

BOARD OF TRADE

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*The Report on the
Census of Production
for 1954*

Volume 4: Industry G

MECHANICAL HANDLING EQUIPMENT



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The Report on the Census of Production for 1954

VOLUME 4 INDUSTRY G

MECHANICAL HANDLING EQUIPMENT

THIS REPORT on the Mechanical Handling Equipment Industry relates to establishments engaged wholly or mainly in the manufacture of cranes, lifts, hoists, elevators (other than agricultural), escalators, belt or chain conveyors (other than for mines), excavating and dredging machinery (cable-way dragline and dredge etc. excavators). The manufacture of excavating machines of a type generally associated with civil engineering and contracting plant (e.g. bulldozers, trenching, ditching and similar digging machinery) is excluded, being covered by the report on the Mechanical Engineering (General) Industry (Volume 4, Industry I).

This industry corresponds to minimum list heading 69(7) in the Standard Industrial Classification.

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IMPORTANT NOTES and definitions appear on the next page. In interpreting the data in the tables, it is essential to bear these in mind.

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The following notes describe terms in general use in the tables of the report. More detailed explanations of the terms used and a description of the scope and method of taking the census are given in the separate booklet entitled 'The Report on the Census of Production for 1954 - Introductory Notes' (price 1s. 6d. net).

Industrial Classification: Establishments are classified to industries according to the nature of their output and, as far as possible, in conformity with the Standard Industrial Classification. Certain products are identified as the principal products of individual industries, the principal products for a given industry being of a similar nature or commonly associated in production. The principle of classification normally followed is that an establishment is classified to an industry if its output of the principal products of that industry accounted for a greater proportion of the value of its output than did its output of the principal products of any other industry.

Specialist producers normally comprise those establishments 50 per cent. or more of whose total output by value is accounted for by the characteristic products of the specialist group.

Intermediate products: For some industries figures are given showing the total quantities made during the year of intermediate products, i.e., products which may be further processed in the establishments in which they are produced.

Larger establishments: The information given in the report relates mainly to 'larger establishments' i.e., establishments of firms employing on the average more than 10 persons. In most cases an establishment comprises the whole of the premises under the same ownership or management at a particular address (e.g., a mine or factory). Offices, warehouses, laboratories and other ancillary places of business situated apart from the producing works are not regarded as separate establishments and are included in the return for the works.

Small firms are those employing on the average 10 or fewer persons.

The estimates for the industry as a whole given in Table 1 are normally obtained by increasing the other items shown in the same proportion as total employment.

Gross output (production) is the total value of goods made and other work done during the year; it is obtained by adjusting the value of sales and work done during the year for changes in the value of stocks of products on hand for sale and work in progress.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of materials and fuel used, the amount paid for work given out and, for 1951 and 1954, any transport payments made. This represents the value added to materials by the process of production, and constitutes the fund from which wages, salaries, rents, rates and taxes, advertising and other selling expenses and all other similar charges have to be met, as well as depreciation and profits.

Sales means sales during the year of goods made in the establishment covered by the return or made on commission for it, whether produced in the year or not. The value of sales is the net selling value, i.e., the amount charged to customers, whether on an ex-works or delivered basis, and net of any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc. For goods charged on a delivered basis to customers overseas, firms were required to give the f.o.b. value.

Materials and fuel: The total cost of materials and fuel purchased includes all purchases during the year of materials for use in production, and of fuel (includ-

ing oil, gas and electricity) for all purposes; packing materials, including the full cost of returnable cases when first purchased; workshop and office materials; water charges; materials for repairs to buildings, plant and vehicles when carried out by firms' own work-people included in their returns; consumable tools; and parts for machinery purchased as replacements. Purchases of goods for merchanting are excluded. The cost of materials and fuel used, given in Table 2, is obtained by adjusting purchases for changes during the year in the value of stocks.

Stocks: Firms were required to give stocks of materials and fuel, products on hand for sale, and work in progress, at income tax values.

Customs and Excise Duty paid on materials purchased is normally included in the cost of materials. Finished goods are similarly valued as they were sold, duty-paid or duty-free. The net amount of any duty paid is deducted in arriving at net output.

