

STORTH

EXPERTS IN SLURRY MANAGEMENT



Storth have worked hard with the end user to develop a suitable range of Slurry Pumps which will aid Slurry Management on every farm allowing us to provide the right Pump solution every time.

High Performance Slurry Pumps

Specialist Manufacturers of
Slurry handling equipment



STORTH
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Holme, Nr Carnforth, Lancashire, LA6 1HR.

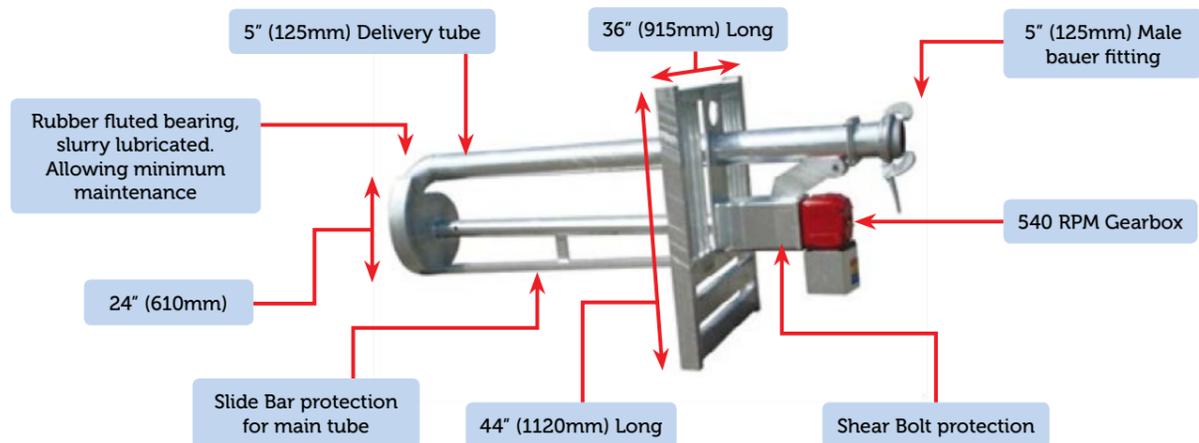
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Manufactured in the UK

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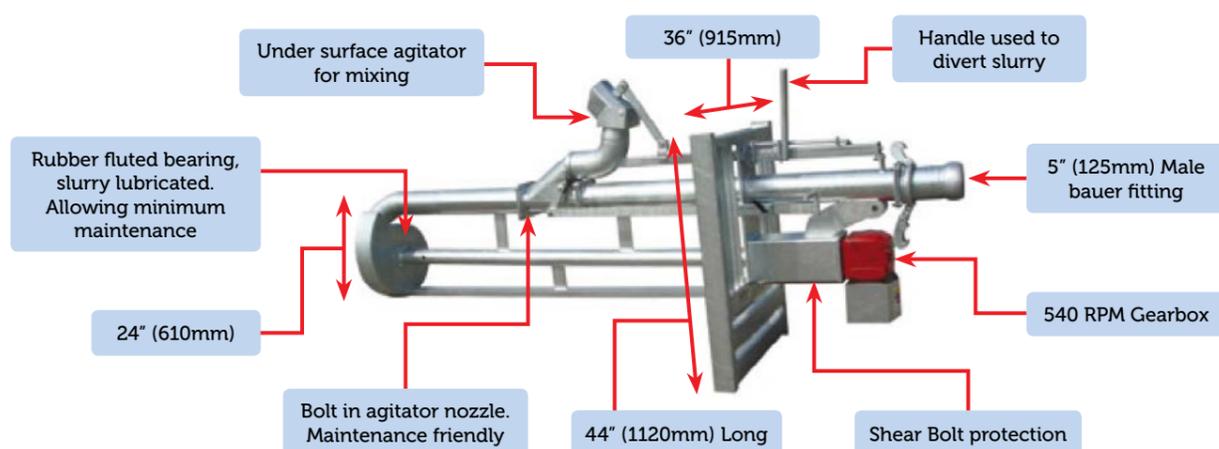
Superjet One

The Storth Superjet One Pump is a PTO driven static pump. Ideal for use in a reception tank to pump slurry to the slurrystore. The heavy duty, fully galvanised frame provides long lasting performance from this machine. Slurry is delivered directly from the impeller drum to the 5" male bauer discharge fitting (as per cover page).



