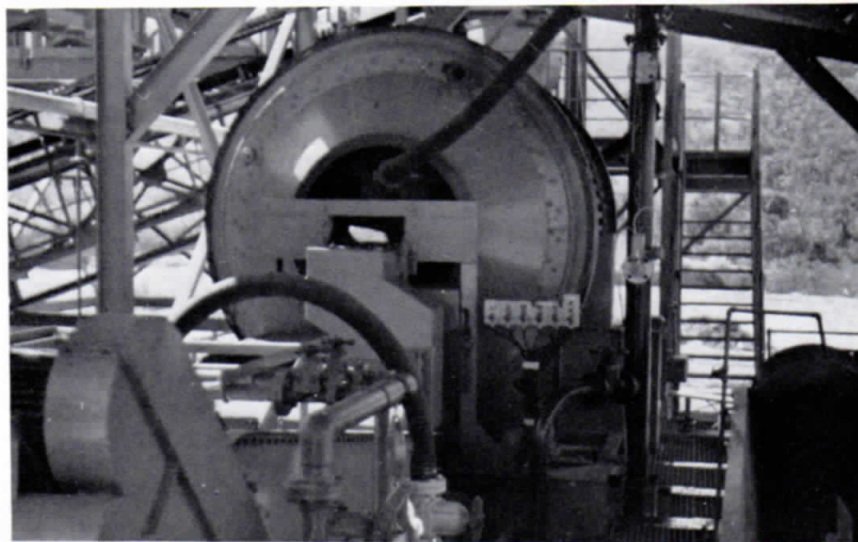
THAILAND PLANT COMMISSIONED

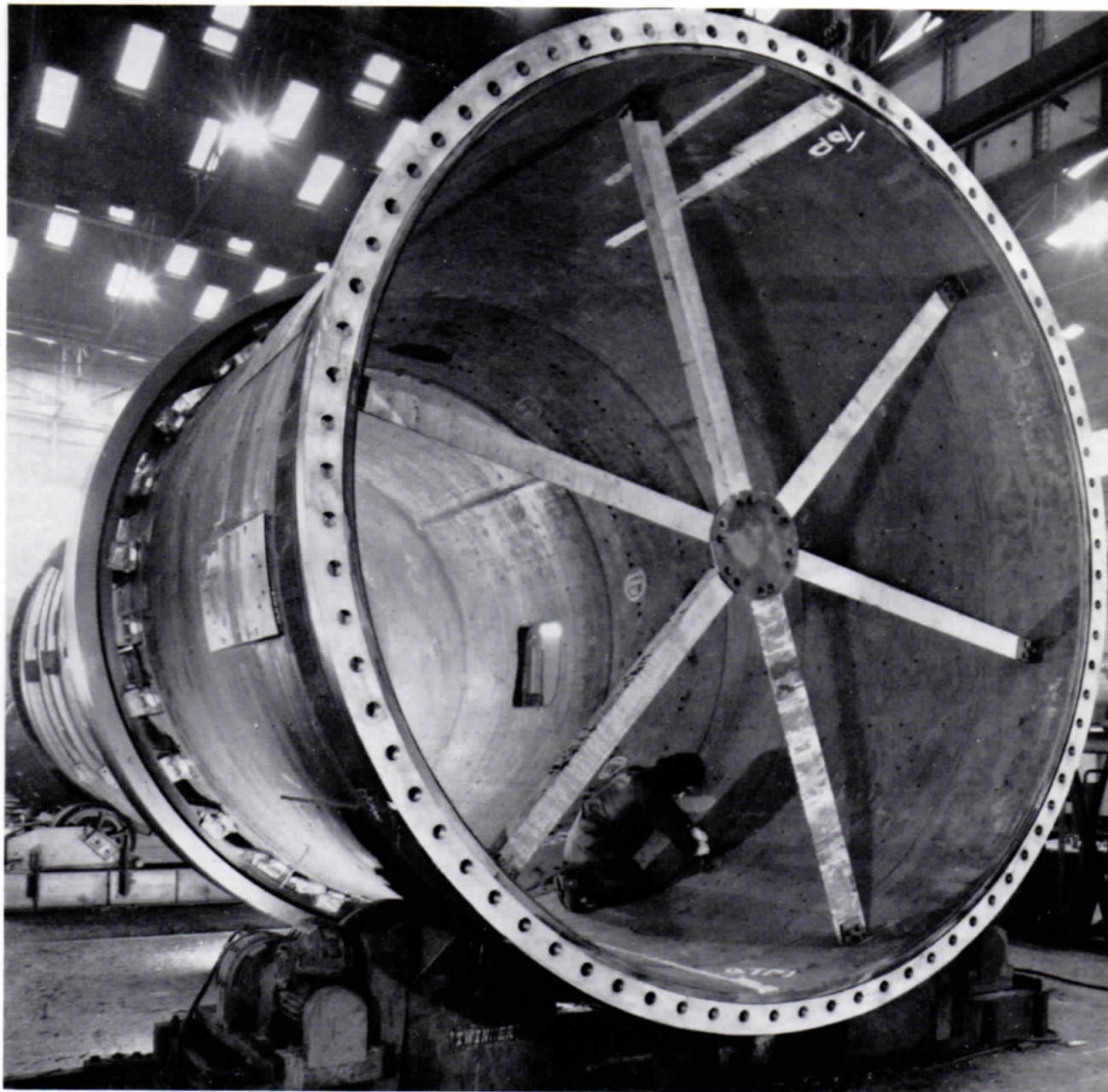
The fluorspar concentration plant built by Head Wrightson in North Thailand was officially opened last month (March). The mine is in the Ban Hong district, Lampoon Province, 540 km north of Bangkok. The Thai's attach considerable importance to the new plant and many VIP's attended the opening ceremony. It is the country's first heavy media dressing plant for the production of metallurgical grade fluorspar and represents an important step forward in the mechanisation of a traditionally labour-intensive industry. The contract, worth over £200,000, for the design, supply, supervision

of erection, and commissioning of the plant was placed with HWPEL by Universal Mining Company Limited in the summer of 1971. Fluorspar is in world demand and Thailand has vast natural reserves of this mineral which it exports for use as a flux in the basic oxygen steelmaking process (BOS) and as the base material from which artificial cryolite — an essential ingredient in aluminium smelting is made. In addition, the mineral has many uses in the chemical industry for such products as aerosols, plastics and refrigerants. The plant and equipment supplied by HW will crush and screen the ore and remove the impurities mined with it, resulting in an improved quality product.

