

Farm Pumps

Onga Farmmaster Shallow Well Pumps & Injectors

Onga's cast iron Farmmaster series of pumps are engineered for ultimate reliability and performance. These pumps give outstanding performance in almost any situation – whatever you need to do with water, you can't beat an Onga Farmmaster. With cast iron construction and precision engineered internals, Farmmaster pumps are built tough to last in Australia's demanding conditions.

JJ Range

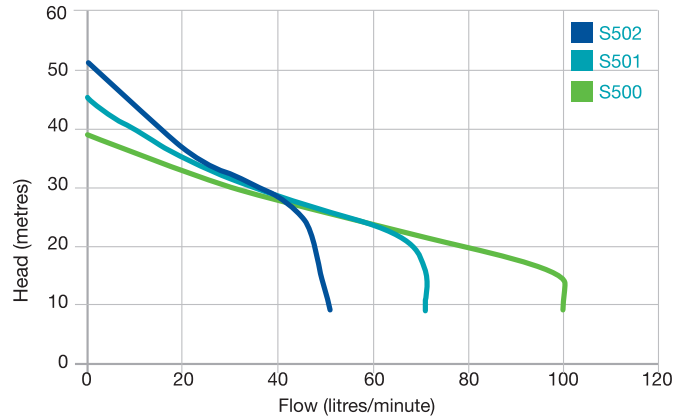


The Farmmaster "Junior Jet" JJ range are compact and efficient pumps. Constructed in cast iron with precision-moulded hydraulic components, they are built for many years of hard work. For those looking for a household pump for the largest homes, the JJ400 or JJ600 can provide strong pressure throughout.

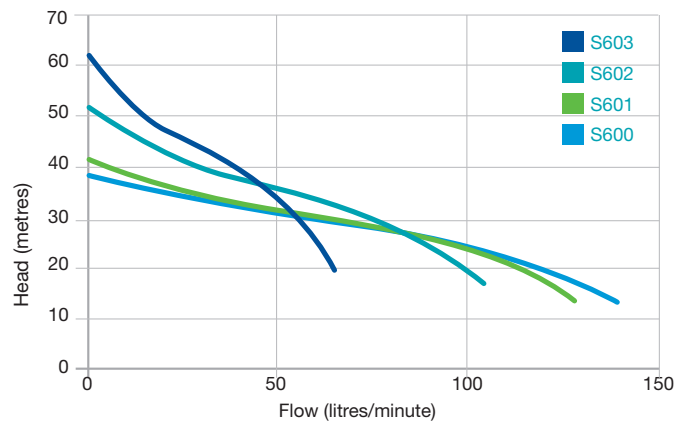


JJ600 with AP80 tank

JJ400 Performance



JJ600 Performance



INJECTORS Shallow Well
Onga offers a range of 19 shallow well injectors to adapt the JJ and OJ range to your pressure and flow requirements.



INJECTORS Deep Well
Along with the range of shallow well injectors are 23 deep well injectors for lifts greater than 7.6m. See pages 12 & 13.



Source

Your source of water may be from a dam, groundwater or a river.



Storage

In many cases farm water supplies are stored in a dam — or taken directly from source to use with no storage.



Pump

The wide range of injectors available means that they adapt to suit your application — not the other way around.



pressure control

Automatic control of these systems is usually achieved with reliable pressure switches.

Farmmaster Pumps features

| | |
|-----------------------------------|---|
| High efficiency moulded impellers | Lower running costs, high performance |
| Coated cast iron construction | Ultimate strength and longevity |
| Adaptability | Can be engineered to fit almost any situation |
| Long suction possible | Take water from any source |
| TEFC industrial motor | Reliable and efficient drive |

| Model (Watts) | Injector model | Pressure switch setting (kpa) | Suction lift (M) | DISCHARGE HEAD (METRES) | | | | | | Maximum Pump pressure (kpa) |
|------------------------------|----------------|-------------------------------|------------------|-------------------------|-----|----|----|----|-----|-----------------------------|
| | | | | 15 | 21 | 27 | 34 | 40 | 46 | |
| CAPACITY (LITRES PER MINUTE) | | | | | | | | | | |
| JJ400 (750W) | S500 | 140-280# | 0 | 98 | 70 | 40 | | | | 380 |
| | | | 3 | 78 | 56 | 32 | | | 350 | |
| | | | 6 | 56 | 40 | 23 | | | 320 | |
| | | | 7.6 | 39 | 28 | 16 | | | 305 | |
| | S501 | 210-350 | 0 | 71 | 66 | 42 | 21 | | 440 | |
| | | | 3 | 57 | 53 | 34 | 17 | | 410 | |
| | | | 6 | 40 | 38 | 24 | 12 | | 380 | |
| | | | 7.6 | 28 | 26 | 17 | 8 | | 365 | |
| | S502 | 280-420 | 0 | | 47 | 42 | 24 | 14 | 505 | |
| | | | 3 | | 38 | 34 | 19 | 11 | 475 | |
| | | | 6 | | 27 | 24 | 14 | 8 | 445 | |
| | | | 7.6 | | 19 | 17 | 10 | 6 | 430 | |
| JJ600 (1100W) | S600 | 140-280# | 0 | 137 | 112 | 71 | 24 | | 375 | |
| | | | 3 | 109 | 89 | 57 | | | 345 | |
| | | | 6 | 78 | 64 | 40 | | | 315 | |
| | | | 7.6 | 55 | 45 | 28 | | | 300 | |
| | S601 | 210-350 | 0 | 125 | 112 | 74 | 33 | | 410 | |
| | | | 3 | 100 | 89 | 59 | 26 | | 380 | |
| | | | 6 | 71 | 64 | 42 | | | 350 | |
| | | | 7.6 | 50 | 45 | 29 | | | 335 | |
| | S602 | 280-420 | 0 | | 100 | 82 | 51 | 29 | 505 | |
| | | | 3 | | 80 | 66 | 41 | 23 | 475 | |
| | | | 6 | | 57 | 47 | 29 | 16 | 445 | |
| | | | 7.6 | | 40 | 33 | 20 | 12 | 440 | |
| S603 | 350-560 | 0 | | | 62 | 48 | 34 | 22 | 615 | |
| | | 3 | | | 50 | 38 | 27 | 18 | 585 | |
| | | 6 | | | 35 | 27 | 19 | 12 | 555 | |
| | | 7.6 | | | 25 | 19 | 14 | 9 | 540 | |

Factory pressure switch setting. Pump suction 1 1/2" BSP Female.
 Pump discharge port 3/4" BSP Female (pump), 1" BSP Female (pressure kit).
 Model JJ600 may be purchased as single or three phase.



pressure storage

Onga offers a full range of pressure tanks: moulded, steel and fibrewound. All are serviceable, unlike other brands.



Treatment

See page 42 for the Onga range of water treatment products



Use