Superjet Two

The Superjet Two Pump is ideal for use when slurry needs agitating in the reception tank before pumping it into the Slurrystore. This pump is fitted with an under surface agitator to the main delivery tube to divert the slurry causing a high pressure jet agitation. Moving a handle at the pump head diverts slurry upto the 5" male bauer discharge fitting (Standard) (as per cover page).



Superjet One & Superjet Two - Technical Details

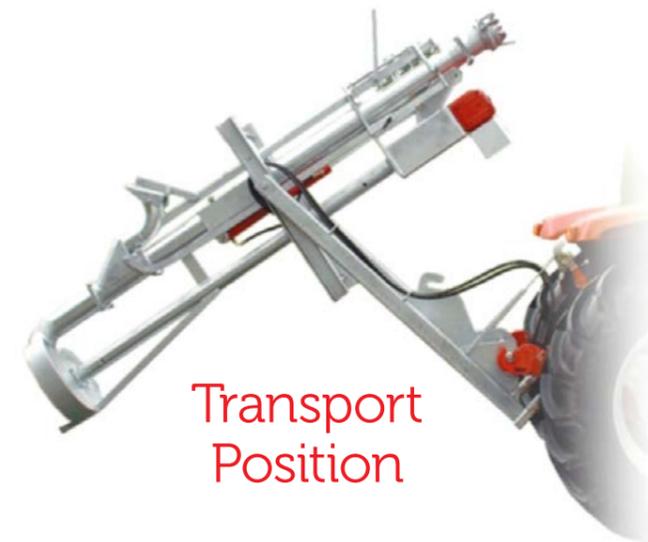
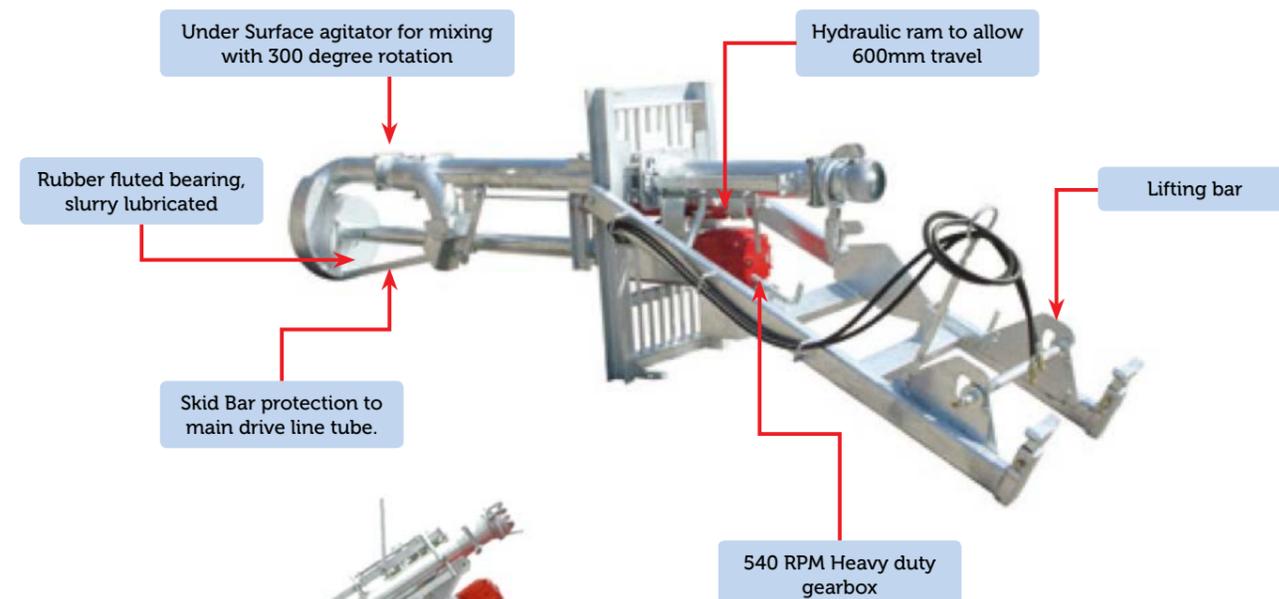
- 60 – 70 HP required
- 5" (125mm) discharge pipe
- 2500 Gallons (11,000 Lts) Capacity per minute
- 540 RPM Gearbox
- Fully galvanised
- 6 Blade impeller, 360mm x 100mm

Models Available in Superjet One & Two

Lengths available from 5ft (1.5Mt) up to 16ft (5Mt).
Lengths are measured in 1ft (300mm) increments.

