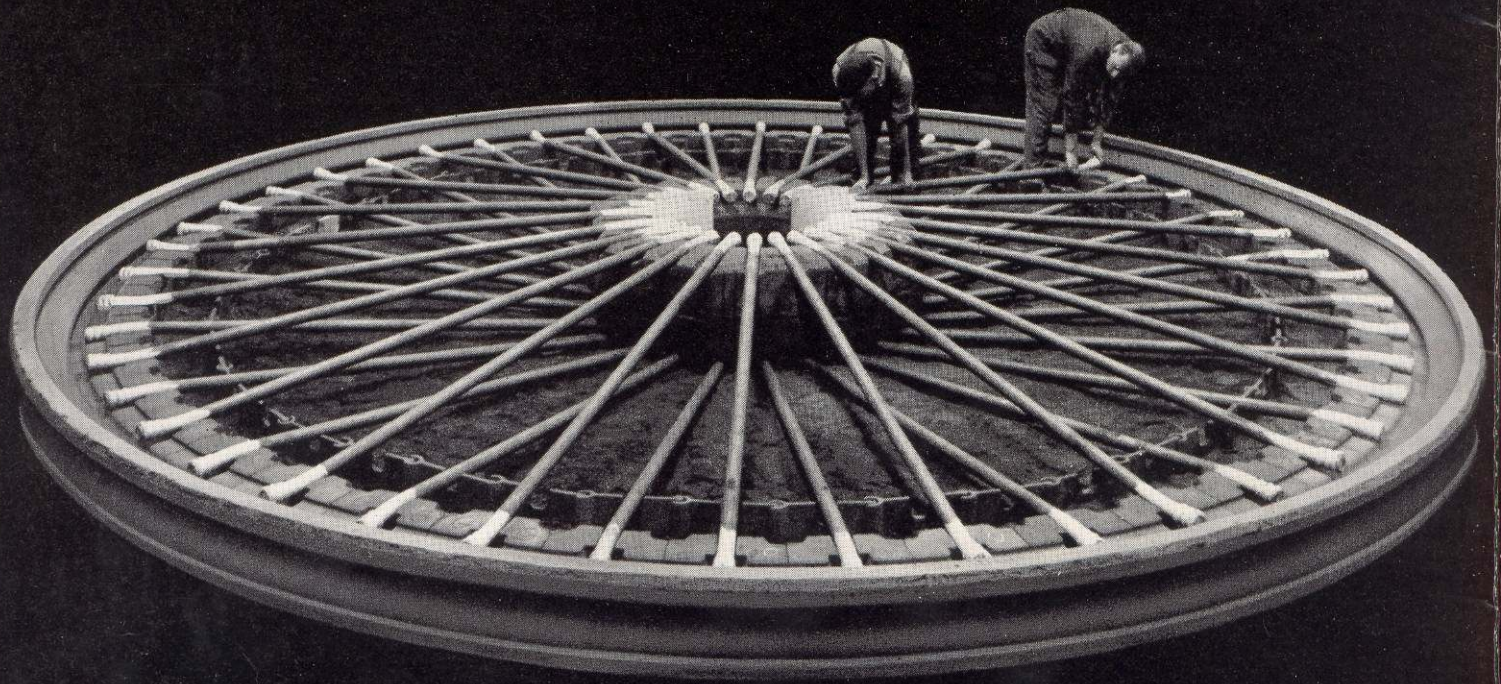




**General Engineers  
& Ironfounders**



**Thompson &  
Southwick Ltd.**

ENGINEERS & IRONFOUNDERS

TAMWORTH · STAFFORDSHIRE

Telephone: Tamworth 3521/3522 Telegrams: 'Pulleys' Tamworth.

It is well over a century ago that this Company began to build up a reputation for service to Mining and Allied Industries. From a small works alongside the canal which fringed the ancient town of Tamworth, to a vastly improved works nearer the town itself, Thompson & Southwick has continued to expand until it has become one of the best-known general engineering and ironfoundry works in the country.

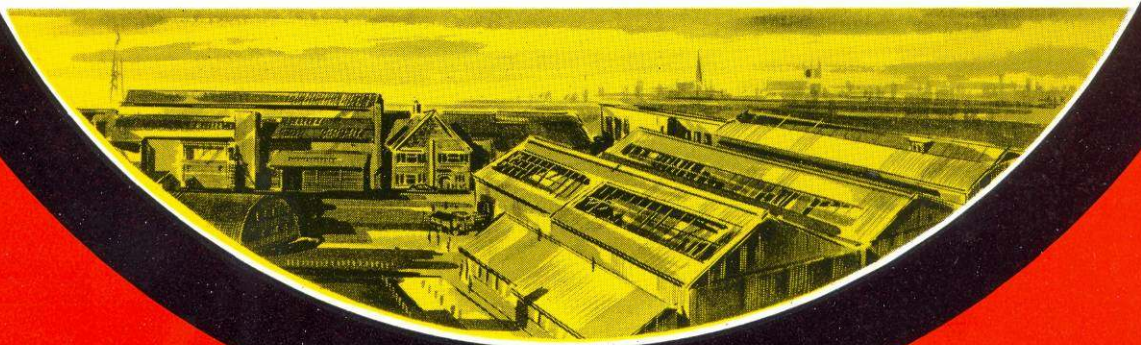
It is hoped that the ensuing pages will, at least, give an insight to the scope of this progressive Company as it operates to-day, under the direction of:—

Lieut.-Col. P. N. Dingley, M.C. (Chairman).

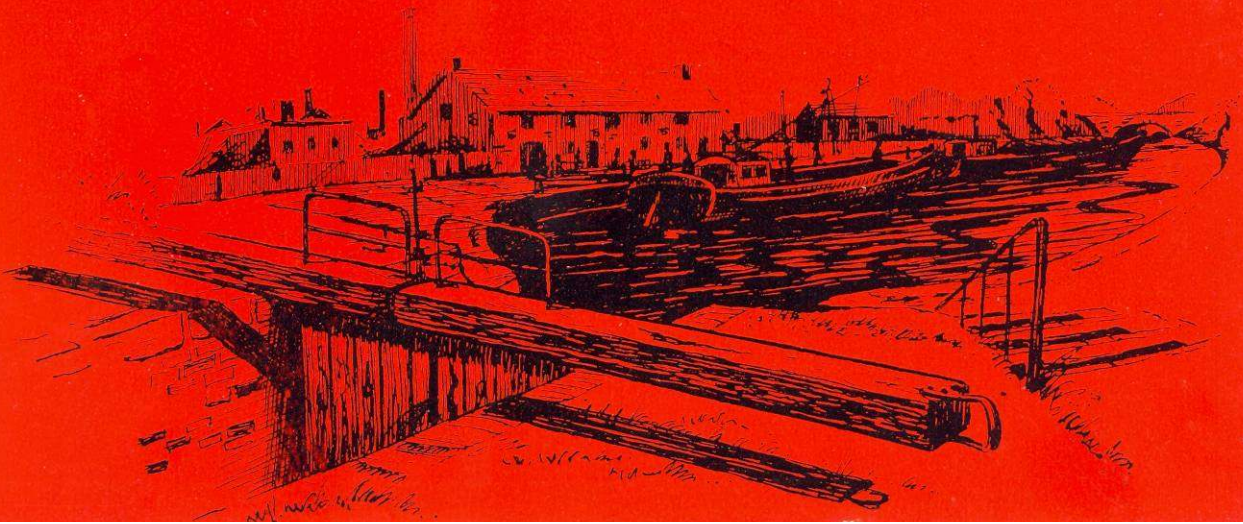
Mr. J. A. Graham (Managing Director).