top: General view of the fluorspar plant showing the site progress

bottom: Part of the dense medium separation plant showing the drum separator



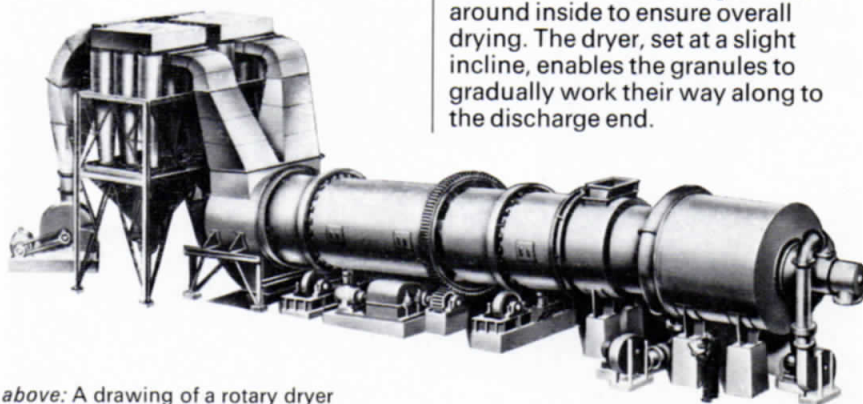


DRYERS FOR POLAND

The photo above shows a one third section of a large rotary dryer recently fabricated by HW Teesdale at Thornaby. This is one of a pair of dryers (measuring 30.5 m in length by 3.8 m in diameter) supplied as a repeat order to the Police fertilizer plant near the Polish port of Szczecin. They will be used to dry NPK fertilizers and are the third pair of rotary dryers supplied by Head Wrightson to Polimex, the Polish import/export organisation, through Dorr Oliver Co Ltd, their

consulting engineers. The dryers previously ordered by Polimex were supplied in 1966 and 1967. The principle on which these

machines work is relatively simple: hot air is passed down the vessel which is slowly rotated by motor-driven rollers beneath it. The rotary action tosses the granules around inside to ensure overall drying. The dryer, set at a slight incline, enables the granules to gradually work their way along to the discharge end.



above: A drawing of a rotary dryer

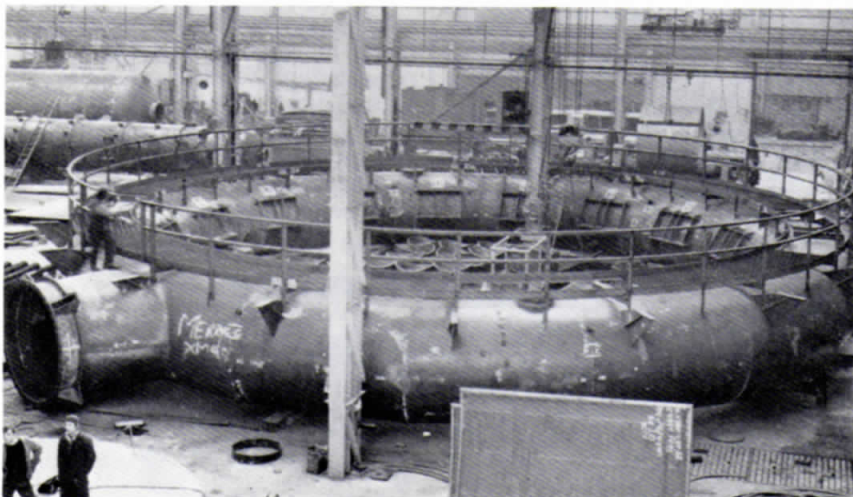
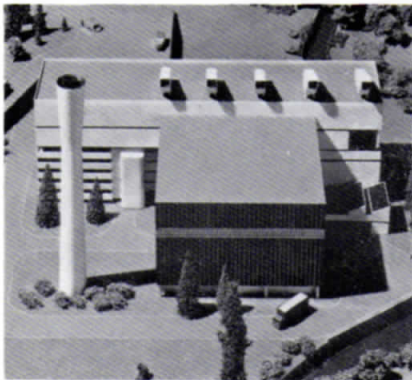
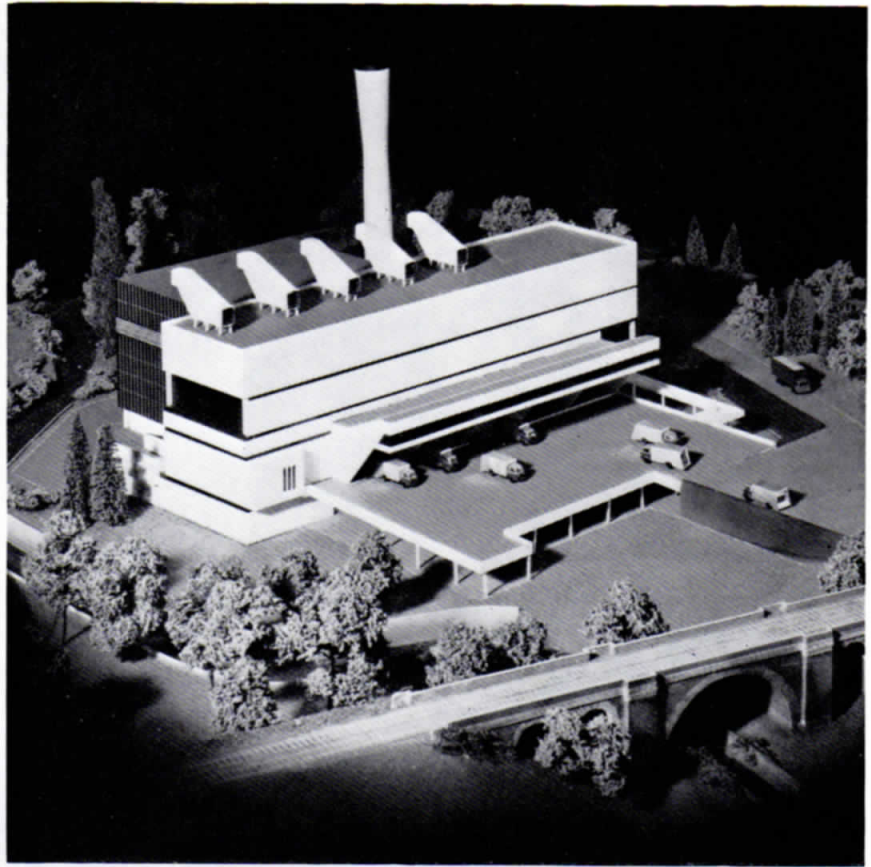
DOMESTIC REFUSE PLANTS