Superjet Three

The Superjet Three machine is ideal for farmers who have different depths of pits and tanks to mix. From the tractor seat the pump can be adjusted by a double acting ram to allow mixing of different depths. This machine is transportable on the link arms of the tractor with the PTO disconnected, once the machine is placed in position the PTO is connected and ready for use. When lifting the machine out the PTO must be disconnected before moving.



Technical Details

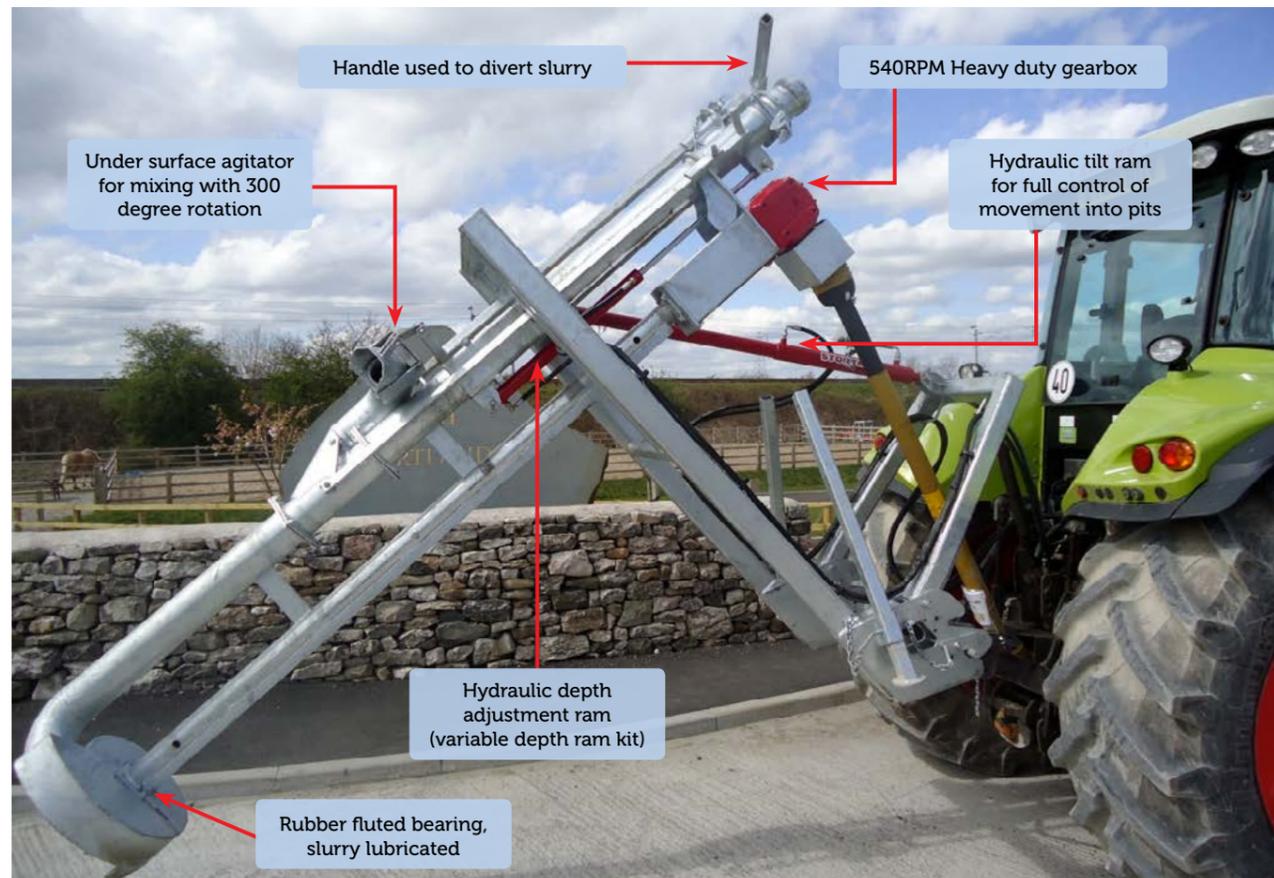
- 80-100 HP required
- 5" (125mm) discharge pipe
- 3000 Gallons (13,500 Lts) mixing capacity per minute
- 650ft (200Mts) pumping distance*
- Fully galvanised
- Hydraulic ram allowing 600mm travel on the depth
- 4 Blade impeller, 360mm x 100mm
- 540RPM Heavy duty gearbox
- PTO included