Mr. H. Massey (Director-Secretary).

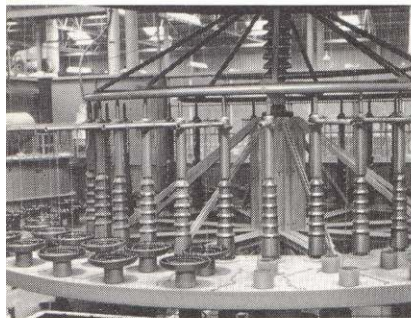
Mr. G. A. Clifford, F.C.A. (Financial).



## Introduction

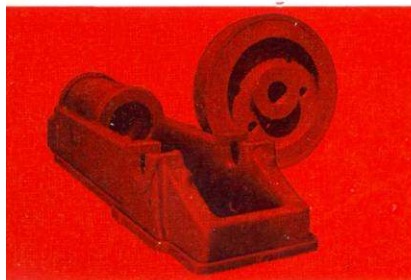


## Special Machinery



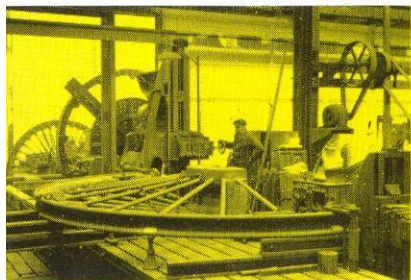
A special Electrical TESTING MACHINE built to customer's design and specification. This was assembled and installed complete for Messrs. Doulton Industrial Porcelains Ltd., and the application is for testing of porcelain insulators.

## Castings



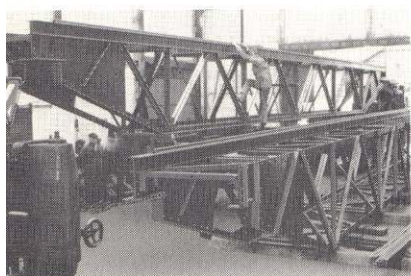
General engineering castings from 1 lb. to 6 tons. In grey iron (grades 12, 14 and 17). Also in gunmetal, phosphor-bronze and aluminium.

## Machine Work



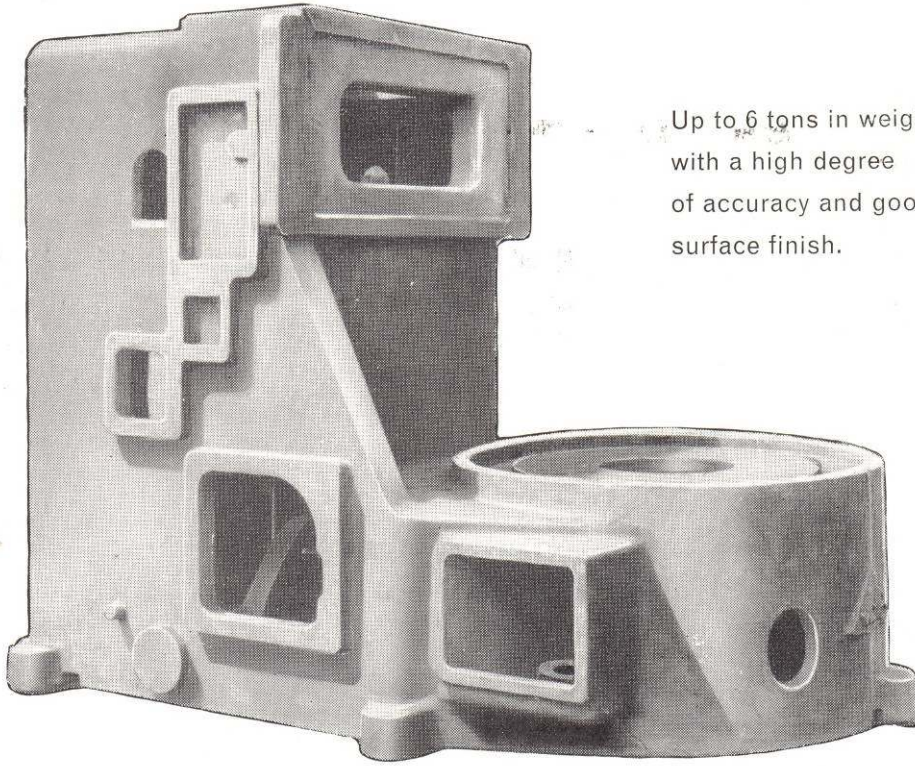
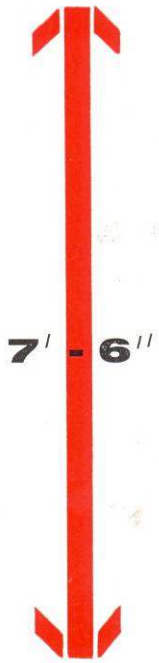
Our Machine Shop has been laid down to tackle a wide variety of machining to suit the specialist engineer. Illustrated is a planing machine with 45 ft. bed machining a Cast Iron Pulley at rim section and boss. (Up to 24 ft. dia.)

