

Basic DIY Diaphragm pump kit

The basic DIY range of liquid applicators are high pressure self priming diaphragm kits used for grass/maze silage. They can be used on trailed or self-propelled forage harvester, forage wagons or balers.

The basic DIY kit can be supplied with two pump options Low Volume, 0.5 - 5 litres per minute or Extra High Volume, 1 - 14 litres per minute open flow. The low volume is typically used for balers, trailed forage harvester and small forage wagons and the Extra High Volume for self propelled forage harvester and larger forage wagons.

All kits are supplied with Selmech's own in cab variable speed controller enabling the operator to set the out put of the pump easily and make manual adjustments for varying crop densities.

Optional accessories

There is a selection of optional accessories available depending on what type of equipment the SDP will be used on. These include: -

Thru Beam Crop Detector

Using a photoelectric sensors with visible red LED for easy alignment these can be positioned to detect the swath as it is taken up by the pick up to switch the pump on and off. The photoelectric sensors are high quality and have an IP Rating of IP69K which means they are dust tight and keep out water from high pressure/steam cleaning.



Typical twin jet kit with optional Flowmeter

Graduated Flowmeters

A Flowmeter will give a visual indication of liquid flowing through the system highlighting a blockage or drop in pressure in the system.

Module or tank options

The SDP kit can be supplied pre built into a module with bracket to be used with a variety of containers, including 200 litre barrels, IBCs and built in forage harvester tanks. It can also be supplied as an SDP tank kit built in to one of our tanks. 250 litre, 175 litre and 125 litre options available. It can also be supplied with an under slung tank for forage wagons with a moving front wall.



400 litre tank on a forage wagon



High volume pump on self propelled



SDP 125L tank kit on a compactor

What you get

The basic SDP kit is supplied with a Diaphragm pump and filter. Variable in-cab control box . Tank tube support pipe. 10m meters of cable. 10m meters of tubing. Jet body with anti syphon check valve and a selection of 100 degree spray nozzles. The kit is also available with two or more jets for balers and forge wagons.

Warranty

All Selmech's products come with a one year warranty from date of delivery. Claims are limited to replacement parts or return to us for repair. This does not cover wear and tear through normal use or mechanical or chemical damage that has occurred to parts through misuse or unauthorised attempts to repair the unit.