Models Available

- 6-8ft (1.8-2.4Mts) Length
- 8-10ft (2.4-3.0Mts) Length
- 10-12ft (3.0-3.6Mts) Length

Superjet Four

The Superjet Four machine is fully moveable on the tractor on the three point linkage; this enables the PTO to be left connected when moving the pump from pit to pit. A variable depth ram kit can also be added if different depths of pits are needed to be mixed, giving full control of the height of the mixing nozzle in the tanks when agitating. Full hydraulic movement is also available on all functions from the tractor seat.



Technical Details

- 80-100 HP required
- 5" (125mm) discharge pipe
- 3000 gallons (13,500 Lts) mixing capacity per minute
- Variable depth ram kits available for mixing different depths
- 540 RPM heavy duty gearbox
- 4 Blade impeller, 360mm x 100mm
- Full hydraulic on all functions available

Models Available

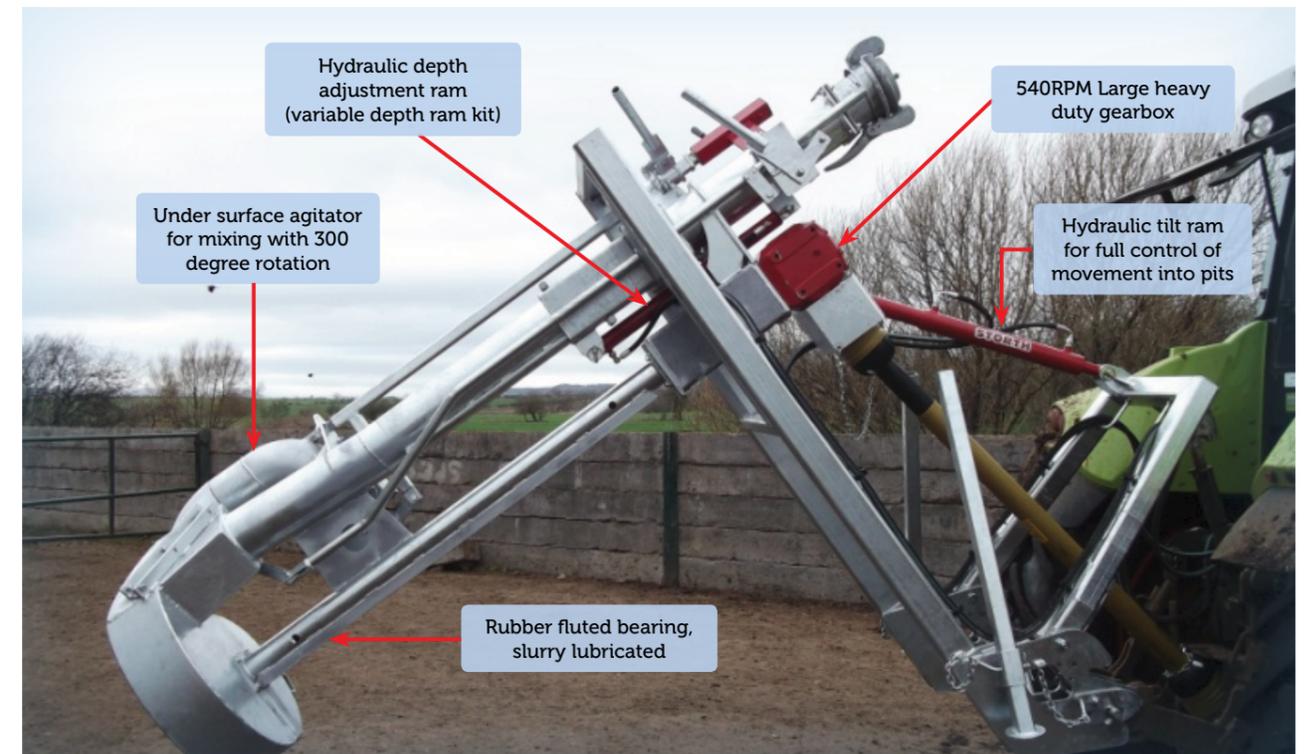
Lengths available from 6ft (1.8Mts) up to 12ft (3.6Mts). Lengths are measured in foot (300mm) increments.