## Steel Construction Work

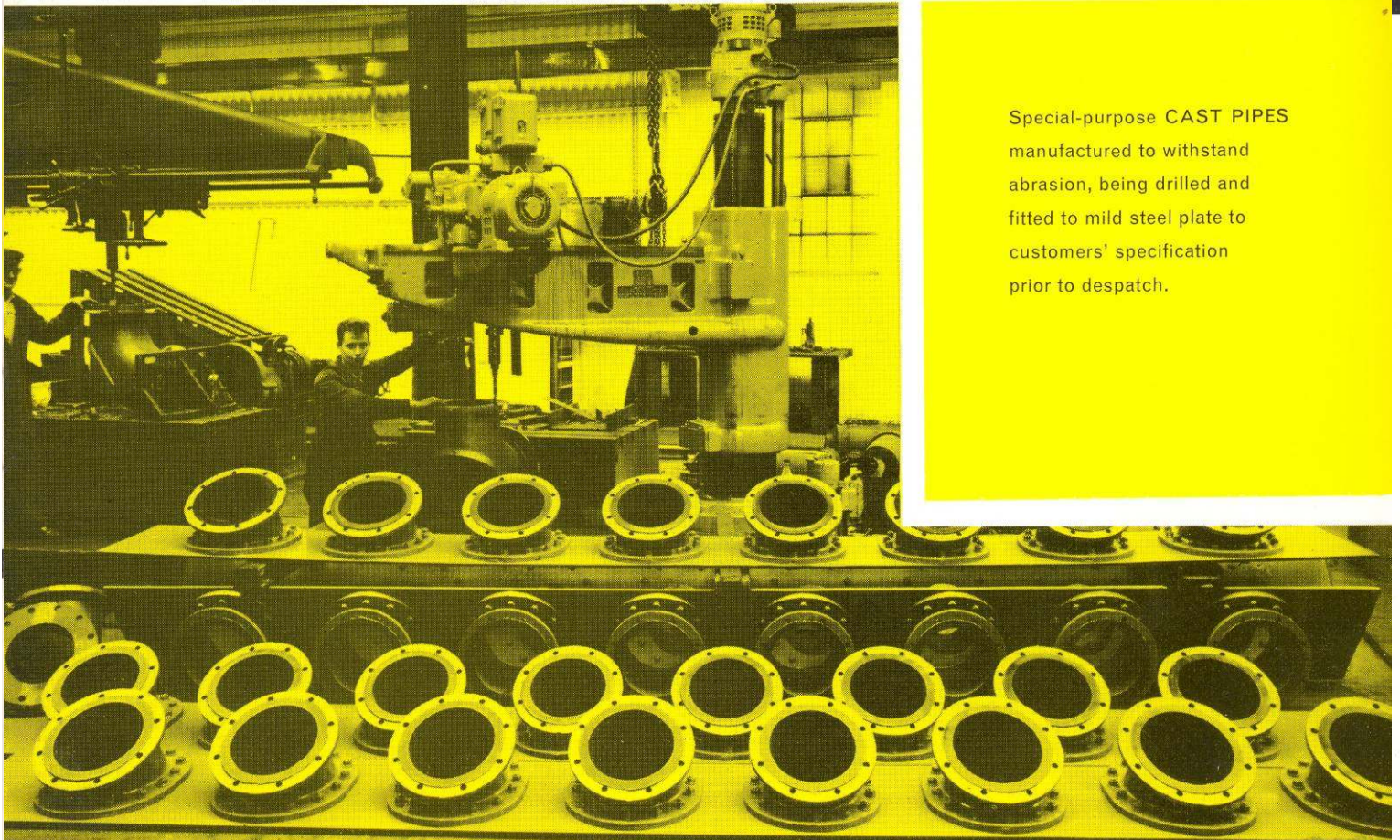


Suitable equipment for both welded and riveted construction in the Mechanical, Structural and Mechanical Handling fields, with capacity to handle plate and section from  $\frac{1}{8}$  in. to 6 in. thicknesses.

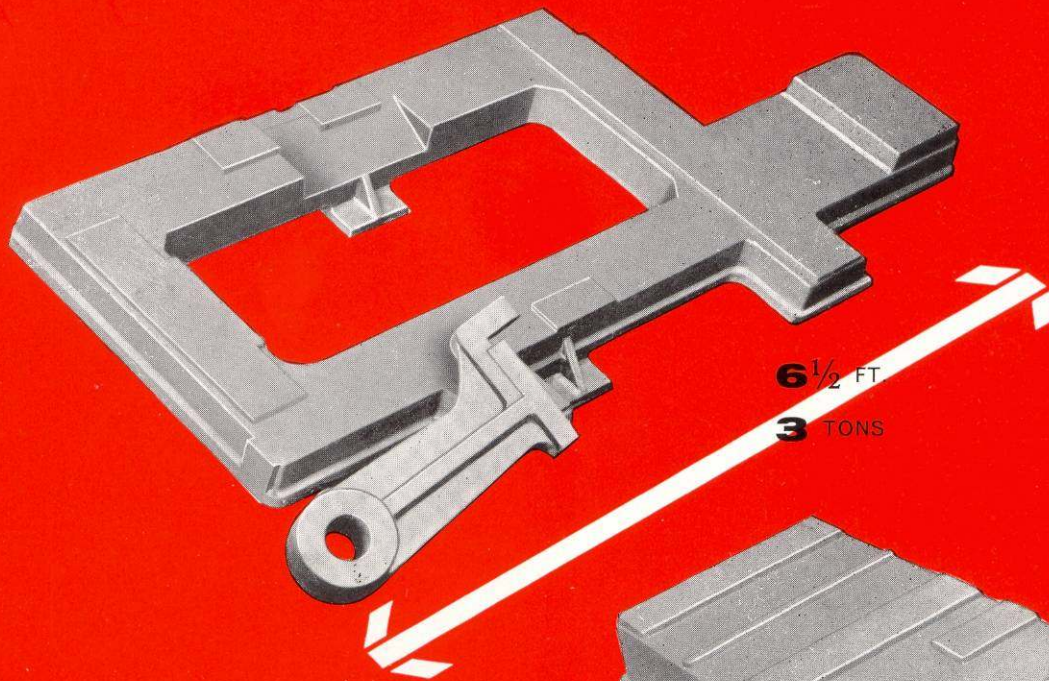
## Iron Castings



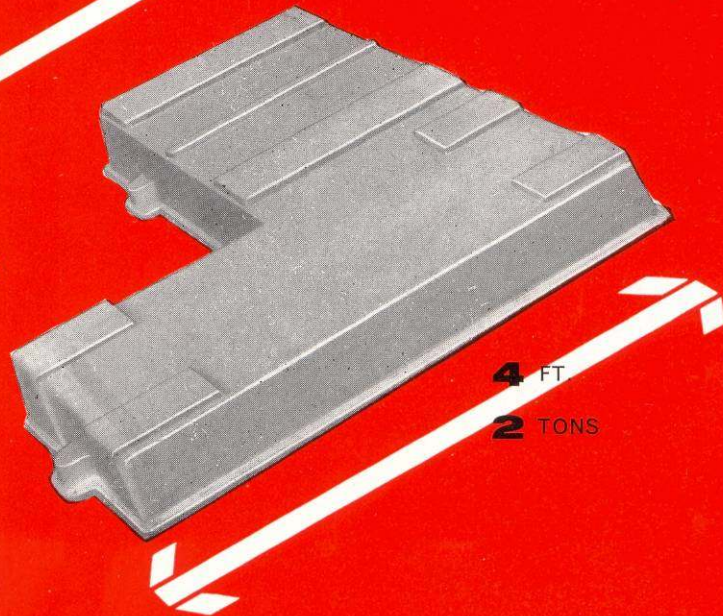
Up to 6 tons in weight  
with a high degree  
of accuracy and good  
surface finish.



Special-purpose CAST PIPES  
manufactured to withstand  
abrasion, being drilled and  
fitted to mild steel plate to  
customers' specification  
prior to despatch.

