



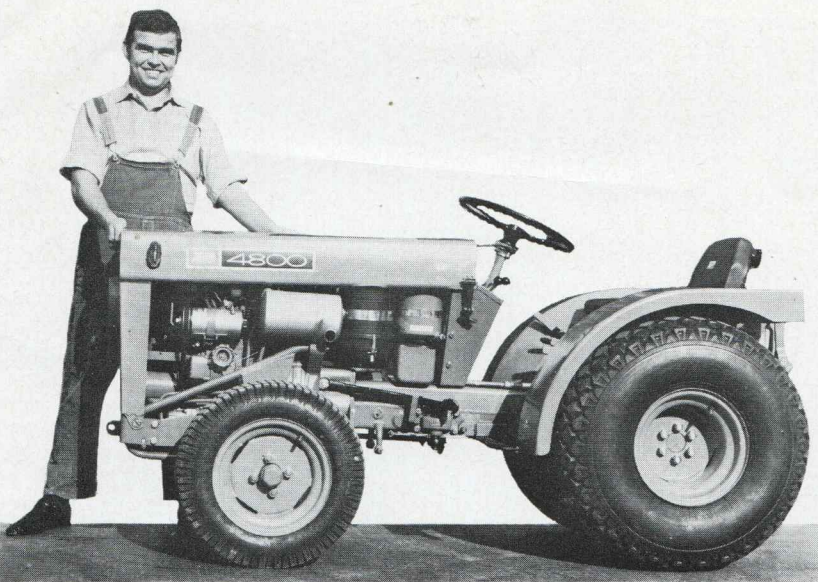
**Small tractor for care and maintenance of lawns, roads and sports grounds**

AGRICULTURAL  
ENGINEERING

LINCOLN COLLEGE

MODEL 4800 K

**AGRIA**



MODEL 4800 K  
**19 SAE HP**

## For continuous performance throughout the year in the municipal sphere

absolutely dependable, hard-wearing machines are necessary. Our municipal small tractor, model 4800 K, is therefore of particularly robust construction. We have designed the engine, gear box, chassis and all the other components to be basically sound and strong and to be so well matched as to meet the highest demands.

We gave her a robust 4-stroke Diesel engine, an exceptional gear box and, to top all, technical features based on sound technical experience, that a modern machine of this type must possess. We gave her a practical form and equipped her with front and rear power take-off shafts and dependable front and rear hydraulics. All provisions have been made then, for attaching an extensive range of implements. Mounting time is reduced to a minimum. Operation is surprisingly simple. The versatility of this machine makes it an exceptionally economical municipal vehicle.

Lawns and turf require care and maintenance and above all a good finish. Our interaxle rotary mower (scythe mower) is one of the efficient lawn-mowing implements that can be attached to the municipal small tractor. Its 3 rotors — working width 125 cms (49 ins.) — can mow an area of approx. 7200 sq. mtrs. per hour. The mower is raised hydraulically, and is driven by the front p. t. o. shaft, which can be switched on or off even when the tractor is immobile. The cuttings are ejected to the side and can also, if required as an extra, be ejected to the rear.





The 3-reel rear-mounted mower with hydraulic lift and 145 cm (57 in.) working width is ideal for mowing large areas. Mowing capacity at 6 km/h (3.7 m. p. h.) is 8500 sq. mtrs. The swing mounted reels adapt themselves well to unevenness of ground.



This lawn sweeper with automatic collector and grass box with hydraulic tipping device collects cuttings over a width of 125 cms (49 ins.).

The rear-mounted double mower mows in all positions — from the vertical to a down slope angle of approx. 40°. 120 cms (48 ins.) wide.

This 3-sectional reel mower has one reel mounted at the front and one mounted at either side. Working width: 230 cms. (90 ins.). The side reels can be raised alternately and held in the upright position. Mowing can also be carried out with the front reel alone.

The front-mounted sweeper — brush width 120 cms. (48 ins.), 45 cm (18 in.) dia. — has 2 brush speeds (dust and snow) and can be swiveled to either side. Also available 100 ltr. (22 gals) capacity water tank, pump and sprinkler.



