

Specification\_RHMSV\_v21

# YARDMASTER® MULTI-STAGE PUMP

- Higher pressures for less horsepower
- Primary impeller jets flow through to secondary impellers, increasing pressure at each stage
- Handles solids particles up to 10-12mm in size
- Pump bearings and motor are out of the liquid
- Sealed pump housing retains pressure in the pumping system and allows for multiple mounting configurations
- Ability to upgrade with more stages if pumping requirements change
- Up to 40% efficiency increase over standard pumps means lower running costs
- Designed for easy access and serviceability meaning minimised service costs
- Designed and manufactured in New Zealand

## Vertical Features

- Always primed as the pump head is always submerged in the liquid
- Direct intake to pump head negates suction system
- Can be fitted on the same floating frame as stirrer

## Ideal for...

Greenwater for a high head and/or long distance to irrigation, also for travelling rain guns

**NOTE: Full modification options available for specific requirements**

“ This new generation of multi-stage pumps are a worlds first featuring a patented\* multi stage design capable of passing fibre as well as small solids. For low flow & high head effluent systems, this design results in huge power savings when compared with traditional single stage high head pumps. ”

## Applications & Case Studies



\* **PATENT 614617**

### CS\_BEN02

Lined pond installation, multi-stage pump, stirrer and stabilised long arm

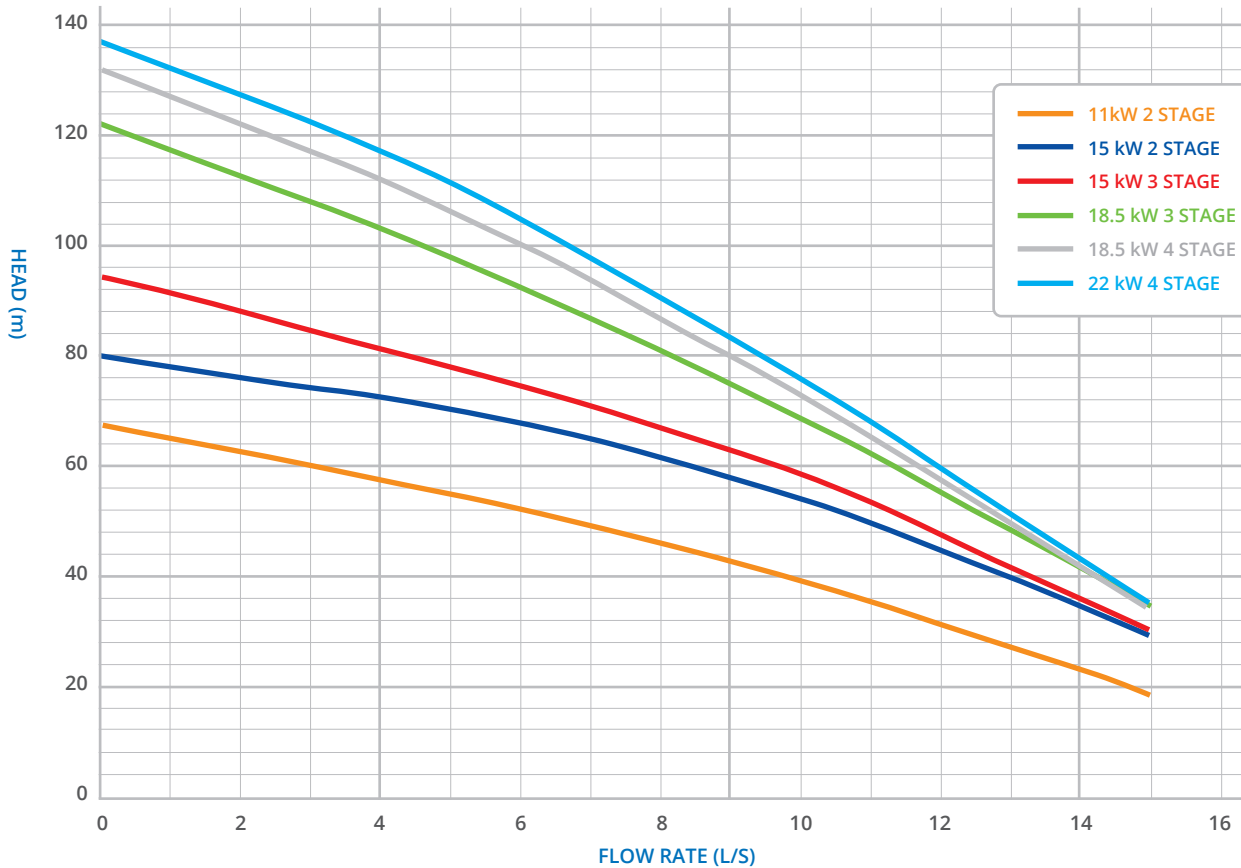
### CS\_FRA02

Small pit installation, multi-stage pump only



### 1-4 STAGES / Performance Curves - TWO POLE (2800 rpm)

IMPELLERS: 1st Stages: 4v, 162 dia. Final Stage: 4v 195 dia



Due to continuous product development, Reid & Harrison reserve the right to change specification without notice. Performance figures are based on average test results from production pumps. Specific performance test curves can be supplied against order

#### Product Codes (Standard Series)

| DESCRIPTION   | CODE        |
|---|-------------|
| YARDMASTER® VERTICAL MOUNT MULTISTAGE PUMP            |             |
| Yardmaster® multistage pump; vertical 2-stage, 11.0kW | RHMS2PS110V |
| Yardmaster® multistage pump; vertical 2-stage, 15.0kW | RHMS2PS150V |
| Yardmaster® multistage pump; vertical 3-stage, 15.0kW | RHMS3PS150V |
| Yardmaster® multistage pump; vertical 3-stage, 18.5kW | RHMS3PS185V |
| Yardmaster® multistage pump; vertical 4-stage, 18.5kW | RHMS4PS185V |

Specifications are subject to change without notice