Employment: Total employment includes working proprietors, administrative, technical and clerical employees, and operatives, but excludes outworkers, canteen employees and persons engaged in merchanting or any other activity not covered by a firm's return, who are shown separately as excluded employees. Employees are persons on the pay-roll (i.e., persons whose National Insurance cards were held by employers), whether employed full-time or part-time.

Working proprietors are proprietors of businesses other than limited companies, together with members of their families who worked in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded. For Northern Ireland directors of limited companies (other than those paid by fee only) are also included.

Administrative, technical and clerical employees include directors, other than those paid by fee only (except in Northern Ireland); managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; travellers; and office (including works office) employees.

Operatives include all other classes of employees, i.e., broadly speaking, all manual workers.

Outworkers are persons employed by the firm who work on materials supplied by the firm in their own homes.

Wages and salaries include all overtime payments, bonuses and commissions without any deductions for income tax, insurances, contributory pensions etc. They exclude payments to working proprietors.

Capital expenditure includes expenditure on new building work, and on plant, machinery and vehicles, charged to capital account during the year, including any transport and installation costs involved. It includes expenditure in respect of establishments in Great Britain which had not begun production before the end of the year (which has not previously been included in the Census of Production reports for individual industries).

Symbols used:

- .. for not available
- for nil or negligible (less than half the final digit shown).

Where figures are rounded, e.g., given to the nearest £ thousand, there may be apparent slight discrepancies between the sums of constituent items and the totals shown. In some cases, figures have been combined with others of a similar nature where publication of separate details might disclose information relating to an individual undertaking.

Industry summary

Estimates for the industry as a whole

TABLE 1

	United Kingdom			Scotland 1954	Wales 1954 (a)
	1948	1951	1954		
Gross output (production)	£ million 31.5	£ million 44.2	£ million 60.7	£ million 6.40	£ million ..
Net output	16.2	21.8	31.5	3.26	..
Total stocks and work in progress					
At beginning of year	10.6	16.1	26.1	2.17	..
Change during year	+ 2.1	+ 3.6	+ 4.9	+ 0.10	..
Capital expenditure less disposals (b)	0.7	1.5	1.7	0.14	..
Wages and salaries	9.6	12.8	17.2	1.81	..
Total employment (including working proprietors)	Thousands 29.3	Thousands 31.6	Thousands 34.4	Thousands 4.10	Thousands ..

(a) Owing to the risk of disclosure of information relating to individual firms separate particulars cannot be given.

(b) Capital expenditure on new building work, and on plant, machinery and vehicles (including (except in 1948) that incurred in Great Britain for establishments not yet in production), less amounts received for plant, machinery and vehicles disposed of.

Summary of returns received

TABLE 2

	Unit	Great Britain 1948	United Kingdom	
			1951	1954
FIRMS EMPLOYING ON AVERAGE MORE THAN 10 PERSONS				
Number of establishments	No.	162	186	207
Total value of sales and work done	£'000	29,938	41,737	55,233
Products on hand for sale	"	7,254	12,322	19,921
{ at beginning of year	"	1,642	2,339	5,224
{ change during year	"	31,291	44,076	60,457
Gross output (production) (a)	"	31,291	44,076	60,457
Purchases of materials and fuel	"	15,470(b)	22,749	27,178
Stocks of materials and fuel	"	3,235	3,678	6,097
{ at beginning of year	"	427	1,215	345
{ change during year	"	15,044(b)	21,534	27,523
Cost of materials and fuel used	"	182	249	925
Payment for work done on materials given out	"	288	568	692
Payment for transport (c)	"	16,066(b)	21,725	31,318
Net output	"	22,405	23,752	25,348
Average number of employees	{ operatives { others	6,714(d)	7,774	8,854
Total employment (e)	"	29,124	31,536	34,209
Net output per person employed (e)	£	552(b)	689	915
Wages and salaries	{ of operatives { of others	£'000 6,890	9,135	12,232
Capital expenditure	"	2,611	3,594	4,927
New building work (f)	"	146	356	486
Plant and machinery	{ acquisitions (f) { disposals	" 471	721	994
Vehicles	{ acquisitions (f) { disposals	" 19	34	23
	"	66	162	240
	"	12	30	59
FIRMS EMPLOYING ON AVERAGE 10 OR FEWER PERSONS				
Number of returns	No.	19	12(g)	19
Total employment, including working proprietors	"	129	90(g)	127