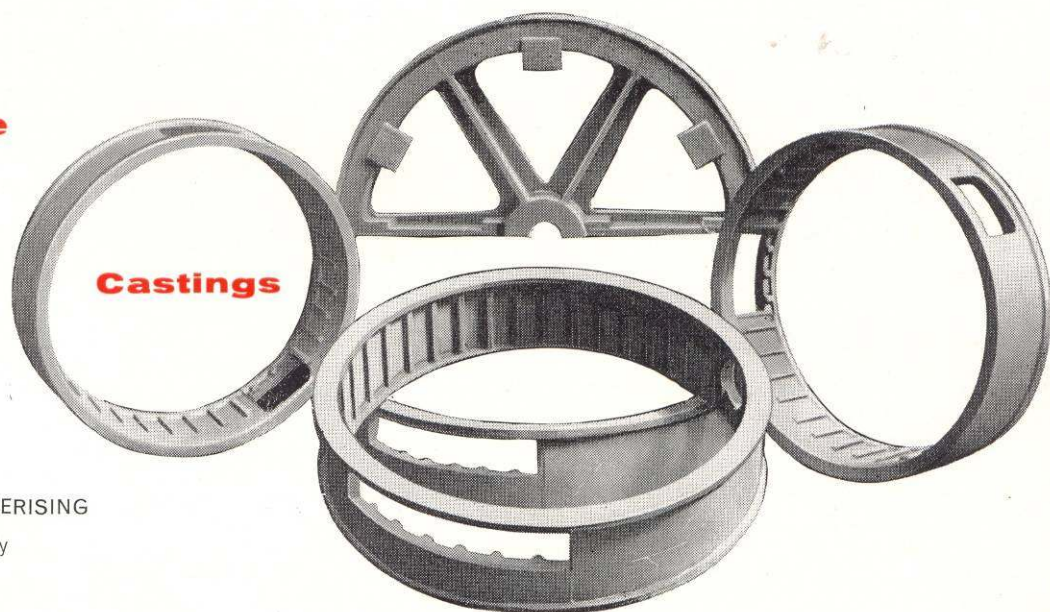


## Bed Plate Castings



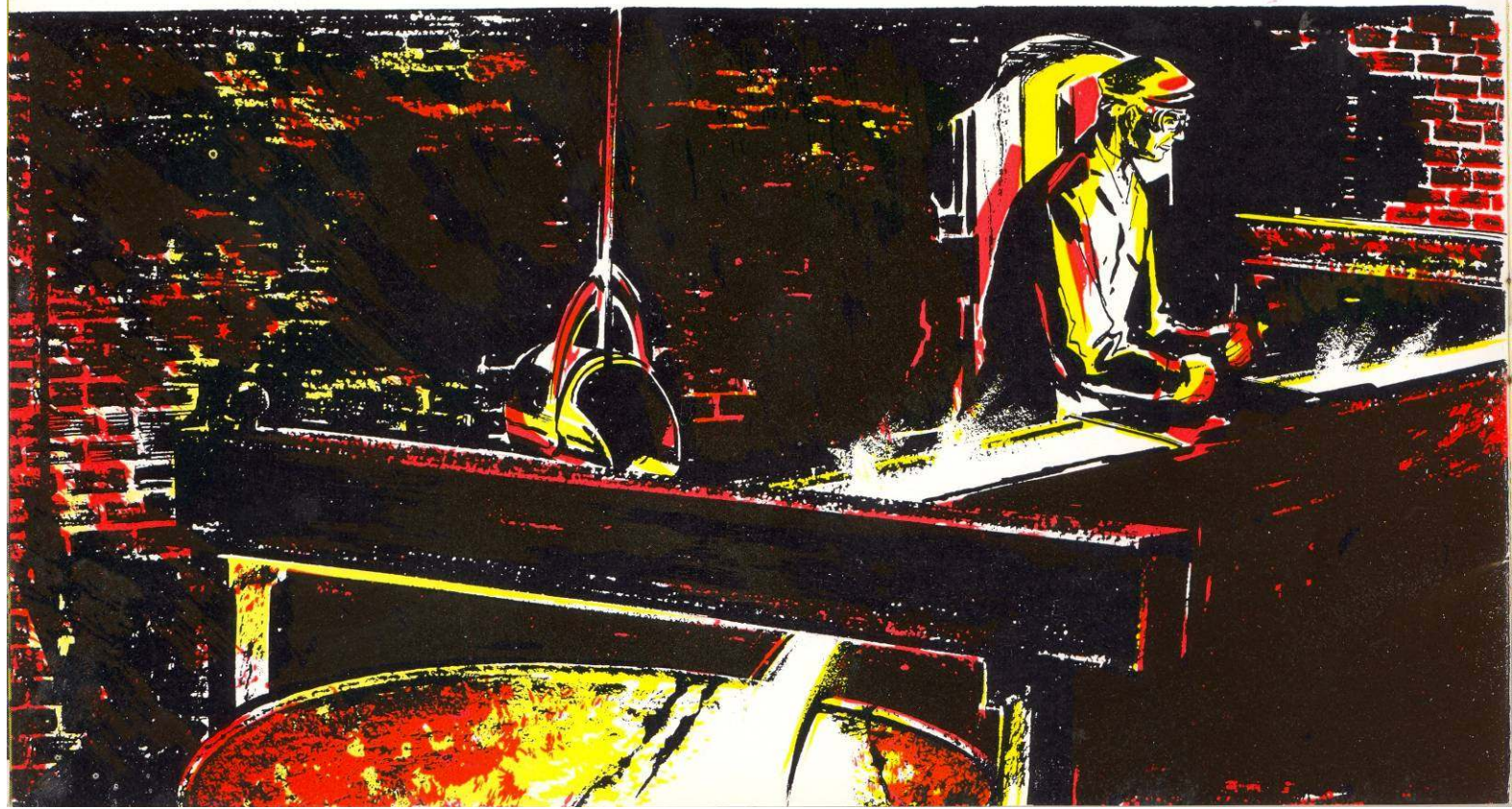
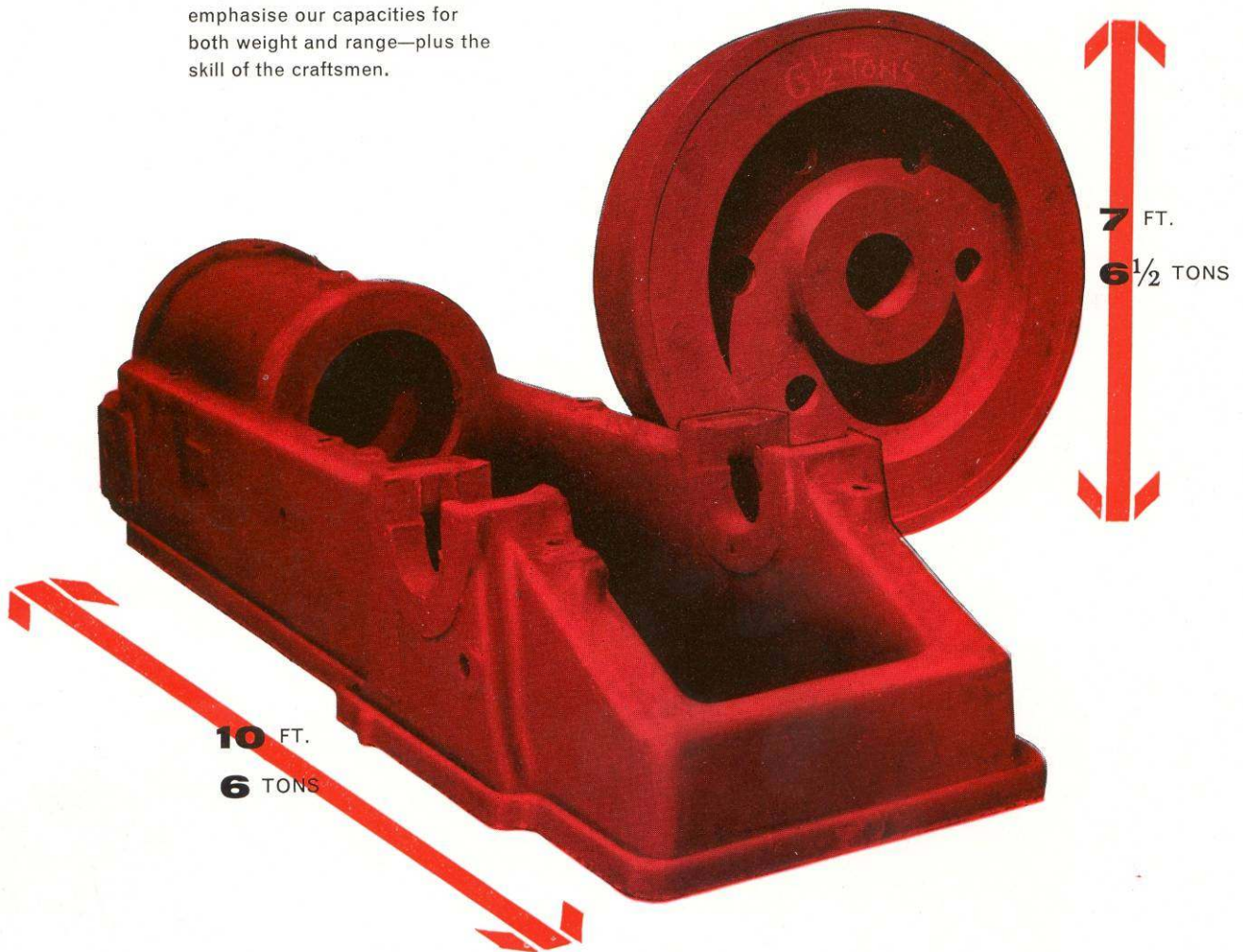
Further examples of **CASTINGS** being manufactured for the Machine Tool Industry, by Thompson & Southwick.