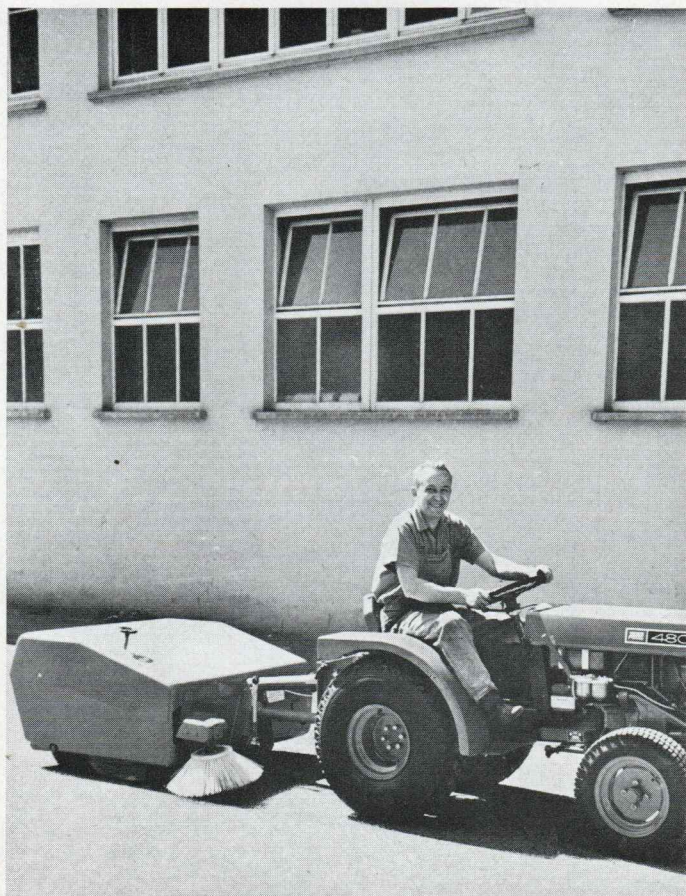


For quick clearance of fresh snow or light rubble we recommend this shock absorbing snow dozer 150 cm (59 in.) wide, which can be swiveled to either side and which is provided with steel or plastic edging. Operated from driver's seat.



Larger amounts of snow can usually only be cleared by a snow thrower. The p. t. o. driven front-mounted snow thrower throws the snow to any side required and clears approx. 100 cms. (39 ins.) width.

For sweeping and simultaneous collection of rubbish, this trailed sweeper with 100 ltr. (22 gals.) capacity rubbish container is available. The sweeper roll is 100 cms. (39 ins.) long and 40 cms. (16 ins.) in dia. With the gutter brush in addition, the total working width is approx. 125 cms. (49 ins.).

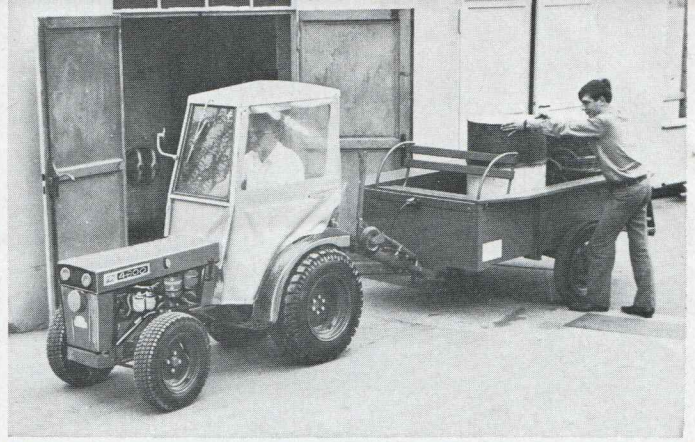


The oscillating, shock absorbing front-mounted earth dozer can be swiveled left or right from the driver's seat; is very robust and has a working width of 100 cms. (39 ins.). It is hydraulically raised and provided with side discs and steel blade edging.





For transport purposes, 2-wheel or driven axle trailers with spring suspension and pneumatic tyres are available with 900 or 1400 kg. (approx. 18 or 28 cwts) carrying capacity. Max speed approx. 16.5 km/h (10 m. p. h.).

