

PEARSON
Engineering Ltd



EFFLUENT HANDLING



LOADERS | IMPLEMENTS | EFFLUENT

EFFLUENT SPREADER

EASE OF USE FEATURES

- Fast filling
- Trays on tank for carrying suction hose
- Swivel towing eye
- Hydraulically operated rear outlet valve
- Lever operated inlet valve
- Quick coupler for connection of suction hose to tank
- Effluent spread of 12 metres approximately
- Two piece suction hose (approx 8.5m)
- Self centering bottom hatch for easy cleaning

QUALITY FEATURES

- Internal rings and/or baffles on all tanks
- Three point tank connection to chassis/drawbar eliminates tank stress
- Constant velocity PTO drive shaft
- Brass and galvanised fittings
- Rear drawbar
- Double moisture traps
- Inlet port and brackets ready for Ezyfill option

SAFETY FEATURES

- Deep domed ends
- Tank implosion valve
- Pump pressure relief valve (on tank and pump)
- Automatic vacuum pump lubrication
- Suction hose end protection
- Hydraulic brakes



OPTIONAL FEATURES

- Ezyfil controlled from tractor cab
- 90° spreader for sidings, banks and valleys
- Top hatch with ladder
- Tandem axles
- Agitator for inside tank
- Drawbar for pond stirrer
- Truck mounted option available
- Larger tyre sizes
- Injector
- Larger pumps available

LARGER TANK SIZES AVAILABLE ON REQUEST

SPECIFICATIONS	5,000L	8,000L	10,000L	12,000L	16,000L
Actual capacity	5,740	8,160	10,500	12,795	16,020
Length (mm)	4,837	6,310	6,534	7,434	7,434
Width (mm)	2,395	2,395	2,410	2,410	2,555
Height (mm)	2,670	2,860	3,177	3,218	3,420
Pump capacity (ltr/min)	6,500	8,000	11,000	13,500	13,500
Unladen weight (kg)	1,500	2,000	3,100	3,500	4,090
Laden weight (approx kg)	7,240	10,000	13,600	16,295	20,110



POND STIRRERS



The Pearson pond stirrer is highly effective at turning pond product into readily usable effluent. 40HP minimum requirement.

Features include:

- Robust construction for long life
- Retractable wheels
- One piece solid shaft
- Shaft middle support bearing
- Easily transported
- PTO shaft clutch or shear bolt available upon request as an option
- 1.2m extension available
- Galvanised option available



EZYFIL

- Supplied with tripod funnel which is transported on the side of the effluent spreader.
- Tank hoses are connected to the tripod funnel base.
- The Ezyfil arm, and suction inlet valve, are controlled hydraulically.
- The pump is PTO driven and the pressure/vacuum pump actuator is synchronised with the arm and inlet valve by a hydraulic sequencing valve. This requires one double acting tractor hydraulic remote valve.
- The driver does not need to leave the tractor. No mess and faster turn around between loads.

- Ezyfil can be supplied subsequently to purchasing tank as the mounting brackets and inlet port are standard with tank.



New Zealand manufacturers of front end loaders and implements since 1970.

Pearson Engineering Ltd has been operating since 1970 and is based in Matamata, the centre of the Waikato farming community. Pearson loaders, implements, effluent handling equipment and grader blades have stood the test of time, both in terms of quality and innovative new designs. They are able to supply not only products to suit current tractor models, but also older models that are still in operation.



CONTACT US

PEARSON ENGINEERING LIMITED

Physical address 48 Mangawhero Road Matamata 3400

Postal address PO Box 212 Matamata 3440

Phone 07 881 9160

Fax 07 881 9158

Email sales@pearsonengineering.co.nz

www.pearsonengineering.co.nz



PEARSON
Engineering Ltd 