Erection of the City of Coventry municipal incinerator has begun on site.

This incineration plant is the largest yet designed by HWPEL employing the principle of the Josef Martin reciprocating grate and is the fourth to be built in the UK by HW. The Coventry plant will have three grates with a total burning capacity of 36 tonnes per hour and is due to be commissioned in the Spring of next year.

Meanwhile commissioning is in progress on the 24 tonnes per hour incineration plant supplied to the City of Nottingham. This plant is the first of its kind in Britain intended to use the heat generated by the burning of domestic refuse to supply a district heating scheme, serving public buildings, shops, a school and 6,000 homes.

photos: A model of the Coventry plant



BSC BUSTLE PIPE

The photograph shows a Bustle pipe, or the hot air main of a blast furnace, during final stages of shop assembly and trial erection at Grosvenor Steel Fabrications Limited. The pipe, 2 metres in dia with a mean dia when erected of 16 metres, was manufactured and delivered, complete with platforms and handrailing, to the BSC Shotton within 18 weeks of receiving the order.

ADDITIONAL WORKS LOCATION FOR TEESDALE

A new six acre launching and fabrication area at Middlesbrough has been purchased by Head Wrightson as an extension of HW Teesdale facilities.

Located between the HW Machine Co Ltd, and the River Tees, the new Dock Gate and Marine Structures Division of HW Teesdale will supplement the launching facilities of the up-river Thornaby works. The location is much better placed for sending by river the very large

vessels which Teesdale handles. The site is closer to the mouth of the river and the docks and is more accessible for the large tugs and cranes needed to move large and heavy fabrications. At present the Division consists of little more than a recently installed piled-out concrete platform for the lifting of fabrications up to 400 tonnes for loading onto barges or ships. The first fabrication to leave the new works is now complete and ready for shipment. It is one of three basic oxygen steelmaking (BOS) converters being manufactured by HW Teesdale at Thornaby for BSC Llanwern.

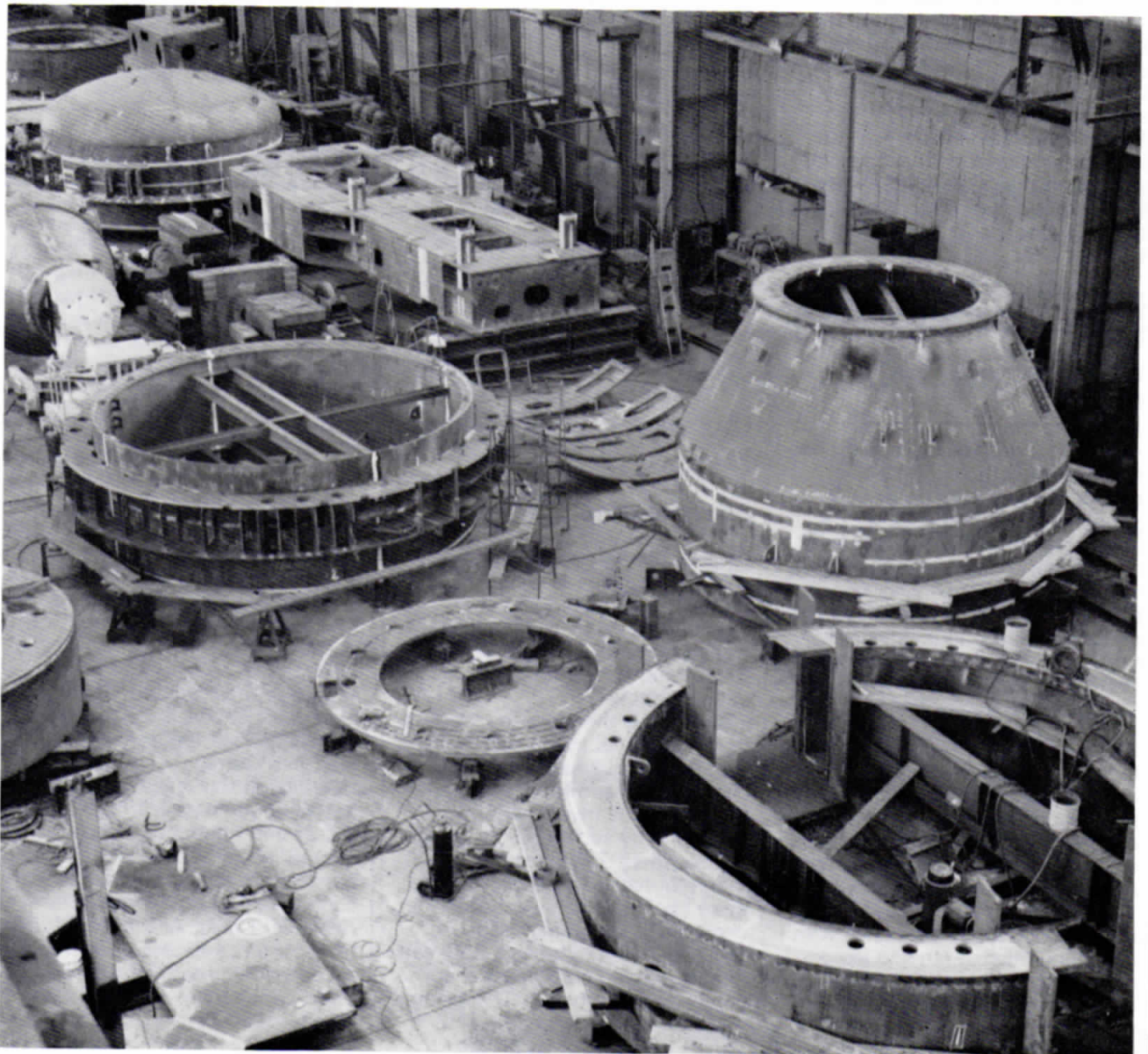
This converter, weighing 130 tonnes, was transported in three parts from Thornaby for final welding together at Middlesbrough. The completed vessel will be delivered by a crane-ship to

