



GREENCROP IRRIGATION

Blueline PTH100K PTO PUMP



The Blueline PTH range of centrifugal pumps features a multi-channel impeller and a unique aggressive double chopping mechanism to give reliable pumping and ease of use. The PTH range is available in a wide range of models, including tractor driven, engine driven and direct coupled electric units. This range of pumps is ideal for applications requiring a substantial pressure capability combined with trouble-free solids handling such as with umbilical systems.

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PTH Series

	Input RPM	Pressure Range (Bar)	Capacity (m ³ /hr)	Required Power HP (kW)
PTH65	540 / 1000	6 - 12	45 - 150	65 - 90 (50 - 67)
PTH80	540	5 - 7	45 - 150	65 - 75 (50 - 60)
PTH100	540	4 - 6	60 - 240	70 - 90 (50 - 67)
PTH100K	540 / 1000	6 - 14	60 - 270	100 - 160 (75 - 120)
PTH150	540 / 1000	2 - 5	35 - 450	120 - 150 (90 - 112)



The high performance chopping mechanism ensures thorough maceration of slurry prior to entry into the impeller, reducing the risk of blockage. Shear pin protection of the chopping mechanism and independent sealing of both gearbox and pump casings ensures long and trouble-free working life.

Typical specifications:

Maximum capacity - 270 m³/h
 Maximum head - 137 m
 Power requirements - 65 to 160 HP

Available in five sizes to ensure accurate matching of pump to application.

- High efficiency multi-channel impeller
- No auxiliary cooling requirement
- High performance chopping system
- Shear pin protection of cutter element
- Twin sealing of pump and gearbox
- Oil bath between pump casing and gearbox
- Heavy duty high quality castings
- User serviceable wearing parts
- Heavy duty linkage frame for tractor mounting
- Hydraulic primer with 16 bar delivery valve
- Pipe work options to suit user requirement
- Options:
 - Remote control outlet changeover valve
 - Pressure control divert system
 - Fully integrated pumping systems



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