(a) For the year 1948 gross output excludes payments for transport services outwards on finished goods sold. For subsequent years gross output includes payments to other firms and undertakings and to firms' own separate transport organisations for transport services.

(b) Corrected figures.

(c) Payments to other firms and undertakings and to firms' own separate transport organisations. For the year 1948 payments cover only transport outwards of finished goods sold. For subsequent years they cover payments for transport of both finished goods sold and materials and fuel purchased.

(d) Number in week ended September 25, 1948.

(e) Excluding outworkers and including working proprietors.

(f) Excluding expenditure for establishments not yet in production.

(g) Excluding Northern Ireland. No information about small firms was collected in Northern Ireland for 1951.

MECHANICAL HANDLING EQUIPMENT

Analysis by size, 1954

Larger establishments in the United Kingdom

TABLE 3

Average number employed (a)	Estab-lish-ments	Gross output	Net output	Employees		Wages and salaries		Capital expenditure (b)	Net output per person employed (a)
				Operatives	Others	Operatives	Others		
	Number	£'000	£'000	Number	Number	£'000	£'000	£'000	£
11 - 24 (c)	47	1,413	750	590	224	282	140	44	920
25 - 49	53	2,553	1,370	1,414	439	602	251	97	737
50 - 99	36	3,952	2,169	1,924	599	831	366	125	860
100 - 199	34	8,875	4,311	3,719	1,330	1,758	809	171	854
200 - 299	7	2,563	1,424	1,461	357	646	217	53	783
300 - 399	13	8,368	4,345	3,201	1,244	1,524	722	289	978
400 - 499	3	2,069	1,356	1,040	307	500	172	21	1,007
500 - 749	7	5,883	3,718	2,845	1,045	1,245	581	168	956
750 - 1,499	4	9,819	4,850	3,389	1,273	1,838	770	306	1,042
1,500 and over	3	14,964	7,024	5,765	2,036	3,007	899	447	889
Total	207	60,457	31,318	25,348	8,854	12,232	4,927	1,719	915

(a) Excluding outworkers and including working proprietors.

(b) Capital expenditure on new building work and on acquisition of plant, machinery and vehicles, excluding expenditure for establishments not yet in production.

(c) Including a small number of establishments, with fewer than 11 persons employed, particulars of which were included with those for larger establishments on a single return.

Analysis according to specialisation within the industry, 1954

Larger establishments in the United Kingdom

TABLE 4

	Unit	Specialist producers of		Remainder of the industry	Total
		Cranes and bridge transporters	Lifts and escalators		
Number of establishments	No.	31	50	126	207
Total value of sales and work done	£'000	23,094	8,649	23,490	55,233
Sales of characteristic products	"	17,147	6,290		
Products on hand for sale	"	5,517	3,242	11,163	19,921
and work in progress	"	271	134	4,819	5,224
Gross output (production)	"	23,364	8,784	28,309	60,457
Purchases of materials and fuel	"	11,161	2,974	13,043	27,178
Stocks of materials and fuel	"	2,130	1,180	2,787	6,097
at beginning of year	"	93	157	96	345
change during year	"	-	-	-	-
Cost of materials and fuel used	"	11,254	3,131	13,139	27,523
Payment for work done on materials given out	"	216	124	585	925
Payment for transport	"	294	47	351	692
Net output	"	11,601	5,483	14,234	31,318
Average number of employees	No.	8,337	4,293	12,718	25,348
{operatives	"	2,886	1,720	4,248	8,854
{others	"	11,223	6,017	16,969	34,209
Total employment (a)	"	1,034	911	839	915
Net output per person employed (a)	£				
Wages and salaries	£'000	3,921	2,124	6,187	12,232
{of operatives	"	1,556	1,050	2,321	4,927
{of others	"				
Capital expenditure	"				
New building work (b)	"	147	26	313	486
Plant and machinery	"	480	50	464	994
{acquisitions (b)	"	17	2	4	23
{disposals	"	60	33	147	240
Vehicles	"	16	10	32	59
{acquisitions (b)	"				
{disposals	"				

(a) Excluding outworkers and including working proprietors.