Llanwern towards the end of April. Production of the other two converters is well advanced and delivery is expected to follow shortly.

Llanwern

The BSC Llanwern contract for the design, supply and erection of the BOS furnaces was won by HWPEL who are also handling the management contract for the associated gas handling, cooling and cleaning systems. The total value of the contracts is nearly £4m. The converters being supplied by HW Teesdale will each be capable of producing 175 tonnes of steel in sixteen minutes.

below: A general view of various sections of the Llanwern converters during construction at the Thornaby Works of HW Teesdale



THE STOCK MARKET

It appears that more and more people now read the city column of newspapers and whether your daily reading covers the *Telegraph*, *Sun*, *Gazette* or whatever, it is probable that you will at least glance at the movement of the share price of companies of your interest.

Though you may not personally own shares we are all indirectly concerned in securities quoted on the Stock Exchange. This indirect interest comes through contributions to pension funds, building societies, insurance premiums, savings in banks, trade union subscriptions etc: for the surplus funds of such institutions have to be put to profitable use and generally a large proportion of this is by investment into stocks and shares.

Perhaps you are familiar with the jargon associated with stocks and shares, on the other hand this simple guide may be helpful towards a better understanding of the Stock Market.



What are stocks and shares ?

An investor is basically putting his money into companies, public bodies, corporations or governments in return for a certificate and a periodic payment of dividend or interest, either fixed or unknown. In most cases a person is able to buy or sell stocks and shares through a stockbroker or a bank, at the prevailing market value plus of course their fees for arranging the transaction.

Stocks are often (but not always) fixed interest securities and are usually quoted per £100 nominal or paper value, though fractions of this can be dealt with. Some examples are government stocks, corporation stocks, debenture and loan stock. The market price of this type of investment usually fluctuates with prevailing interest rates to keep the actual yield in line, but the investments do not appreciate with the company's fortunes or benefit from higher profits.

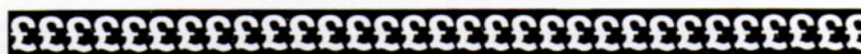
Preference shares as the name implies, come before ordinary shares for dividends and repayments, but after debentures and loan stocks. They are fixed dividend shares with the dividends only paid out of profits. They usually have a form of protection in that dividends are cumulative ie if profits are insufficient to pay the whole or part of the dividend the balance is carried forward for payment out of any future profits. Although preference shareholders are part proprietors of a company they rarely have a vote at company meetings.

Ordinary shares (or equities) carry no promise of a fixed rate of dividend, for this is dependent on what balance of profit is available when everything else has been paid for. It is the risk capital, taking the cream when things go well and shouldering the burden when they go badly. It is the dealings of these shares which are widely quoted in the press and

the shares most ordinary investors buy and sell. Holding these shares makes you a member of the company as part owner and gives you a vote at the annual general meeting.

Shares have a definite par or nominal value which can be any figure such as 5p; 10p; 20p; 25p; 50p; £1 etc. Generally they are 'fully paid' meaning the full value of the share issued is paid for, there are however, instances of certain share issues where the purchase price is paid in instalments.

In the event of the company winding up its affairs and providing the shares are fully paid, the shareholder does not contribute to any financial deficiency — hence the name 'limited company.' However, the claims of creditors, debenture and loan stock holders and preference shareholders are met first before any payment is made to the holders of the ordinary shares.



authorised	share capital	issued
£ 169,130	6% cumulative preference shares of £1 each	£ 169,130
330,870	4½% cumulative preference shares of £1 each	300,000
4,000,000	ordinary shares of 25p	3,348,573
£4,500,000		£3,817,703

Share capital

Let us examine the share capital and recent prices of Head Wrightson and Co. Ltd., First, the make-up of the share capital from the 1971/72 Annual Report and Accounts which is detailed above.

The £4½m is therefore the amount of share capital authorised by the Company and approved by the shareholders and the £3,817,703 represents the investment in the Company by some 4,000 shareholders. The directors therefore have the power to raise more capital by issuing further shares with a nominal value of £682,297 (the difference between the issued and authorised share capital shown above). The amount that these shares would realise if issued would depend on the

prices on the Stock Exchange at the time of issue. The HW preference shareholders are entitled to the first claim for dividends and this amounts to £23,648 (being £169,130 @ 6% = £10,148 and £300,000 at 4½% = £13,500). Although the nominal value of HW preference shares is £1 they are usually bought and sold at less than this figure.

