

managing director, Mr. R. H. Cook, are producing a comprehensive range of articles associated with the equipment of these plants. One outstanding item is the R.H.C. aerodrome floor crane.

Desoutter Bros., Ltd., The Hyde, Hendon, London N.W.9. (Stand No. 76.)

—This company specialises in portable electric and pneumatic tools. Their electric drill guns, of which there are now several new models, range from 3/16 in. to 5/16 in. capacity tools, and are of extraordinarily low weight, e.g., 2½ lb. for a 3/16 in. drill running at 5,000 r.p.m. There are also two examples of the useful corner drill gun for inaccessible positions, together with the electric screw gun, for high-speed screwdriving and nut running. Finally, there is a full range of heavy-duty machines up to 1½ in. capacity.

On the pneumatic side, there is a range of drills from 3/16 in. machines weighing only 2 lb. to ¾ in. types weighing 3 lb. There is also a pneumatic screwdriver and high-speed grinders.

Felco Hoists, Ltd., 17, Victoria Street, London, S.W.1. (Stand No. 73.)—The Felco exhibits consist of all-steel triple-gear chain blocks, travelling trolleys and travelling chain blocks, and "Rope-lock" rope pulley hoists. In the triple gear chain blocks all castings have been superseded by solid steel parts. The chief feature of the travelling chain block is the very short headroom required.

Kurt Erlach, Ltd., 2, Melior Street, London, S.E.1. (Stand No. 69.)—The main exhibit of Kurt Erlach, Ltd., is their portable electric Volspray 1A/2 painting equipment, as used at a number of British and foreign aerodromes. Although very compact, it operates a full-sized gun for dopes, paints and varnishes. Larger models and allied equipment are also shown.

Lacy-Hulbert and Co., Ltd., Beddington, Croydon. (Stand No. 60.)—Perhaps the most interesting item on the Lacy-Hulbert stand is the portable petrol-driven compressor set. Sets of this type have been supplied to Imperial Airways for riveting and spraying. There are, in addition, stationary and portable air compressors of different sizes and for a variety of uses, together with air filters, gauges, cocks and hose.

Morris and Ingram, 26, Finsbury Square, London, E.C.2. (Stand No. 2.)

Engine-reconditioning equipment will

Large-capacity Zwicky refuelling units, as used by the R.A.F. Zwicky Ltd. are exhibiting on Stand 35.



form the display of this firm, which represents British and American manufacturers in Europe and North Africa. Hall-brand tools will be eccentric valve seat grinders, hand- and power-operated valve seat inserter sets, valve seat dial gauge, cylinder ridge reamer, abrasive cloth hones, and cylinder hones. There will be, in addition, a Sioux valve grinding machine, and a B.T.S. connecting rod aligner.

John B. Pillin, Ltd., Beckenham, Kent. (Stand No. 71.)—Air compressors and lubricating equipment are produced by this company, which is exhibiting its two-stage two-cylinder 24 cu. ft. compressor suitable for operating drills, screwdrivers, blow guns, hammers, etc. There is also a portable combined compressor and chassis lubricator, and a combination penetrating oil sprayer and blow gun.

Aerograph Co., Ltd., Lower Sydenham, London, S.E.26.—Pioneers in spray painting, this company is producing a plant known as the Aerograph type A.D. Portable, which is ideal for refinishing aeroplanes or for aerodrome maintenance purposes. The De Vilbiss type MBC spray gun is another item which is used extensively in aeroplane factories for the application of dope.

Ingersoll-Rand Co., Ltd., 165, Queen Victoria Street, London, E.C.4.—Apart from the contractors' heavy air-compressors for which it is so well known, this company makes workshop compressors for such purposes as dope and paint spraying, tyre inflation, engine cleaning, and the operation of small pneumatic tools. It has supplied a number of 5 h.p. two-stage air compressors to aerodromes, and also deals in small multi-vane drills and grinders.