(b) Excluding expenditure for establishments not yet in production.

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MECHANICAL HANDLING EQUIPMENT

Sales of the principal products of the industry, including sales of these products by establishments classified to other industries

Larger establishments in the United Kingdom

TABLE 5

Kind of output (i) Complete machines (ii) Parts	1951		1954		
	Quantity	Value	Quantity	Value	Entries
	Number	£'000	Number	£'000	Number
Mechanical handling equipment, new, other than civil engineering and contracting machinery and plant, industrial trucks and mining machinery					
Aerial transporters, with or without hoisting gear (i.e. aerial ropeways, cableways, cableway dragline excavators, telfers and runways) and rope-hauled dragcrappers	{(i) .. {(ii) ..	346 246	.. ..	769 380	14 29
Conveyers and elevators, other than hay and corn elevators					
Belt	{(i) .. {(ii) ..	2,785 561	.. ..	4,362 963	112 96
Other	{(i) .. {(ii) ..	5,154 1,611	.. ..	6,317 1,284	139 119
Cranes and bridge transporters					
Jib					
Derrick (Scotch and guy) and other fixed base (including wall and fixed base mono-tower)	{(i) .. {(ii) ..	397 ..	.. ..	385 1,323	27 20
Travelling; rail wheel, road wheel (self-propelled) and track mounted	{(i) 2,338 {(ii) ..	9,340 1,299	.. ..	9,340 1,299	25 30
Overhead travelling (including bridge transporters and goliath cranes)	{(i) .. {(ii) ..	14,233(a) 2,043(a)	.. ..	6,596 845	59 53
Other	{(i) .. {(ii) ..	555 ..	.. ..	292 297	38 40
Hoists, other than skip hoists, and other lifting machinery					
Electric hoist blocks	{(i) { {(ii) {	6,714 181 119	1,004	5,555 158 180	874 158 180
Pulley blocks, hand operated	{(i) { {(ii) {	115,065 .. 134	905 251 ..	62,055 807 709	807 709 130
Builders' hoists	{(i) { {(ii) {	2,242 .. 87	440	2,052 388 112	224 388 112
Winches and capstans	{(i) { {(ii) {	10,624 .. 196 493	2,927	16,940 1,031 650	3,749 1,031 650
Other, including windlasses, reels, gin wheels, hooks, dogs and slings	{(i) .. {(ii) ..	1,343 188	.. ..	1,585 283	53 30
Lifts and escalators					
For passengers	{(i) { {(ii) {	1,150 .. 980	2,354	1,699 .. 797	3,735 797
For goods	{(i) { {(ii) {	2,303 .. 724	1,995	4,860 .. 608	2,436 448 608
Unclassified	{(i) .. {(ii) ..	88 114	....	....	....
Other new mechanical handling equipment, including skip hoists and wagon tippers	{(i) .. {(ii) ..	2,430 458	4,060 730	91 59
Mechanical handling equipment, reconditioned	{(i) .. {(ii) ..	316 114	317 99	38 99

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TABLE 5 (contd.)