Dealings in this class of share are not as frequent as with the ordinary shares and the prices are not quoted in the general city columns, but they do appear in the Stock Exchange dealings page of the *Financial Times*. At the top of the next page is a facsimile from the *FT* dated Saturday 3 February, 1973 which gives dealings of Head Wrightson and Co Ltd, shares for that week.



Share prices

IRON, COAL & STEEL (110)

Babcock Wilcox (25p) 99 $\frac{1}{2}$ 100 98 9.
 4pcPf. 38 $\frac{1}{2}$. 7pcUnscd.Ln. 78 $\frac{3}{4}$
 Beyer Peacock (5p) 31
 Braithwaite Engs. 137
 Broken Hill Prop. (SA2) 695 $\frac{1}{2}$ 706 700
 12 2 4. 6 $\frac{1}{2}$ pcDb. 77 (31/1)
 Brown Bayley Steels (50p) 61 2 3 (29/1)
 Davy-Ashmore (25p) 90 $\frac{1}{2}$ 86 $\frac{1}{2}$ 9 $\frac{1}{2}$ 7 90
 89 8 1 $\frac{1}{2}$ 6 $\frac{1}{2}$
 Dunford Elliott (25p) 101 99 (1/2)
 Fire (Thos.) John Brown 223 $\frac{1}{2}$ 6 9 30
 9 $\frac{1}{2}$. 4 $\frac{1}{2}$ pcDb. 65 $\frac{3}{4}$ (31/1)
 F. Mesowen (20p) 37 $\frac{1}{2}$ (31/1)
 Gues. Nettlefolds (O' seas) 5 $\frac{1}{2}$ pcDb.
 (25/1)
 H. Wolff 61 3 2. 4 $\frac{1}{2}$ pcPf. 46 $\frac{1}{2}$ 4 $\frac{1}{2}$
 H. (R. W.) Leslie (50p) 86. 5pc
 43 (31/1)
 Head Wrightson (25p) 64 (1/2). 6pcPf.
 57 $\frac{1}{2}$ 30(1). 4 $\frac{1}{2}$ pcPf. 43 (30/1)
 Hunslet (Hldgs.) (25p) 32 29(1)
 Lee (Arthur) Sons (Hot Rolling Mills) 74
 3 (29/1)
 Lloyd F. H. Hldgs. (25p) 73
 Neepend (25p) 62 1 (31/1)
 Nth. Brit. Steel Gp. (25p) 22 $\frac{1}{2}$ (30/1)
 Richardson Westgarth (50p) 73
 Ronksley (Inv.) (13p) 5 $\frac{1}{2}$
 Summers (John) Sons 4pc1stDb. 91 $\frac{1}{2}$ 6 $\frac{1}{2}$
 Swan Hunter Gp. 156 $\frac{1}{2}$ 1. 6. 7. 7 $\frac{1}{2}$ pc
 Unscd.Ln. 66 $\frac{1}{2}$ (31/1)
 Union Steel Cpn. (Sth. Africa) (R0.50)
 24 $\frac{1}{2}$ (1/2)
 Ward (Thos. W.) (25p) 100 $\frac{1}{2}$ 100 99 $\frac{1}{2}$ 8 $\frac{1}{2}$.
 9 $\frac{1}{4}$ pcDb. 93 $\frac{1}{2}$ (1/2). 7 $\frac{1}{2}$ pcUnscd.Ln. 102 $\frac{1}{2}$
 3 $\frac{1}{2}$
 Whessoe (25p) 122 1 $\frac{1}{2}$
 Woodhouse Rixson (Hldgs.) (12 $\frac{1}{2}$ p) 37 (1/2)
 Yarrow (50p) 88 5

The prices quoted above for the 6% preference shares are shown as 57 $\frac{1}{2}$ p and the 4 $\frac{1}{2}$ % at 43p. Therefore 100 £1 shares could possibly have been purchased at approx £57.50 and £43 respectively – plus of course, the stockbrokers fees. Consequently, at these prices the return on capital investment is 10.4%.

The above extract from the *FT* also shows that dealings of the ordinary shares were 64p and these refer to the price at that date of our 25p ordinary shares. As mentioned before it is this class of share usually quoted in the general press and shown as 'middle market price': again, a facsimile from the *FT* dated 3 February, 1973 shows the HW ordinary share price information as follows:

ENGINEERING AND METAL—Cont.

1972/3	High	Low	Stock	Price	+ or -	Div.	Cvri	pc	P/E
61 $\frac{1}{2}$	33	Harper(John)	46	.....	10	0.7	5.4	27.0	
447	317	HawkerStd.(L1)	595	.....	-5	115	82.5	3.8	10.7
12	62 $\frac{1}{2}$	Head Wrightson	65 $\frac{1}{2}$	.....	-3	12	2.1	4.7	10.3
51	60	end'sonJ.M 10p	61	.....	+1	118	2.4	2.9	14.3
174	.....	ill & Smith	120	.....	120	2.3	4.2	10.4	
610	.....	Hopkinsons (L1)	508	.....	25	1.5	4.6	5.8	

Let us analyse this information

High/low: this shows that the share price during 1972 and early 1973 has been as high as 82p and as low as 62 $\frac{1}{2}$ p.

Stock: unless otherwise indicated the prices are in pence and the nominal value of the share is 25p.

Price: the middle price of dealings on the previous stock market day.

+ or - : the plus or minus of the share price on the previous stock market dealings – on this occasion the price had dropped one half penny.

Dividends: the percentage dividends declared by the Company during the past financial year. In our case 4% was paid as an interim dividend in December '71 and a final dividend of 8% paid in July '72 making a total of 12%.

