



Horticultural Spraying Solutions

Pump sets

The Empas pump set, the heart of every machine.



All pump sets with an electric engine are driven by a V-belt transmission, with the exception of a few models. A sound steel protective cover is positioned over this transmission. These sets are executed with engine slide rails and a turnbuckle as a result of which possible further adjustment of the V-belt will be a simple action. Depending on the type of electric engine it will be delivered with a 10-metre cable with a plug or with a multiple socket and plug. It goes without saying that they are all equipped with a thermal safety switch. A couple of models are available with a 230V engine. The pump sets with a larger capacity are manufactured with a 400V engine.

To spray with high and low pressure we developed a double pump set. One pump to accurately adjust the low pressure to spray pesticides and one pump to adjust the high pressure. By means of a simple three-way valve a choice between low and high pressure can be selected.



The pump sets with a fuel engine are in a standard manner manufactured with a Honda petrol engine, equipped with a minimum oil safety and repeated starter. Small capacity membrane pumps are directly driven by means of a reduction gear as a result of which they can be constructed in a very compact manner. The composition of the larger capacity and plunger pumps equals such of the pump sets with an electric engine.

All our pump sets are in a standard manner delivered with a 2-metre suction and return hose and a suction strainer. Our standard pump sets are suitable for assembly onto any random EMPAS spray cart.

On request we will be happy to provide you with a price for pump sets with a deviating capacity or a deviating drive.

Empas B.V.
Veenendaal

www.empas.nl/en
sales@empas.nl