Or models with variable depth Ram Kit

- 6-8ft (1.8-2.4Mts) Length
- 8-10ft (2.4-3.0Mts) Length
- 10-12ft (3.0-3.6Mts) Length

Superjet Five

The Superjet Five Pump is designed to the same high standard as the Superjet Four. The Superjet Five pump is a higher capacity pump as it has 6" (150mm) pipework and a larger drum which allows a higher capacity through the pump to give incredible agitation in tanks in less time. When moving this pump from tank to tank the PTO can be left attached to the tractor and machine. Full hydraulic movement is also available on all functions from the tractor seat.



Technical Details

- 100-120 HP required
- 6" (150mm) discharge pipe
- 4500 gallons (20,400 Lts) mixing capacity per minute
- Variable depth ram kit available to mix different tank depths
- 4 Blade impeller, 430mm x 150mm
- 540RPM Large heavy duty gearbox
- Full hydraulic on all functions available
- PTO included

Models Available

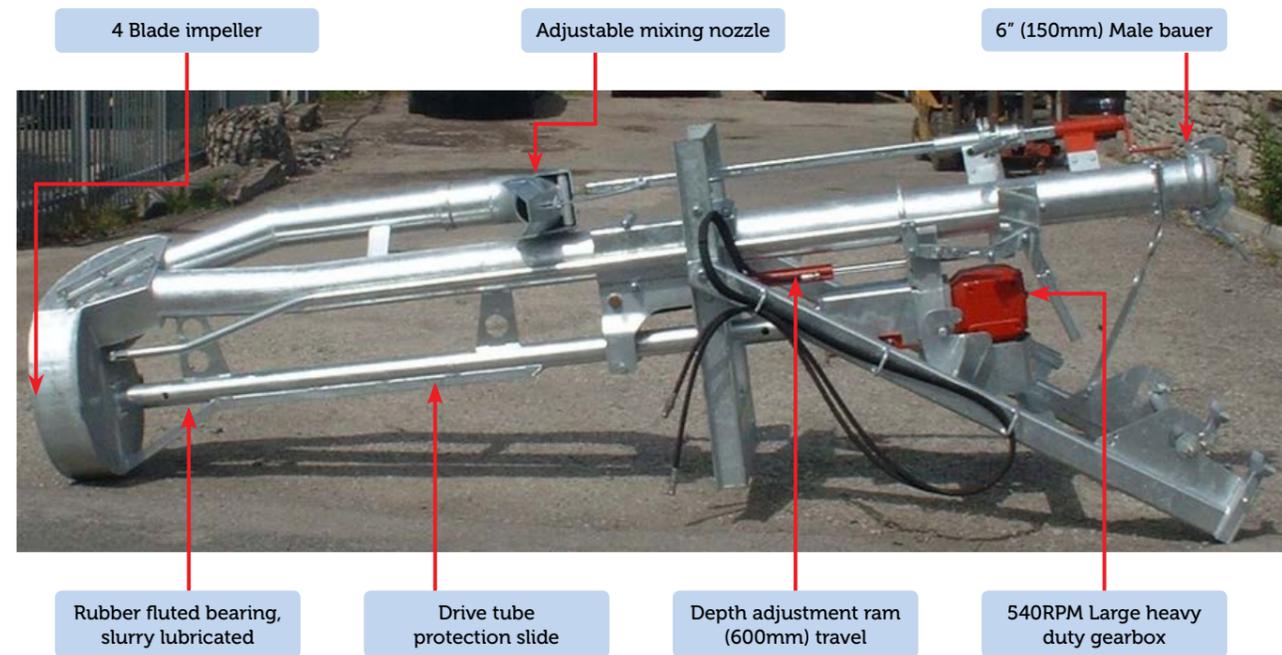
Lengths available from 6ft (1.8Mts) up to 12ft (3.6Mts). Lengths are measured in foot (300mm) increments.

Or models with variable depth Ram Kit

- 6-8ft (1.8-2.4Mts) Length
- 8-10ft (2.4-3.0Mts) Length
- 10-12ft (3.0-3.6Mts) Length

Superjet Six

The Superjet Six has the same high specification design as the Superjet Three with quick attachment to the link arms. This machine has a high capacity output as 6" (150mm) pipework is used throughout the pump. This machine will need to be placed into position before attaching the PTO shaft. The PTO shaft must be disconnected before moving the machine to different tanks. Full hydraulic movement is also available on all functions from the tractor seat.