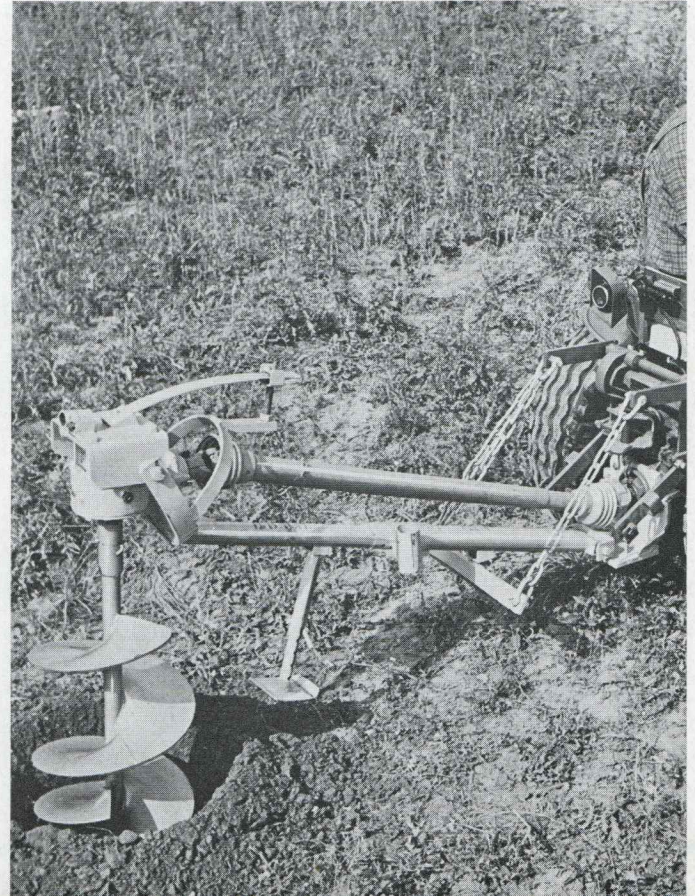


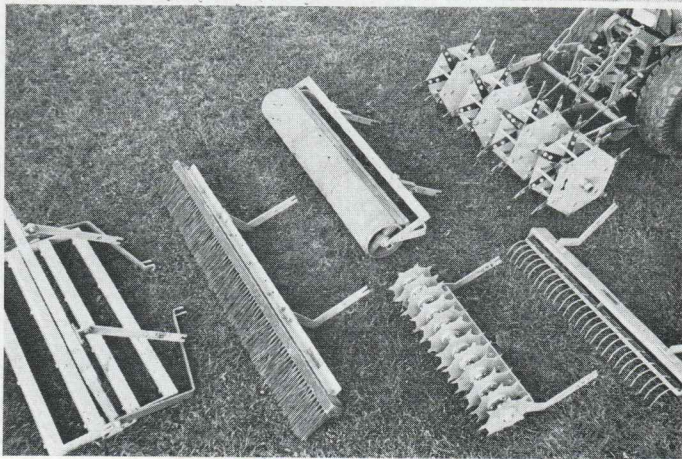
An all-weather hood protects the driver in bad weather. Sand, salt or fine gravel can be spread 2-8 mtrs. (6.5 - 26 feet) wide with this p. t. o. driven broadcaster with dosing device.

This area sprayer with low pressure pump and regulating device has an 8 mtrs. (26 feet) wide spray boom, 14 Teejet nozzles and 100 ltr. (22 gals.) capacity tank. The boom is adjustable in height from 70-130 cms. (28-51 ins.).



The earth auger too, is a much used attachment. Various augers are available with 110, 160, 250 and 400 mms. dia. (4.3, 6.3, 9.8, 15.7 ins.). Performance: approx. 150-220 borings per hour, depending on auger dia. and nature of ground.





For the care and maintenance of lawns, sports grounds and dirt tracks, a special range of implements is available. The aerating implement with hollow tines or blades serves to open the ground. The spiking and slitting implement prevents the grass from matting. Rakes, brushes, rollers, and the levelling implement are indispensable for the care and maintenance of modern sports fields. The rear hydraulics offer a special advantage in that the implements can not only be raised but can also be pressed against the ground.

## TECHNICAL DETAILS - MODEL 4800 K

Engine:	Air-cooled 19 SAE HP 4-stroke Diesel.
Gearbox:	Robust change-over gear in full oil bath, 6 forward and 6 reverse speeds. Differential with lock.
Speeds:	From 0,6 to 10 m. p. h.
Power take-off shaft:	Rear: 825 r. p. m. independent of gear speed; 63 - 875 r. p. m. dependent on gear speed. Front: 2000 r. p. m.
Hydraulic lift:	Reliable hydraulics front and rear.
Steering:	Easy action segment-gear steering.
Brakes:	Parking brakes, wheel and steering brakes.
Tyres:	Front: 6 x 12, rear: 10,00 x 12 AM.
Electrical equipment:	12 Volt system with electric starter, lighting and signalling equipment.
Attachments:	Apart from the attachments mentioned in this prospectus, others are in development and, to a certain extent, already available, i. e. artificial-fertilizer broadcaster for lawns and pulley attachment.

Alterations in design reserved in the interest of constant development. Delivery is based on our conditions of business and guarantee.



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