## Special Purpose

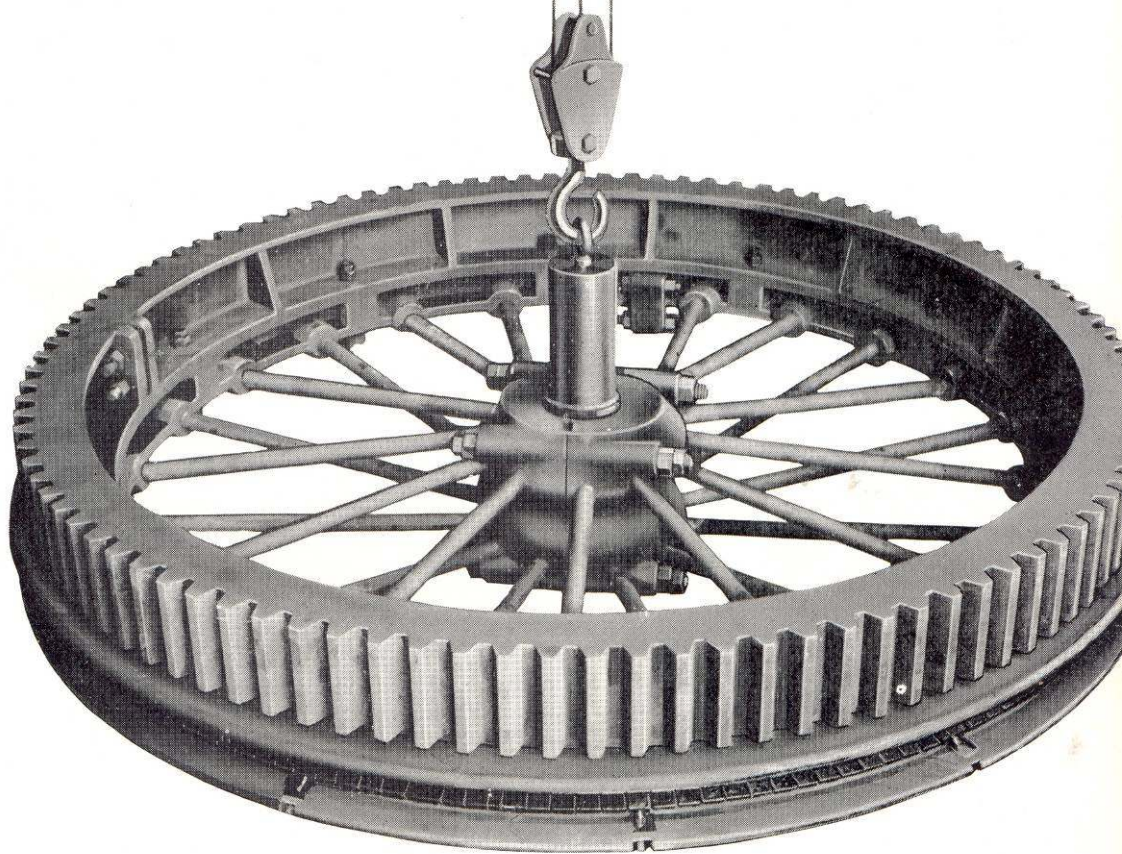


Here are a number of **PULVERISING RINGS** in cast iron, specially made to resist wear. Your enquiries are invited.

Grey iron CASTINGS can be any shape or size. Those illustrated emphasise our capacities for both weight and range—plus the skill of the craftsmen.

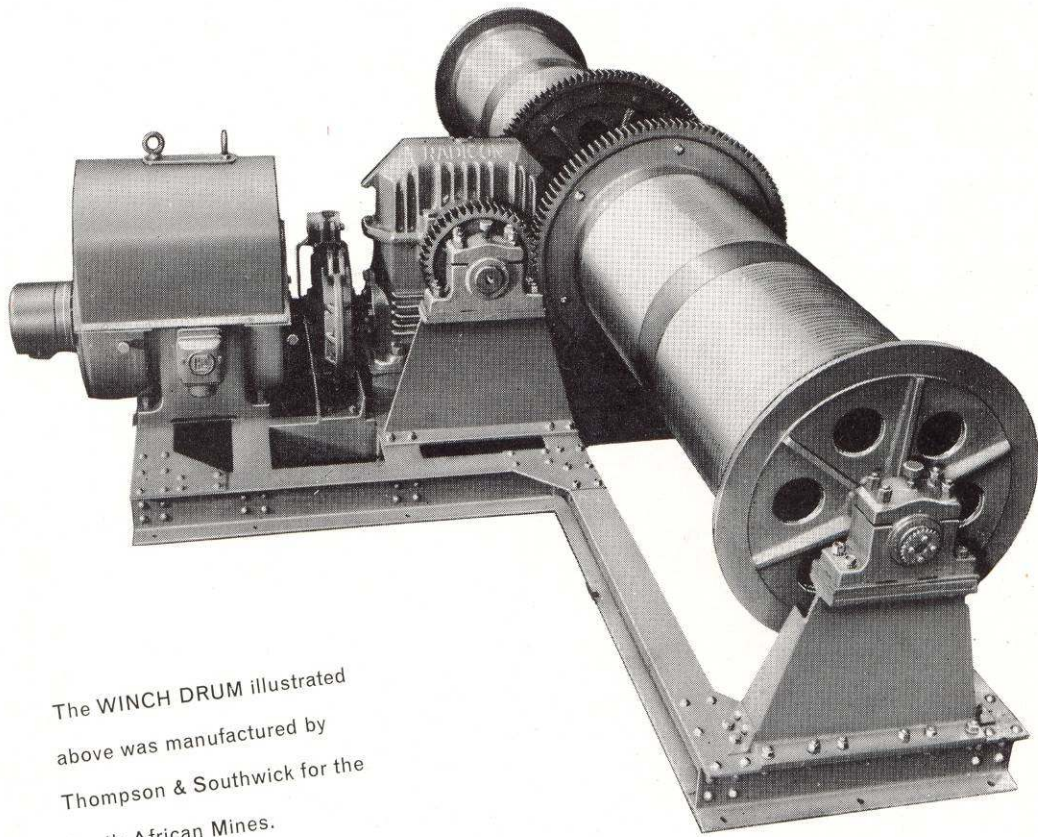


**Machine Moulded Gears**



An example of Machine-moulded Gears coupled with a Cast Iron Pulley which has been fitted with alternate copper and Ferodo segments on the rope tread. Cast Gears can be manufactured from 12 in. to 15 ft. diameter—to a surprising degree of accuracy.



