

SELF-PROPELLED MOWER FOR BANK AND FLAT WORK HAS PUBLIC WORKS DEBUT

Full Range of Grass-Cutting Equipment Exhibited by Hayters

Hayters Ltd. of Spellbrook, Bishop's Stortford, Herts, have developed a new intermediate-sized rotary mower designed for cutting all types of grass-land areas, both flat and sloping. It was displayed on the company's stand Q32 at the Public Works Exhibition, Olympia, London (16-21 November).

The new machine, called the Hayter Osprey, is powered by a two-stroke JLO engine developing 6 b.h.p. at 3000 r.p.m.

The main frame of the mower is made of pressed steel folded for strength and rigidity. All working parts are guarded and the adjustable handlebars are made from mild steel tubing.

Drive to the rear wheels is via a worm reduction box and by final chain and sprocket set-up through a clutch mounted on the axle. There is a choice of forward speeds of 2.1 m.p.h. (3.36 k.p.h.) or 2.7 m.p.h. (4.32 k.p.h.).

When the clutch is disengaged, the mower is free to be hand-propelled.

Drive to the cutterhead is by vee belt direct from the engine.

The cutting mechanism comprises a heavy-duty bottom plate on to which are mounted four balanced cutter blades hinged to swing full circle away from obstructions. Cutting width is $23\frac{5}{8}$ (600 mm.).

Height of cut from 1 in. (25.4 mm.) to $3\frac{1}{2}$ (88.9 mm.) is controlled by altering two independent adjusters on the front wheels and by moving a single screw adjuster which controls the rear wheels.

The front wheels are 7 in. (177.8 mm.) by $1\frac{1}{2}$ (37.9 mm.) rubber-tyred units and the rear wheels are 12 in. (304.8 mm.) by 3 in. (75.8 mm.) units fitted with pneumatic tyres.

Dimensions of the mower are:

Height (with handlebars fully raised) 3 ft. 3 in. (990.6 mm.); width 2 ft. 2 in. (660 mm.); length 5 ft. 5 in. (166.6 mm.); and weight 154 lb. (57.4 k.).

Recommended selling price is £147.

Also on the stand was the recently announced Condor mower. This is a 30 in. self-propelled machine for rotary

or cylinder cutting with inter-changeable rotary and cylinder verge cutting attachments, developed to meet the demand from public authorities for a versatile machine to deal with rough grass as well as overgrown verges and lawns.

One of the main features is the rear drive, which is well inset within the 30 in. cut to keep the load-carrying wheels off the uncut grass.

The mower is powered by a MAG 258 c.c. four-stroke petrol engine developing 6.2 h.p. at the governed speed of 3000 r.p.m. Fuel consumption is approximately $2\frac{1}{3}$ pints (4.1 litres) an hour, and tank capacity is seven pints (12.3 litres).

Drive is by twin vee-belts from the engine to a bevel gear transfer box with two output shafts. One is fitted with a cone clutch and pulley providing drive to the cutting unit; the other providing vee-belt drive to a three speed and reverse gear box. Final drive is via roller chain from the gear box output-shaft to land wheels via an automotive type differential.

Maximum forward speeds are 2.15 m.p.h. (3.4 k.p.h.) in 1st gear; 3.23 m.p.h. (5.15 k.p.h.) in 2nd gear; 4.8 m.p.h. (7.7 k.p.h.) in 3rd gear; and the reverse maximum speed is 3.23 m.p.h. (5.16 k.p.h.).

The two 30 in. front end attachments are simple to fit and can be inter-changed in a matter of minutes.

The rotary attachment enables the mower to cope with a wide variety of conditions, especially when the grass areas have been seriously neglected.

The cylinder verge mower attachment, also specially designed for the Condor, incorporates a swivelling trunnion to enable it to follow ground contours to give a close cut.

The Condor's recommended selling price complete with rotary attachment is £280—or complete with cylinder verge attachment £313. The rotary attachment by itself is £60, and the cylinder verge attachment by itself is £93.