Kind of output (i) Complete machines (ii) Parts	1951		1954		
	Quantity	Value £'000	Quantity	Value £'000	Entries Number
Waste products, other than scrap metals	..	2	..	3	13
Installation work	..	78	..	82	..
Repair and jobbing work (b) (c)	..	2,565	..	2,546	83
Work done for the trade or on commission (b)	..	60	..	70	17
Total		47,527		62,687	..
Sales in other industries (see Table 6)		12,254		15,626	..
Principal products of this industry sold by establishments in the industry		35,272		47,061	177

(a) Recorded as:

	Number	£'000
Cranes		
Dock, harbour, wharf and shipyard	{ (i) 227 (ii) ..	{ 2,648 76 203
Road, wheel or track mounted (i.e., mobile)	{ (i) 2,097 (ii) ..	{ 3,913 744
Overhead travelling, including bridge transporters and goliath types	{ (i) 1,910 (ii) ..	{ 5,458 190 809
Other	{ (i) 1,237 (ii) ..	{ 1,877 71 287

(b) Amount charged.

(c) Exclusive of the value of goods used by firms and recorded as their output.

Sales of principal products of the industry by establishments classified to other industries

Larger establishments in the United Kingdom

TABLE 6

Kind of output (i) Complete machines (ii) Parts	1954			Principal industries in which produced (a)
	Quantity	Value £'000	Entries	
Mechanical handling equipment, new, other than civil engineering and contracting machinery and plant, industrial trucks and mining machinery	Number	£'000	Number	
Aerial transporters, with or without hoisting gear (i.e. aerial ropeways, cableways, cableway dragline excavators, telfers and runways) and rope-hauled drag scrapers	{ (i) .. (ii) ..	{ 531 280	{ 7 22	{ 4C, 4F, 4I, 4J
Conveyers and elevators, other than hay and corn elevators	{ (i) .. (ii) ..	{ 2,009 446	{ 66 60	{ 4C, 4F, 4I, 4J
Belt	{ (i) .. (ii) ..	{ 1,771 490	{ 88 79	{ 4F, 4I, 4J, 4K
Other	{ (i) .. (ii) ..	{ 1,771 490	{ 88 79	{ 4F, 4I, 4J, 4K
Cranes and bridge transporters				
Jib	{ (i) 297 (ii) ..	{ 1,187 357 292	{ 10 23	{ 4F, 4I
Overhead travelling (including bridge transporters and goliath cranes)	{ (i) 35 (ii) ..	{ 463 752 345	{ 13 26	{ 4C, 4D, 4F, 4I
Other	{ (i) 355 (ii) ..	{ 82 88 120	{ 17 25	{ 4F, 4I, 4J

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TABLE 6 (contd.)

Kind of output (i) Complete machines (ii) Parts	1954			Principal industries in which produced (a)
	Quantity	Value £'000	Entries	
Mechanical handling equipment, new, other than civil engineering and contracting machinery and plant, industrial trucks and mining machinery (contd.)	Number	£'000	Number	
Hoists, other than skip hoists, and other lifting machinery				
Electric hoist blocks	{ (i) 64 (ii) ..	{ 17 93 5	{ 6 9	{ 4C, 4D, 4I
Pulley blocks, hand operated	{ (i) 8,985 (ii) ..	{ 50 303 6	{ 10 7	{ 4C, 4F, 4I, 4J
Builders' hoists	{ (i) 585 (ii) ..	{ 90 11 22	{ 10 ..	{ 4C, 4F, 4I, 4J
Winches and capstans	{ (i) 12,841 (ii) ..	{ 772 873 126	{ 31 21	{ 4B, 4I, 4J, 4K
Other, including windlasses, reels, gin wheels, hooks, dogs and slings	{ (i) .. (ii) ..	{ 178 9	{ 25 14	{ 4F, 4I, 4K, 5C
Lifts and escalators				
For passengers	{ (i) 274 (ii) ..	{ 574 39	{ 8 10	{ 4F, 4I, 4J
For goods	{ (i) 372 (ii) ..	{ 315 395 45	{ 26 24	{ 4F, 4I, 4J, 4K
Other new mechanical handling equipment, including skip hoists and wagon tippers	{ (i) .. (ii) ..	{ 1,798 376	{ 51 39	{ 4C, 4F, 4I, 5F
Mechanical handling equipment, reconditioned	{ (i) .. (ii) ..	{ 157 50	{ 22 25	{ 4F, 4I, 4J
Repair and jobbing work (b)	..	106	7	
Total		15,626	..	