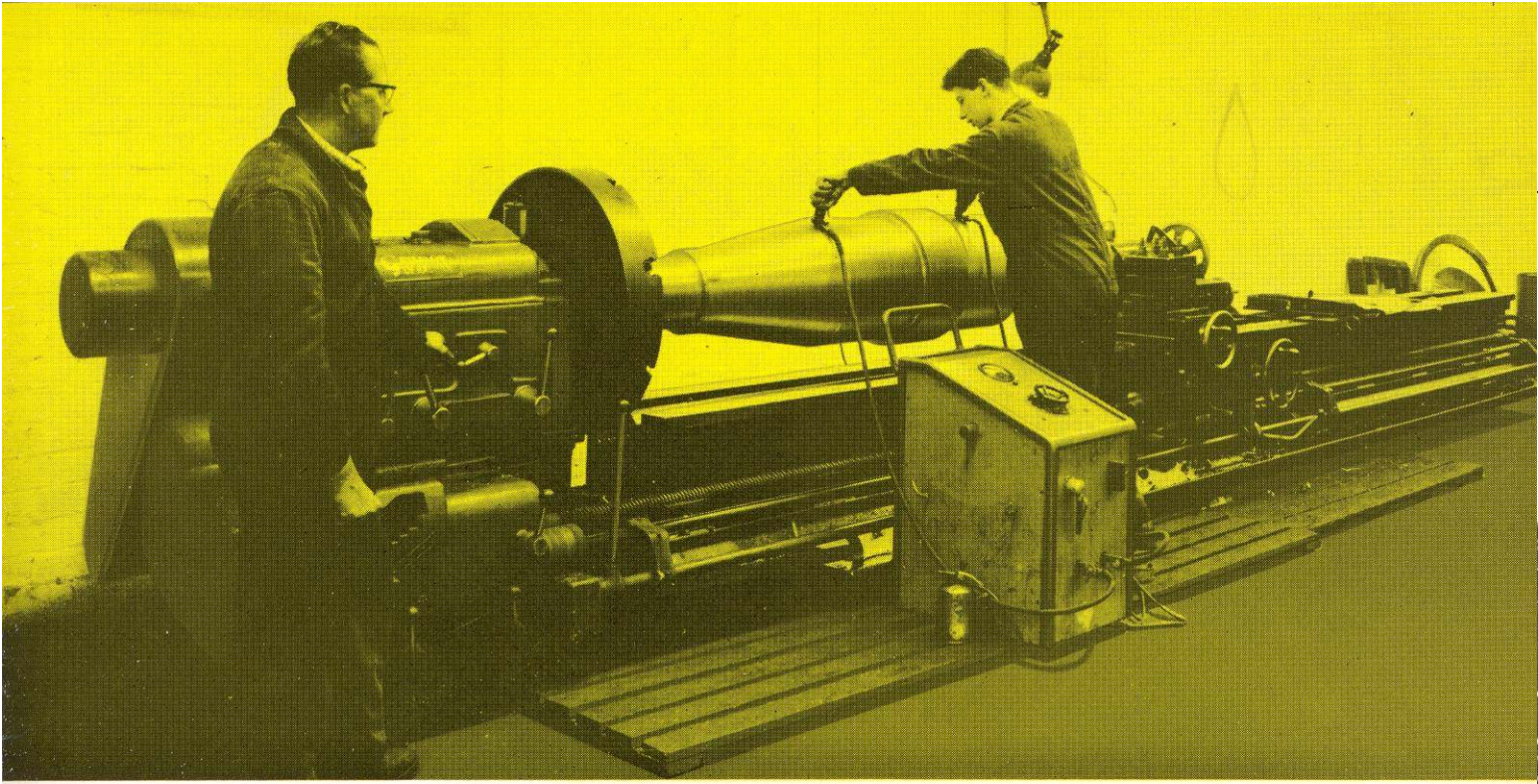


The WINCH DRUM illustrated above was manufactured by Thompson & Southwick for the South African Mines.

## **Mechanical Engineering**

This illustration shows a HAULAGE GEAR of fabricated construction. This, together with the example above, illustrates our facilities for the complete construction, assembly and fitting of gears to customers' specification.