Cover: this shows the number of times that the company's available profits cover the money needed for the dividend and therefore how safe the dividend is.

Yield: this is the current yield or percentage return you would get on your money if you bought at the current price e.g. the HW price quoted is 63 $\frac{1}{2}$ p for one 25p share and the current dividend is

12% – therefore £100 invested in the Company will yield 4.7% before tax on the current dividend

$$\left(\frac{25}{63\frac{1}{2}}\right) \times 12$$

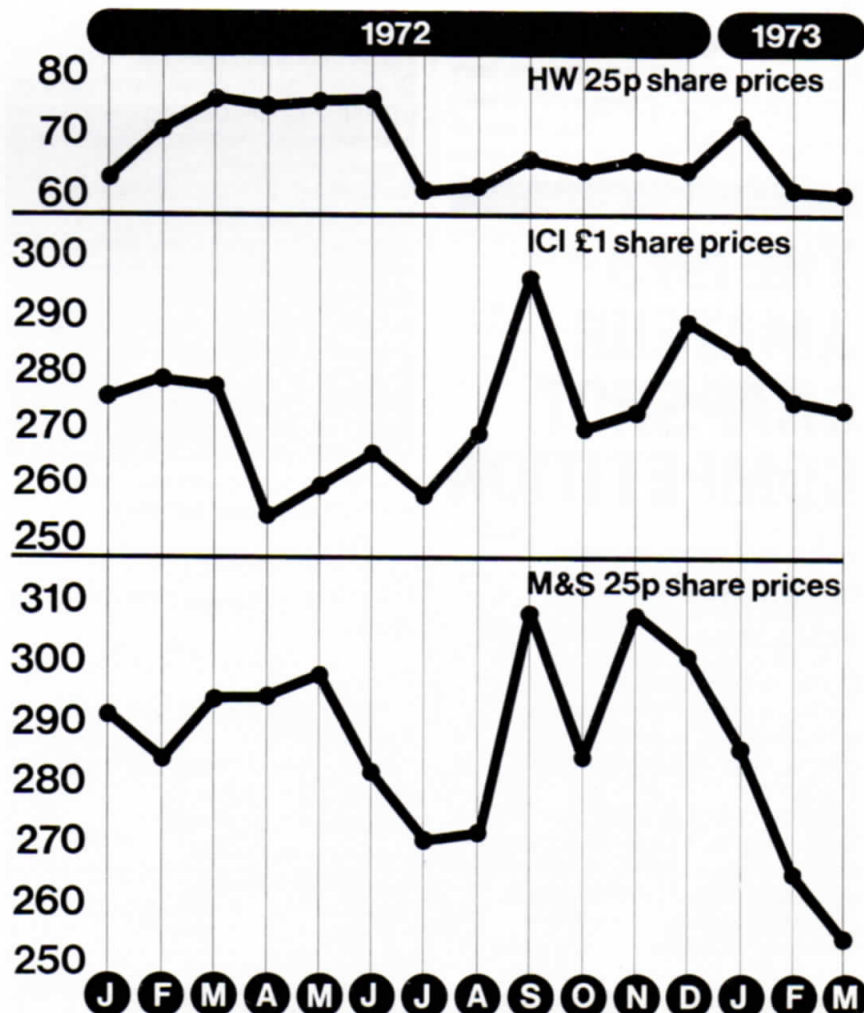
P/E: being the ratio of the current price to the earnings of the Company. Earnings per share are the profits earned after providing for tax, preference dividends and all other charges, divided by the number of shares issued. In 1971/72, earnings per HW share were 6.2p and on 3rd February, the share price was 63 $\frac{1}{2}$ p therefore the p.e. ratio was 10.3%. This information is a measure of how the company is regarded by other investors and denotes how many years profits you have had to pay for in purchasing the shares at the current price.



Peaks and troughs

Ordinary share prices fluctuate for many reasons – according to the fortunes of the company – industrial trends – management – prospects – developments – market conditions – national

economy—press comment, etc. To illustrate the fluctuation of share prices the graphs below show the movement of the quoted share prices on a monthly basis from 1 January, 1972 to 1 March, 1973 of three companies namely HW, ICI and Marks and Spencer.



RETIRE- MENTS

We wish each of the following personnel a long and happy retirement:

HW Foundries—Billingham
JA McCarrick 40 years' service

HW Foundries—Stockton
GT Bailey 12 years' service

HW Machine Co
S Garbutt 33 years' service

HW Stampings
J Green 23 years' service
Mrs L Trotter 17 years' service

HW SOCIAL CLUB

Teesside Park, Acklam Rd, Thornaby

Weekly programme

Tuesday	Ladies night
Thursday	Dance
Friday	Bingo
Saturday	Entertainers
Sunday	Bingo

THE 1973 AMATEUR SNAPSHOT COMPETITION

preliminary announcement

the 1973 theme is

Action people

Entries may be black and white, colour or transparencies and the competition is open to all employees of the Head Wrightson group of companies.

A first prize of £5 will be awarded for the best entry in the competition and other prizes will be given at the discretion of the panel of judges. Full details will be given in the next issue of 'Wright ahead' as to how, where and when to submit entries.

SPORT & SOCIAL

HW bowls section

The AGM was held in the Social Club on 4 December when the following officials were appointed for 1973:

President A Lackenby

Vice President A Waton

Secretary RT Waller

Treasurer J White

Competition Secretary AD Lackenby

Veterans Secretary G Woodwark

Committee A Chesser, T Dobson, AD Lackenby, A Littlewood, J Place and T Watson

Auditors A Littlewood and A Waton

Easter Saturday, 21 April, is the date for the official opening of the green for the season.

HW Works Band

The Works Band took part in the Durham County Brass Band League Championships, gaining third place and were awarded the RL Dawson Trophy.

On 3 March they competed in the National Brass Band Championships of Great Britain in the Championship Section at Sunderland. They also competed in the WD & HO Wills British & European Grand Finals in London on 14 April.