Technical Details

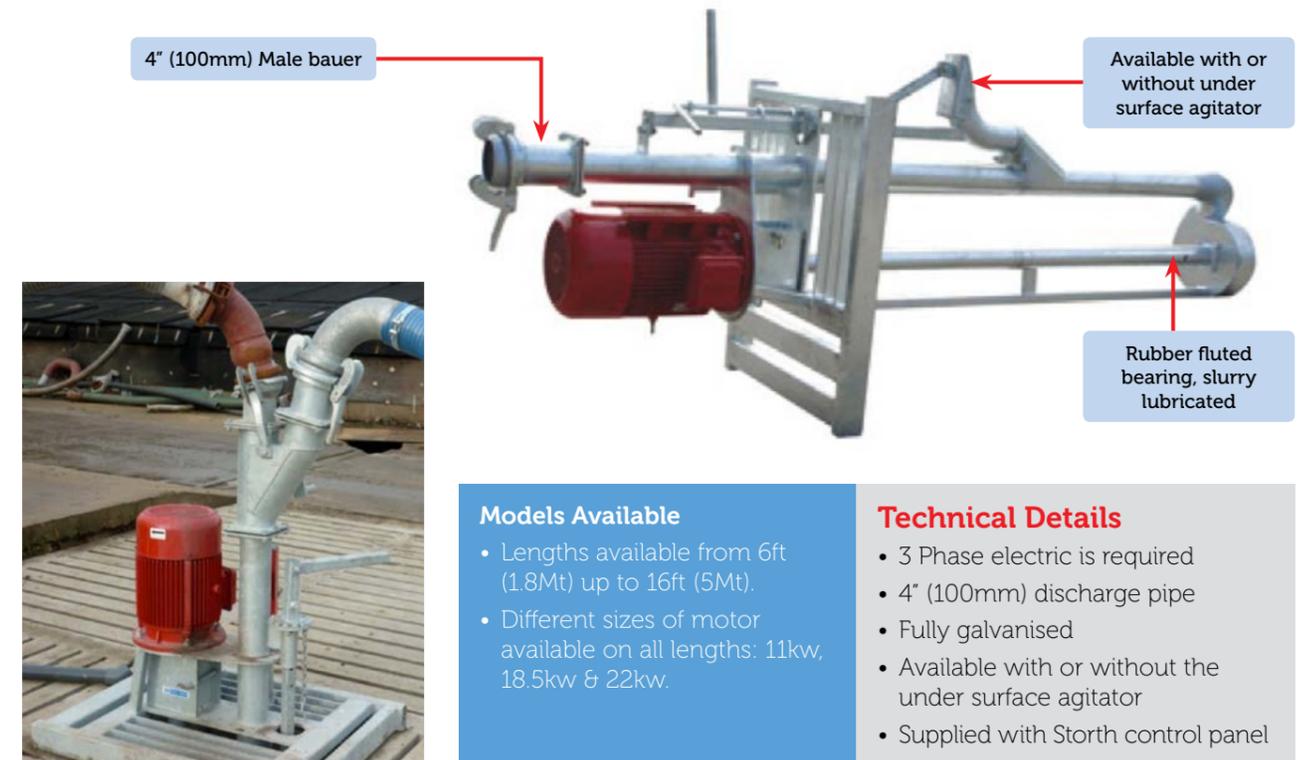
- 100-120 HP required
- 6" (150mm) discharge pipe
- 4500 gallons (20,400 Lts) mixing capacity per minute
- 980ft (300Mts) pumping distance*
- Fully galvanised
- Hydraulic ram allowing 600mm travel on the depth
- 4 Blade impeller, 430mm x 150mm
- 540RPM Large heavy duty gearbox
- Full hydraulic on all functions available

Models Available

- 6-8ft (1.8-2.4Mts) Length
- 8-10ft (2.4-3.0Mts) Length
- 10-12ft (3.0-3.6Mts) Length

Electric Driven Pumps

Storth have developed a range of electric driven pumps to enable the farmer to manage slurry automatically without the use of a tractor. Storth electric pumps all require 3 phase electric and are available in different motor sizes, dependant on the application. Our electric pumps can be set up on float switches to allow the pump to start and stop automatically when the slurry reaches a certain level.