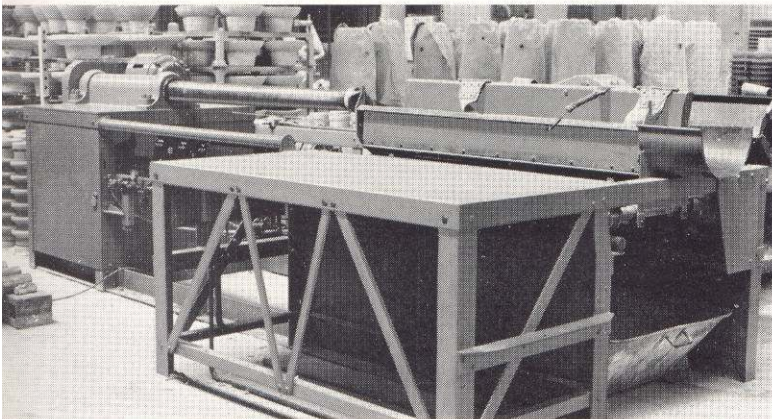




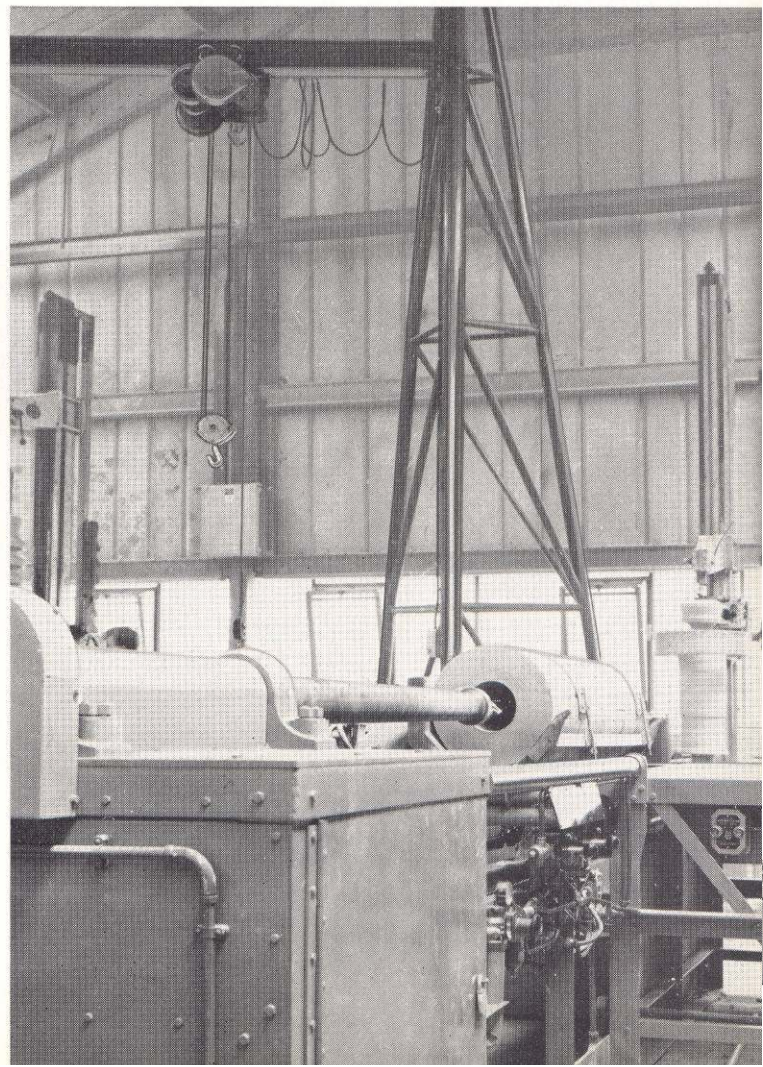
## Special Purpose Machinery

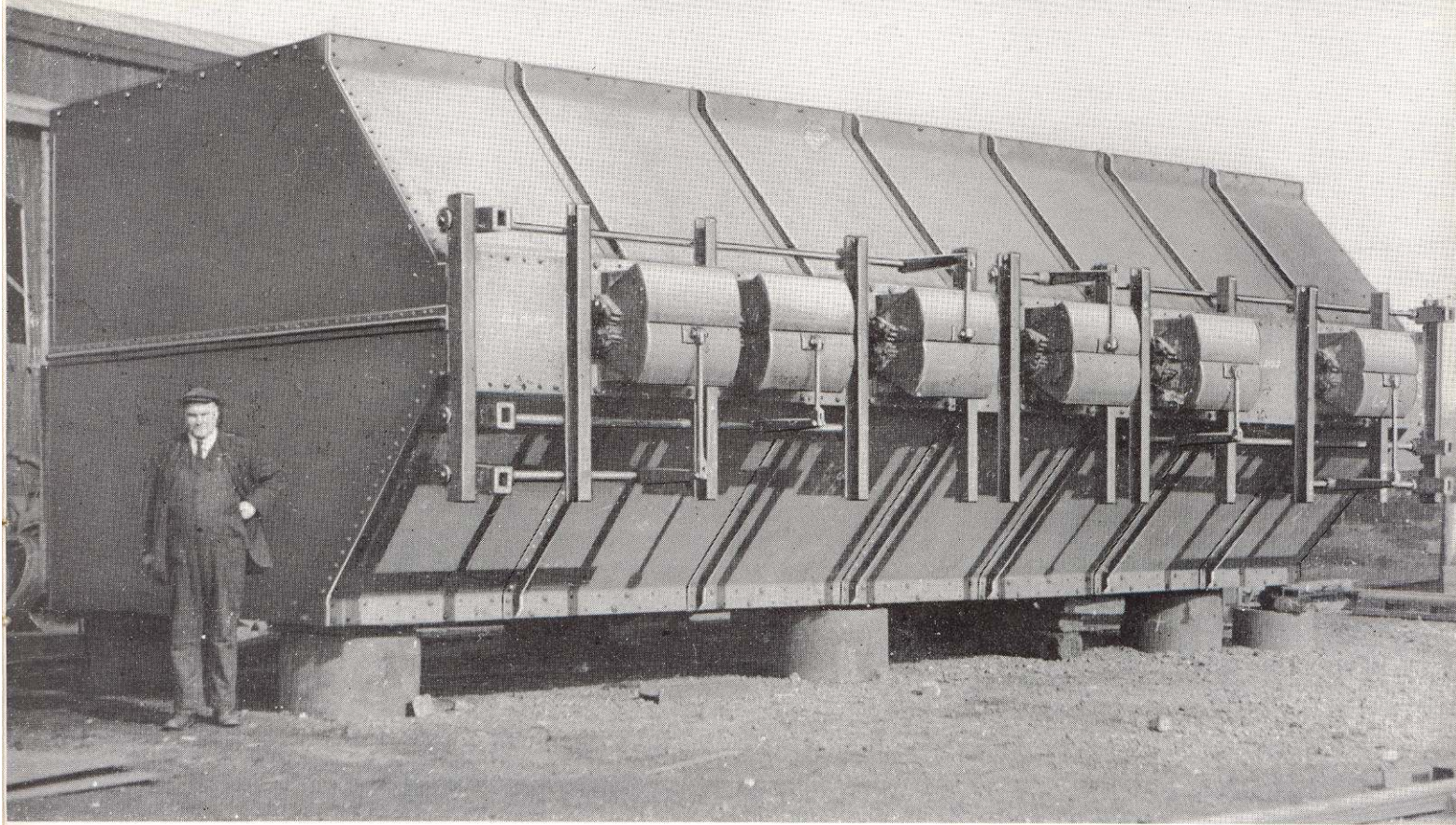
The above illustration shows shaft-turning lathe, 28 ft. 0 in. between centres, shows a FORGED STEEL SHAFT, machined complete, being crack-detected before despatch.

## Clay Boring Machine



Clay Boring Machine and Tubular Steel Crane with 90° traverse, completely built and installed to the design and specification of Messrs. Doulton Industrial Porcelains Ltd. Technical assistance in design modification by Thompson & Southwick.



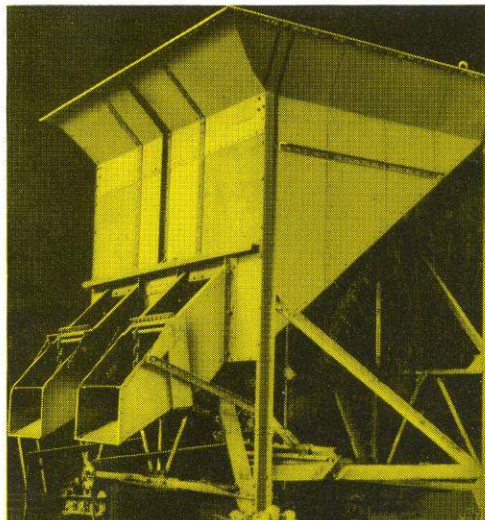


## **Coal Bunkers**

This page gives an indication of our capacity for the manufacture of COAL and REFUSE BUNKERS.

