

# JAVELIN

IRRIGATION SYSTEMS LTD

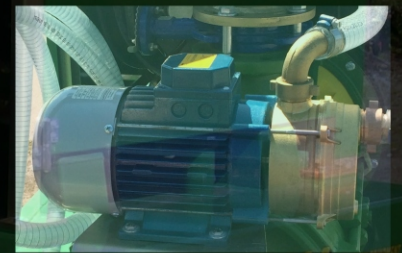


**MOP 213**  
**Diesel Engine Pump Unit**

# MOP 213

## Diesel Engine Pump Unit

- JCB444 Dieselmax 4-cylinder turbo-charged aftercooled engine, rated 125 Hp (93 kW)
- Engine intercooler
- 3-stage horizontal, end suction multi-stage centrifugal pump flanged coupled direct to the engine (model F3P-125-175/A3). Connections DN175 (PN16) x DN125 (PN25).
- Heavy duty bunded tank chassis (1,000 litre capacity) with two-wheels, front and rear adjustable support jacks and removable drawbar for security
- Twin fuel hubs (left and right hand side) and fuel level gauge
- Stainless Steel Warmth Exchanger system on pump suction (no need for radiator/fan cooling system, subsequently saving fuel and oil and reducing noise pollution). Terminating with Bauer coupler.
- Integral no-flow switch mounted in suction inlet
- Exhaust mounted on top of pump unit (noise output 89dB @ 1 metre)
- Exhaust priming system
- Lockable protection guards on both sides of engine
- Idromop digital engine/pump control panel with integral throttle controller which automatically adjusts engine RPM depending on flow rates required. GSM for remote operation and automatic priming
- Butterfly valve and high rise gooseneck delivery terminating with Bauer female coupler
- Fully guarded to CE standards and CE plated



### Pump Performance

Pumps Series F3 AP125/175/A/3 at 1520 RPM									
<b>M<sup>3</sup>/hr</b>	<b>50</b>	<b>80</b>	<b>100</b>	<b>130</b>	<b>150</b>	<b>160</b>	<b>175</b>	<b>195</b>	<b>215</b>
<b>l/min</b>	833	1333	1666	2166	2500	2666	2916	3250	3580
<b>H(m)</b>	<b>141.9</b>	<b>138.6</b>	<b>135.9</b>	<b>129</b>	<b>122.4</b>	<b>117.9</b>	<b>109.2</b>	<b>92.4</b>	<b>69.6</b>
<b>Kw</b>	40.5	47.7	52.2	58.2	62.4	64.5	67.8	72.3	76.5