(a) The volume number and industry references given are to the industries shown in the list at the back of this report.

(b) Amount charged exclusive of the value of goods used by firms and recorded as their output.

Sales in the industry of other than principal products: Larger establishments in the United Kingdom

TABLE 7

	1954	
	Quantity	Value £'000
Machinery and plant, and parts		
Boilers and boiler-house plant	..	218
Mining machinery	..	222
Pumps	..	740
Civil engineering and contracting machinery and plant	..	1,355
Coal preparation plant	..	469
Marine machinery	..	137
Other	..	2,428
Castings, in the rough or machined	..	289
Tractors and industrial trucks, complete and parts		
Hand trucks and trolleys	..	171
Other	..	205
Arms, ammunition and naval, military, and airforce stores	..	142
Iron and steel, fabricated	..	201
Other goods	..	1,317
Scrap metals sold		
Iron	..	102
Other	..	113
Constructional engineering (a)	..	34
Other work done (a)	..	30
Total		8,172

(a) Amount charged.

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MECHANICAL HANDLING EQUIPMENT

Total make of certain intermediate products
Larger establishments in the United Kingdom

TABLE 8

	Returned in this industry		
	1951	1954	
	Quantity	Quantity	Entries
	Th. tons	Th. tons	Number
Other than principal products			
Iron castings (a)			
Grey and high duty	31.4	24.5	24
Malleable (white or black heart)			2.4	9

(a) For total output in all industries see the Iron Foundries Industry (Volume 3, Industry C).

Purchases of materials and fuel, 1954
Larger establishments in the United Kingdom

TABLE 9

	Quantity	Cost
	Th. tons	£'000
Materials		
Iron and steel		
Drop forgings	0.8	153
Wrought tubes and fittings for wrought tubes	3.1	298
Fabricated bridge components and other structural iron and steelwork	17.6	1,658
Wire (single wire)	0.5	31
Wire manufactures, including wire cables and ropes and stranded wire of two or more ply	1.3	178
Chains		
Transmission and conveyer types	0.2	68
Other chains	0.8	132
Iron and steel scrap	12.2	97
Other iron		
Pig-iron, except refined pig-iron	15.8	264
Castings in the rough or machined, except machined castings elsewhere specified	14.3	1,063
Other iron, except finished parts	3.6	168
Ferro-alloys	0.1	11
Other steel (alloy and non-alloy)		
Ingots, blooms, billets, slabs, and sheet and tinplate bars	1.0	45
Angles, shapes, sections, bars, rods (including wire rods) and girders, beams and joists (not fabricated)	71.4	2,681
Castings in the rough or machined, except machined castings elsewhere specified	9.8	1,205
Forgings, except drop-forgings, in the rough or machined, except machined forgings elsewhere specified	2.2	365
Tin-, terne-, and black-plates, and tinned and terne sheets	0.5	22
Other plates and sheets, 1/8 inch thick and over, and hoop and strip (including tape) of all thicknesses	24.6	949
Other plates and sheets under 1/8 inch thick, including electrical quality sheets	5.5	229
Axles, tyres and wheels (rail type)	0.6	61
Springs, laminated and other types	..	115
..	..	38
Light metals and other non-ferrous metals in all forms, except finished parts, wire and scrap	Th.cwt.	
Aluminium and aluminium alloys	12.7	256

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TABLE 9 (contd.)