On 5 May they will travel to Manchester to compete in the 'Grand Shield' for the *Daily Express* Challenge Shield and the Belle Vue 100 Guineas Challenge Trophy.

They have concerts on the following dates:

Friday 6 July

Town Centre, Thornaby at 7.00 pm

Sunday 8 July

Town Centre, Thornaby at 3.00 pm

Saturday 14 July

Garden Party at Ropner Convalescent Home

Sunday 5 August

Stewarts Park, Middlesbrough at 3.00 pm

Sunday 26 August

Floral Pavilion, Whitby at 8.00 pm

HWM Staff Benevolent and Social Fund

Our annual dinner and dance took place in December when this time the venue was changed to *The Ladle*. From comments on the evening this appeared to be a successful change.

The members' children again enjoyed the annual Christmas party, held at the Grove Hill Community Centre. Needless to say, the highlight of the occasion was the visit of Santa Claus with gifts for all the children.

Our annual Winter competitions are now well in hand for table tennis, darts, dominoes, chess and draughts, and winners will receive their awards at a presentation evening in April.

The members of our photographic section are again competing for the O'Connor Cup with competitions being organised in Portraiture, Christmas, Children, Sport and Sunsets. These competitions are spread over the year and the cup winner is the competitor with the highest aggregate of marks for his best entries in three of the above subjects. Arrangements are also being made for some practical photographic sessions including a portrait evening, a visit to Stewart Park and a visit to Whitby. A new section recently formed by members is a Winemaking Society. Twenty people attended an inaugural meeting in February when a demonstration of winemaking equipment, illustrated with slides, was given. The majority of the members are beginners and it is hoped that through staging a series of demonstrations and lectures they will be able to attain a higher standard. The evening was brought to an enjoyable conclusion by tasting a selection of home-made wines.

Plant a tree in '73

We have taken this slogan to heart at Teesdale Park where our groundsman, Otto Friis, has been busy during the mild winter planting 150 trees and shrubs. The main purpose of this tree planting project is to create a screen to hide the unsightly wire netting surrounding the south side of the football fields. Here, 48 poplars and 72 willows have been planted. This landscaping is a long term venture to improve even further this attractive little park.

TRAINING NEWS

FITC Seal of Merit awards

This award is presented to trainees who have attained both the Foundry Industry Training Committee Certificate of Craftsmanship and the final City and Guilds Certificate. Peter Hamill formerly *Thornaby Foundry* and Alan Jenkins *Stockton Foundry* are the first HW moulder/coremakers to receive a Seal of Merit award. In addition, John Sanderson also secured an 'HW first' by obtaining the award for patternmaking. John is presently taking his diploma course at West Bromwich. Very well done lads and good wishes for the future.

Module training successes

Congratulations to the following trainees who have successfully completed training modules, validated by the Engineering Industry Training Board (EITB).

Machine Co

GE Almond *H3 fitting*

HMM

LG Green *H3 fitting*

JD Hastings *H28 horizontal boring*

SA Parkin *H3 fitting*

S Simpson *J21 advanced*

maintenance fitting

R Taylor *H3 fitting*

Stampings

I Banks *H1 machinery for toolmaking and experimental work*

Teesdale

RW Bradley *D1 thick plate working*

I Turley *D1 thick plate working*

G Watson *D1 thick plate working*

P Wennington *D1 thick plate working*

M Wood *D1 thick plate working*

It is interesting to note that Stephen Simpson, who is only nineteen, is embarking on a third module, the only HW trainee so far to do this.

Through the European language barrier

The Management Development Centre's contribution to Fanfare into Europe began early this year with the start of an eight-week series of lessons in French. A 'crash' course on tape, with the lengthy title 'Programmed

Instruction Language Learning,' was adapted to suit the requirements of the course, with additional, and much used, help being provided in the form of printed notes. Marilyn McConnell, the course organiser, has had only one real problem so far, that was her inability to meet the request of the course members – to slow down the speed of the tape recording. The term 'crash' course is no exaggeration. Nevertheless, at the end of the eight sessions an additional 20 or so members of Head Wrightson should be able to hold a conversation with the 60 million French speaking people of the world – theoretically, at any rate!

The course will be followed later in the year by similar instruction in German and Spanish.

An unusual photographic angle shot of Miss Julie Simpson *NE Steel Stockholders Limited* who successfully obtained the London Chamber of Commerce Private Secretaries Certificate. Congratulations Julie



MASSEY APPRENTICE AWARDS

The annual awards were made to successful apprentices at Openshaw in November when parents were invited for the occasion. Thirty-six apprentices representing 88% of personnel under training passed the required standards – a most encouraging effort on the part of the new generation!

Mr AA Thomas *managing director*, made the presentations and was ably supported by Mr H Prescott *works director*, and Mr H Smith *works superintendent*. Harry Prescott is also chairman of the Openshaw and District Training Association which was represented by Mr MC Cooper while Mr JA Redston *head of mechanical engineering*, attended on behalf of the Openshaw Technical College.

Special mention is deserved by S Renouprez who won the 1st Year Association Craft Progress Shield. This award is made by the Group Training Association for outstanding achievement in Practical Application associated with all round effort and behaviour. Congratulations Simon, and to all the recipients of awards.

left to right:

IP Miller, Mr JA Redston, D Axon, T Jones, CB Ross, Mr H Prescott, Mr H Smith, P Livesey, S Renouprez, H Williamson, C Hutchinson, F Curran, S Hill, AA Axon, D Jones, B Nock and Mr AA Thomas



... SAFETY IS SENSE ... SAFETY IS SENSE ...



by H Wade — HW Safety Officer
Accidents benefit no-one. They cause pain and suffering to the injured and are uneconomic to industry.