Wm. Turner and Bros., Ltd., Eyre Works, Sheffield.—Products of this company particularly suited to aerodrome use are the Kismet E.45 automatic compressor plant with Kismet 99A air tank outfit, Kismet trolley compressor, Kismet duoflator, Kismet Duplex foot pump, Kismet balloon-tyre pressure-gauge, and Kismet aero-tyre pressure-gauge.

Fuel and Oil Equipment

The Anglo-American Oil Co., Ltd., Westminster, London, S.W.1. (Stand No. 72.)—Although none of their actual products will be displayed, this company is receiving visitors and giving advice on the storage and distribution of their products at aerodromes.

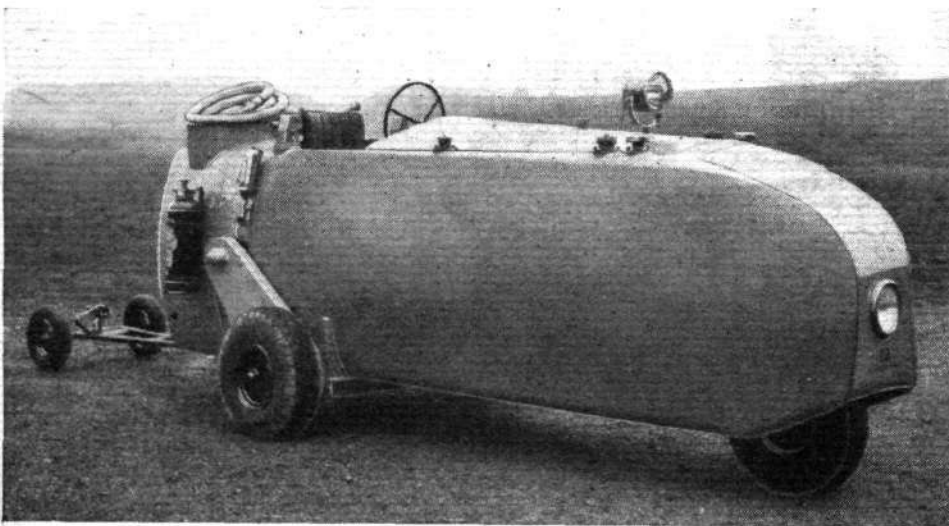
Hammond Pump and Equipment Co., Ltd., Victoria Road, London, N.W.10. (Stand No. 24.)—The Hammond Electroil meter for aerodrome use has a discharge arm fitted with a 360 deg. swivel enabling the hose to be taken up into the aeroplane. To fill an aero engine sump, the filler simply depresses the trigger lever after having started up the motor in the unit and delivers the exact quantity of oil.

Shell-Mex and B.P., Ltd., Strand, London, W.C.2. (Stand No. 8.)—There is an Avery-Hardoll electric metering pump on this stand, together with Aero Shell mobile lubricating equipment as employed on a number of aerodromes, and bottled specimens of lubricating oil.

Silvertown Lubricants, Ltd., West Silvertown, London, E.16. (Stand No. 33.)—This company is showing a new light type trolley to carry 10-gallon drums, a portable drum cover supplied with its 25-gallon drums and a sample of Speedolene aero engine oil. The carrier trolleys are loaned to clubs to aid in the dispensation of Speedolene engine oil.

The Streamline Filter Co., Ltd., Ingate Place, London, S.W.8. (Stand No. 36.)—The smallest vacuum-operated filter made by this company is exhibited, together with a model for small private aerodromes. This latter type is operated by compressed air. There is a model to show how the filtration is effected and the reversal process which relieves the filter of accumulations.

Superflexit, Ltd., Trading Estate, Slough, Bucks. (Stand No. 63.)—One of the main items on the Superflexit stand is a Zwicky hand-operated petrol pump, to which will be fitted a sample of 2 in. type F. heavy duty petrol hose, a sample of 1½ in. bore type W. petrol delivery hose, and a sample of 1½ in. type T. red oil delivery hose. All these types are used extensively by the R.A.F.



A typical mobile refuelling unit made by Thompson Bros. (Bilston) Ltd. (Stand No. 1).