Models Available

- Lengths available from 6ft (1.8Mt) up to 16ft (5Mt).
- Different sizes of motor available on all lengths: 11kw, 18.5kw & 22kw.

Technical Details

- 3 Phase electric is required
- 4" (100mm) discharge pipe
- Fully galvanised
- Available with or without the under surface agitator
- Supplied with Storth control panel

Re-Circulation Pump

The 6" Re-Circulation pump is used to enable the mixing of above ground storage tanks without the need for a reception tank. The slurry enters the re-circulation pump from a head pressure of slurry entering the impeller housing with a 1,000rpm input. The machine will discharge at 3,000gpm.

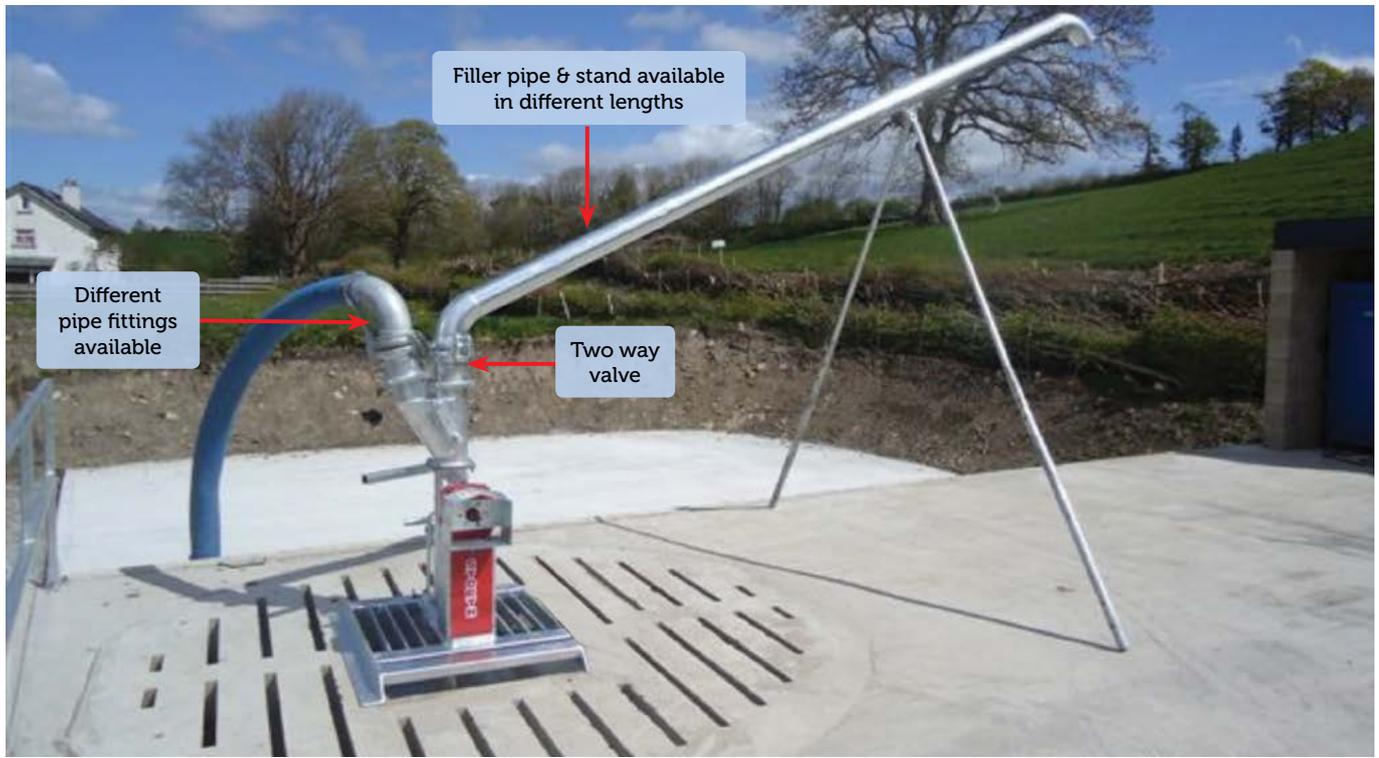
Technical Details

- Fully galvanised
- 3 point linkage frame



Pump Accessories

As all applications of slurry management are not all the same, Storth have developed a range of accessories to fit all our Slurry pumps.



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