Last year within the HW group there was an average overall reduction of accidents of 25% on the 1971 figures. Whilst this is commendable, nevertheless in 1972 there were 7,515 minor injuries and 188 injuries for which 4,192 working days were lost. A sheer waste — both in loss of earnings and production.



Accident prevention is everybody's business. We can, and must, reduce the number of accidents occurring within and around our workshops. Not only must we be at all times safety conscious, we must, by example and precept, teach our colleagues that safety is a vital necessity.

Answers to safety quiz

1c	2b	3c	4b	5a	6a	7b
Score three points for each correct answer.						
10-14	14-19	19-21	You think carefully about safety			
Not as safe as the next man						
As safe as the next man						
Safer than the next man						
You think carefully about safety						

Safety quiz

You may think you are as safe as the next man. Well, are you? Here are a few test questions. Tick the answer nearest to the action you would take and check your score against the next man's.

1 You are walking along a gangway when you see a piece of metal lying between the white lines. You :

- a Remember its not your department
- b Decide to tell the foreman
- c Bend down and move it yourself

2 There is a line of railway wagons blocking your path. You :

- a Look both ways before crossing between the buffers
- b Walk all the way round it
- c Wait for the train to move

3 You have reached the works before you realise your safety helmet is back in the car. You :

- a Line your cap with the morning newspaper
- b Borrow a helmet from the stores
- c Nip back for it

4 A man complains a guard is missing from his machine. You :

- a Work it carefully until you can find the fitter
- b Wait till the guard is fixed
- c Rig a temporary guard with anything to hand

5 You spot a defective chain sling. You :

- a Scrap it at once
- b Notify the foreman
- c Ignore it

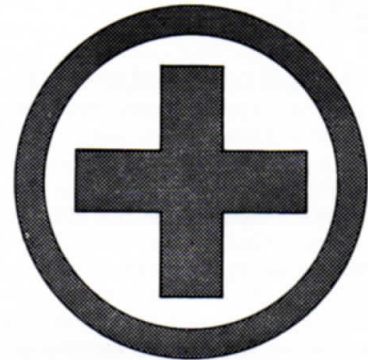
6 There is a danger board on the electrical switch box and no-one is about.

You need the machine so. You :

- a Find the man who put the board on
- b Remove the board but leave someone on guard in case the craftsman returns
- c Leave the board but work the machine

7 You see a man up an unsupported ladder. You :

- a Detail another man to foot it
- b Instruct the man at the top to lash it
- c Kick a brick end under the foot



First aid awards

Mr RJ Edwards *managing director* HWT made the presentation of awards to candidates of the HW First Aid Group during a social evening held in December. Awards were presented to :

RR Hall	initial	R & D
J Collinson	2 Years	HWT
R Graham	2 Years	HWT
WT Monaghan	2 Years	HWM
R Wilson	4 Years	HWPEL
D Walton	5 Years	R & D
JJF Sills	9 Years	HWT
CJ Hope	15 Years	HWT
SR Duckett	33 Years	HWT

Other recipients were WB Willis 2 Years and WE Bell 7 Years.

Steelcast

First Aid awards were also presented at Billingham Foundry in December by Mr EH Bridges works manager.

Awards were presented to :

Mrs S Braithwaite	2 Years
Mrs C Downey	2 Years
<i>(now Iron Foundry Div)</i>	
Mrs E Poulter	2 Years
B Coates	4 Years
K Dilworth	4 Years
J Richardson	6 Years
J Richmond	6 Years
O Hargreaves	10 Years
W Kennedy	10 Years
J Snowdon	10 Years
A Stewart	12 Years
J Byers	15 Years
G. Findley	15 Years
H Haggerstone	15 Years
H Collins	25 Years

For information about the activities of the above groups please contact either : John Hope *Teesdale Joiners shop* or Harry Collins *Steelcast Billingham ambulance room.*

FAN CLUB PRESIDENT

Frank and Anne Oliver are leading British fans of the singer Al Martino, in fact Frank is President of the Al Martino Fan Club of Great Britain. Mr Oliver, a technical order clerk with HWPEL Thornaby, possesses an exclusive collection of Martino recordings and wrote the following article about his favourite artiste.

I first heard of Al Martino in 1956 when I was serving with the RAF stationed in Germany, for his records were popular requests on the British Forces Network radio programmes. Since those days, my wife and I have been great fans of his and have accumulated most of his albums except for two elusive records 'Wake to me gentle' and 'Living a lie.'

Recently, Radio Teesside heard of my obsession for Al's singing and asked me to take my records to the BBC studio for the weekly programme 'It's my choice'. Through the kindness and help of the staff of Radio Teesside a 30 minute programme was recorded and Al Martino was introduced to Teesside once again.



About Al Martino

Al Martino was a star before the 'Godfather', although his role in that particular film brought him new prominence. He was born Alfred Cini in Philadelphia about forty years ago. His family owned a construction business and as was expected, he joined the family firm, as a bricklayer. But he wanted to be a successful singer. Fellow Philadelphian Mario Lanza was the spur: he figured if Lanza could make it so could Martino. After many disappointments with his singing career he got a chance to record a song called 'Here in my heart', which resulted in the break he had waited for. Since then he has had many hit songs including his 'gold' record 'Spanish eyes'. Not long ago he recorded an operatic selection by Puccini and his singing of the great tenor aria 'Nessun Dorma' proves his artistry is varied and commanding. He now appears in the top clubs and TV shows around the world and a further screen role is planned for him in the sequel 'Godfather Pt II'.

BEST WISHES

Best wishes to newly weds Michael and Janice Ayre. Janice (nee Nicholson) is in the Personnel Department, Yarm.



FRIARAGE ON CANVAS

'The Friarage, Yarm' by Mrs Barbara Haggan. Barbara, who lives in the 'Garden Cottage,' located in the Friarage grounds, attended evening classes this past winter to study painting. Her first attempt in oils on a big canvas is reproduced below.



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