MECHANICAL HANDLING EQUIPMENT

	Quantity	Cost
	Th.cwt.	£'000
Materials (contd.)		
Light metals and other non-ferrous metals in all forms, except finished parts, wire and scrap (contd.)		
Brass and other alloys of copper, including nickel silver and cupro-nickel, but excluding other nickel alloys		
Castings	16.0	303
Other	..	65
Copper	14.6	202
Lead and alloys of lead, except solder	4.2	71
Other, including magnesium, antimony, tin and zinc	..	8
Non-ferrous metal wire, not insulated	1.5	5
Soft solder	..	15
Insulated wires and cables	1.3	25
Rubber in all forms, including finished parts	..	4
Refractory materials	..	2
Asbestos in all forms, including finished parts and other thermal insulating materials	3.3	305
Paint, enamel and varnish	..	62
Lubricating oils and greases (including cutting oil and emulsions)	..	185
Timber	Th. tons	
Hardwood and softwood	4.0	20
Plywood, including battenboard, blackboard and laminboard	..	99
Nuts, bolts, studs, screws, rivets, washers, nails, tacks, etc.	..	192
Purchased components for incorporation in own products	Th. gal.	
Ball and roller bearings and parts	139.5	38
Internal combustion engines	..	14
Electric motors	Th. cu. ft.	
Pumps	164.0	119
Industrial valves	..	40
Gears and gear wheels of metal	Th. sq. ft.	
Measuring instruments and gauges and parts	177.5	15
Electronic (including valves)	..	2
Other	..	583
Other purchased components	Thousands	
Finished components of plastic materials	1.5	409
Other, not elsewhere specified	..	186
Replacement parts	13.2	871
Consumable tools, including gauges, etc. bought as replacement	..	775
Packaging materials	1.2	24
Paper and paperboard, and cardboard boxes, fibreboard packing-cases, etc.	..	9
Timber and timber packing-cases, etc.	..	113
Jute piece goods, including hessian, and jute sacks and bags	..	502
Other packing materials	..	2
All other purchased materials	..	36

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TABLE 9 (contd.)

	Quantity	Cost
	Th. tons	£'000
Fuel and electricity		
Coal	37.0	139
Coke	24.7	151
Liquid fuel (including creosote/pitch mixtures)		
For use in internal combustion engines	Th. gal.	
Motor spirit (petrol) for use in road vehicles, and derv. fuel	470.0	96
Other	37.2	3
For burning in furnaces, boilers, kilns, etc.	620.7	30
Gas purchased	Th. therms	
From Gas Boards	1,661.5	76
From other sources, including other departments of the same firms	..	12
Electricity purchased (a)	Th. kWh.	
From Electricity Boards	47,308	284
From other sources, including other departments of the same firms	..	38
All other purchased fuel		11
Total cost		27,178

(a) Owing to the risk of disclosure of information relating to individual firms separate particulars cannot be given about the total quantity of electricity generated in firms' own establishments in 1954

Average number of employees and wages, salaries and superannuation payments (a)

Larger establishments in the United Kingdom

TABLE 10

	1951	1954
	Number	Number
Average number of employees		
Operatives	23,752	25,348
Administrative, technical and clerical employees	7,774	8,854
Total	31,526	34,202
Wages and salaries paid to	£'000	£'000
Operatives	9,135	12,232
Administrative, technical and clerical employees	3,594	4,927
Total	12,729	17,159
Wages and salaries per head	£	£
Operatives	385	483
Administrative, technical and clerical employees	462	556

(89008)

TABLE 10(contd.)

	1951	1954
		£'000
Superannuation and other pension funds for employees and dependents (b)		
Employers' contributions	..	299
Employees covered	..	Number 19,368
Pension, etc. payments to former employees and dependents	..	£'000 55

(a) The following persons, not included above, were also employed by larger establishments in this industry ('other workers' includes for example, employees engaged in merchanting). Payments to outworkers are also shown:

	1951	1954
	Number	Number
Canteen workers		
Male	12	10
Female	202	204
Total	214	214
Other workers		
Male	45	199
Female	22	43
Total	67	242
Total excluded employees	281	456
Outworkers	2	48
Payments to outworkers	£'000	£'000
		14

(b) The figures given relate to larger establishments in Great Britain only.

Employment in a specified week (a)

Larger establishments in the United Kingdom

TABLE 11

	1951			1954		
	Males	Females	Total	Males	Females	Total
	Number					
Working proprietors	10	-	10	7	-	7
Operatives	22,609	956	23,565	24,601	918	25,519
Administrative, technical and clerical employees	5,620	2,191	7,811	6,410	2,566	8,976
Total employees	28,229	3,147	31,376	31,011	3,484	34,495

(a) Week ended September 22, 1951, or October 30, 1954.

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