

# New D & IM PUMP Series

The D series and the IM series are pumps sharing the same mechanics which, sharing various options and applications, guarantee modularity, versatility and a very vast field of use.



## D Series (Low Pressure)

- Treatments where the best chemical resistance is required (Disinfection, Sanitization, Insecticides, Seed Inoculation, Fungicides, Fertigation, etc..)
- Application on weeding machines or units with internal combustion, electric or hydraulic engines.



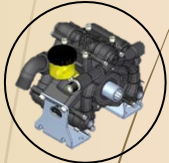
## IM Series (Mid – High Pressure)

- Traditional or organic treatments at medium or high pressure.
- HEAVY DUTY fixings and crank mechanism for application on atomizers.
- Coupling with high performance electric motors or generators or with hydraulic motors.



### PBT Pump Heads and Reinforced Nylon Manifolds

Low Pressure - Flow rate: 90 - 130 l/min  
Maximum resistance to aggressive chemical agents



### Tapered Shaft, Cardan Male and Female Shaft

To suit every need and employ



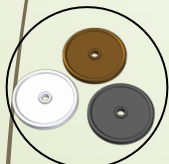
### Aluminum heads and manifolds with Cataphoresis or Plasticization

High Pressure - Flow rate: 90 - 130 l/min  
High working pressures, resistance and reliability



### 1000 RPM Version

Suitable for connection to fast power take-offs, for greater energy saving and for coupling with small motors as well as the transmission group (reducer or pulley)



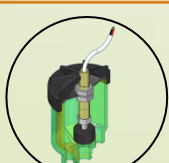
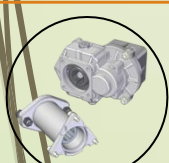
### NBR Rubber, Desmopan or Viton Diaphragms

The different membranes with which the pumps can be equipped make it possible to satisfy every need and guarantee reliability with all types of products



### Biodegradable HEES Synthetic Oil

Reduces environmental impact due to oil dispersion and maintains optimal lubrication



### Sensors & Applications

Many sensors (RPM and oil level) and kits such as reducer, hydraulic application and remote tank allow you to satisfy the most diverse needs.

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D Series *		IM Series *	
90 l/min	120 l/min	90 l/min	120 l/min
20 bar		40 Bar	
Plastic Coated Aluminum Pump Heads		E-coated Aluminum Pump Heads	
Reinforced Nylon Manifolds		E-Coated Aluminum Manifolds	
Ball Bearings and Cast Iron Connecting Rod		Tapered Roller Bearings and Cast Iron Connecting Rod	
<b>C.A.P. Version (Chemical Aggression Proof)</b>		<b>P.C.P. Version (Plastic Coated Protection)</b>	
PBT Resin Pump Heads (15 Bar)		Plastic Coated Pump Heads and Manifolds (40 Bar)	
<b>Pump Diaphragm Materials</b>			
NBR Rubber	Desmopan	FKM (Viton)	
<b>Pump Shaft Options</b>			
Cardan Male	Tapered	Cardan Female	
<b>RPM Speed Options</b>			
550 RPM		1000 RPM	
<b>Lubricating Oil Options</b>			
Standard Hydraulic Oil		Biodegradable HEES Synthetic Oil	
<b>Sensor Kit</b>			
Oil Level Sensor		RPM Sensor	
<b>Motorisation</b>			
Cardan	Electric	Hydraulic	Stroke Engine
<b>* Large cross-section of spare parts between the models of the series</b>			