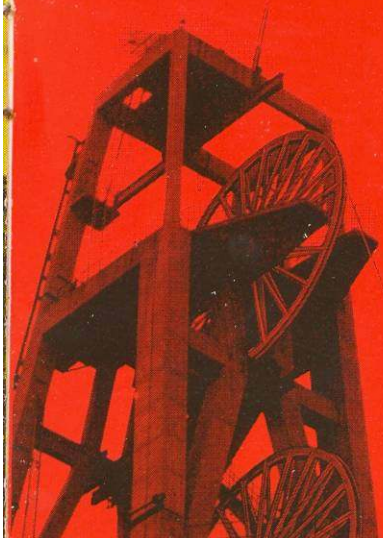
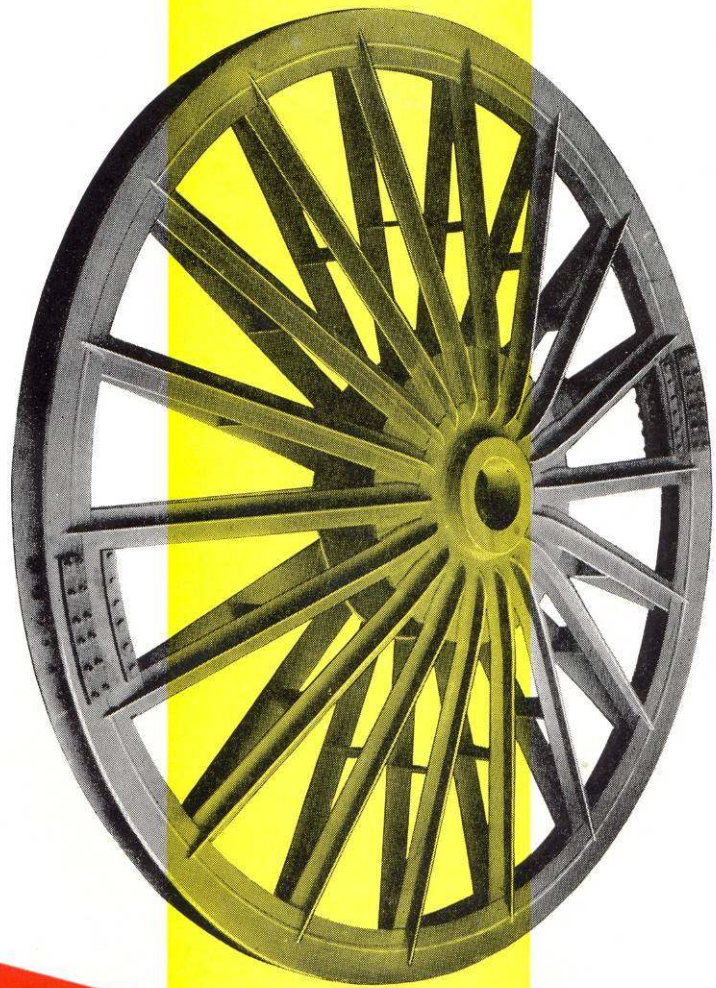
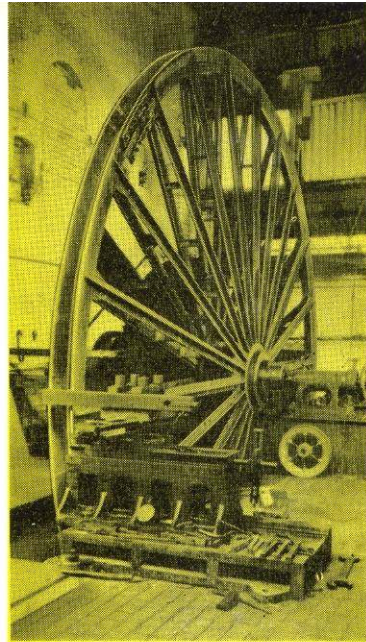
The bunkers illustrated were built in our fabricating departments and erected on site.

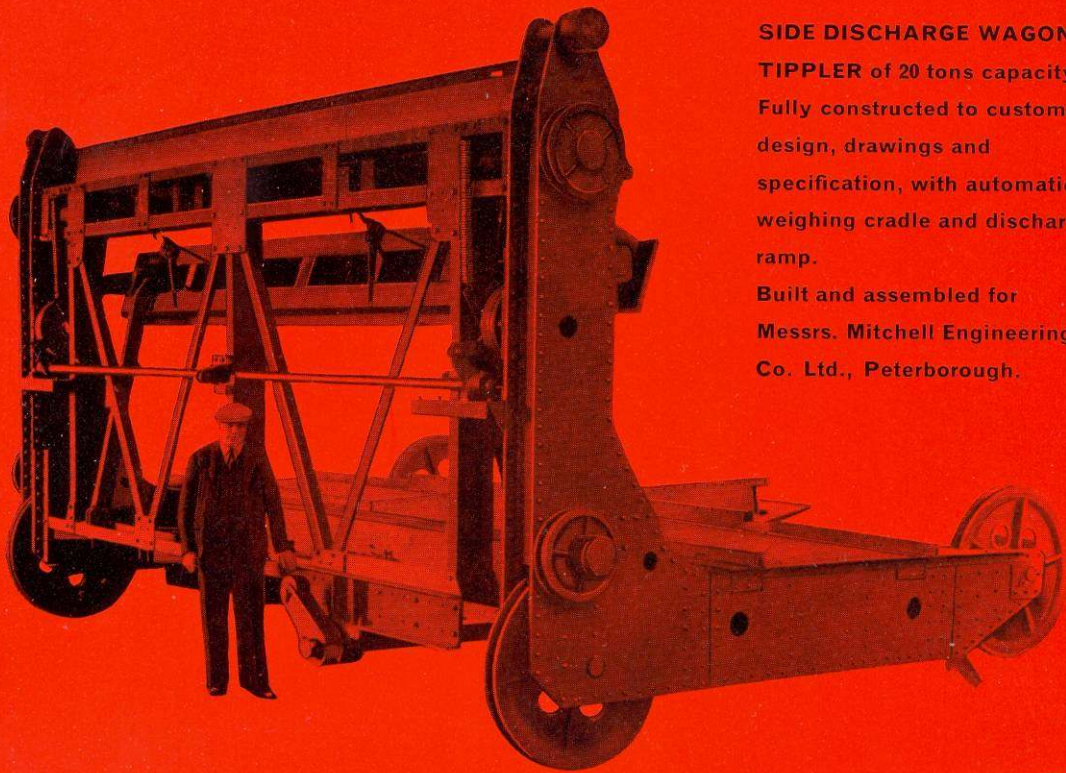
May we quote for YOUR requirements?



## Welded Pulleys

These have long been a speciality with THOMPSON & SOUTHWICK. All pulleys are designed, manufactured and erected to conform with N.C.B. specifications.





**SIDE DISCHARGE WAGON  
TIPPLER** of 20 tons capacity.  
Fully constructed to customer's  
design, drawings and  
specification, with automatic  
weighing cradle and discharge  
ramp.  
Built and assembled for  
Messrs. Mitchell Engineering  
Co. Ltd., Peterborough.

## **Constructional Engineering**

**AERIAL ROPEWAY  
STATION**  
complete with pulley  
fabricated and assembled  
to customer's design  
and specification.



## Pit Cages

Of Mild Steel construction with  
Fabricated or Forged Steel Cage  
Hangers.

**1**  
**2**  
**3** OR  
**4** DECKS

Manufactured throughout to  
National Coal Board specification.



DOUBLE-DECK PIT CAGE  
suitable for standard automatic  
mine car controls.

