

Misal Technologies Pty Ltd

A.B.N. 28 006 314 629

ELECTRICAL AND MECHANICAL ENGINEERS

17.11.2020

BILLABONG HYDRAULIC WATER RAMS – BBHWRs (PUMPS) BBHWRs BRIEF HISTORY AND FEATURES OVERVIEW DISTRIBUTORSHIP & LICENSING BUSINESS OPPORTUNITY:

UNIQUE OPPORTUNITY FOR OBTAINING DISTRIBUTORSHIP MARKETING RIGHTS OR LICENSING MANUFACTURING RIGHTS FOR A PROVEN WATER RAM TECHNOLOGY OVER 165+ YEARS

A UNIQUE TECHNOLOGY PRODUCT - USES ONLY WATER TO PUMP WATER WITH NO OPERATING COST!

Billabong Hydraulic Water Rams have been manufactured and used in Australia for the past 165 years, with hundreds of satisfied Customers enjoying a continuous water supply delivery, at no cost to them. The Billabong Rams are proven technology devices, with the Units renowned for their longevity and reliability. In many instances 2nd or 3rd generation Australian farmers have been operating and using the same Unit for 60 - 100+ years. Recently, we received an 80-year-old No. 6 Billabong Ram requiring refurbishment. The Billabong Hydraulic Rams are also renowned in the Pacific Region. The United Nations have in the past purchased 20 Billabong No.7 Units Solomon Islands installation. These were supplied as part of the UNDP water supply project designated to use for the water supply to indigenous remote mountainous villages located in the Solomon Islands.

Misal Technologies Pty. Ltd. is currently seeking opportunities to open new global markets for Billabong Hydraulic Water Rams (BBHWRs), with the objective of establishing a Distributorship Network and manufacturing facilities in various, strategically located global geographical regions. We wish to expand the exposure and application of the Billabong Hydraulic Water Rams (BBHWRs) to regions outside of Australia, with a focus on the European, African, Latin America and Asian markets.

We are seeking to enter Distributorship or arrange alternative Licensing arrangements with selected, well established and reputable engineering companies in various Continents. Misal is seeking companies to take up a Distributorship appointment with the capability of undertaking their own marketing of BBHWRs in the Distributors' appointed country. At the same time, where appropriate, we are seeking appointments of BBHWRs Licensees in Countries where such market would justify opening local manufacturing facilities. It is anticipated that the Licensee will be an already established Pump manufacturer or has a reputable mechanical engineering manufacturing facility already in practice. The Licensee will be responsible for establishing his own marketing network however the Licensee may have already its own established marketing network or already have their own established marketing network able to be utilised for the BBHWRs product addition.

BBHWRs additional basic details & information:

The Billabong Hydraulic Rams design operates on the principle of using harvested kinetic energy from water, derived from the water source under fall conditions via a Drive Pipe water supply into the BBHWR. The operation does not require any external source of fuel to operate the Ram pump (i.e. no electricity, solar, petrol, diesel, gas, wind, steam etc.). It solely uses the harvested kinetic energy from water, flowing into the Ram under fall conditions, for the water transfer operation. Full operational principles, including specification and performance capability outline of the Billabong Hydraulic Water Rams technology is provided in the enclosed Document 7081 Rev.1 © (Page 3). Alternatively, further BBHWRs details can be found on our Websites: <http://www.misaltech.com> or www.billabongwaterram.com.

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BBHWRs Main Features:

The Billabong Water Rams are the best-known Rams in Australia and the Pacific Rim Countries and are one of the oldest Water Rams in the world. The BBHWRs are still being manufactured in Australia today (for further details please refer to the enclosed Rams Worldwide History details – Document 6990 Rev.1)

- a) The Ram does not require electricity, fuel nor steam to operate
- b) Simple construction and operation – there are only 2 moving parts
- c) Its operation is powered by running water only
- d) Requires very minimal or no maintenance
- e) Heavy duty cast Iron is used for the base, dome and flanges castings, ensuring longevity
- f) No plastic parts used
- g) Renowned for its proven longevity (60 - 100+ years) and operational reliability. We have instance where second or third generation Australian farmers are still operating the same Ram they initially purchased - i.e. A third-generation farming family, based in Far North Queensland, Australia have been using the BBHWRs for over 100 years!
- h) BBHWRs Testimonials from various end users are available on request
- i) Guaranteed to operate with water head delivery of up to 200 feet (Requires 20 ft Drive Pipe fall). Some of our customers have their BBHWRs operating at a substantially higher head delivery (i.e.300ft, with available Drive Pipe fall of more than 30ft). The higher BBHWRs water head delivery capability depends on the availability of larger terrain fall for the Drive Pipe. Instances where the water supply Drive Pipe fall substantially exceeds 10% of the ultimate vertical elevation location, is a prerequisite for the BBHWRs higher head water delivery capability.
- j) Exclusive extended 2 - year warranty on the Base, Dome and three Flanges (threads excluded). Other Parts are subject to a 12 months warranty.

For further BBHWRs information, details, photographs and Video viewing the of the BBHWR in operation, please refer to our Websites: <http://www.misaltech.com> ; where the BBHWRs Section can be found under the **Billabong Tab**. Additional information is also available from our second BBHWRs Website www.billabongwaterram.com.

A long-term licensing arrangement is also available to the Distributors wishing to establish BBHWRs manufacturing facilities in the Distributor's Country of residence. Exercising Licensing option would become available upon establishment of successful Distributorship relationship. The BBHWRs Distributorship Appointment may also provide an option for marketing the BBHWRs in various predetermined Countries, in addition to his own Country of primary business operation. Such option would require to be supported by the Distributor's proven 2-year sale record for BBHWRs and demonstration by the Distributor through a proven business case.

Should your company be interested in either of the above business opportunities please confirm accordingly. We will be happy to provide you with any additional information on BBHWRs, testimonials and relevant Distributorship / Licensee appointment terms, details and documentation.

For further details and expression of interest please do not hesitate to contact us.

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Yours faithfully,
Misal Technologies Pty. Ltd.



Manfred Mayboehm
M.Sc. (Elec.); CP. Eng.; M.I.E. Aust.
Managing Director

Enclosures Listing:

1x Document 6990 Rev.1 © (08.01.2012) – Blue's Country Magazine – Rams worldwide history	1 Page
1x Document 6991 Rev.1 © (08.01.2012) – Billabong 150th Anniversary leaflet	1 Page
1x Document 6548 Rev.1 © (13.07.2014) – Photo – King Lake Victoria, Australia – Ram No.5 installation	1 Photo
1x Document 6549 © (19.00.2011) – Billabong Rams No.5 and No. 7 Ready for Shipment	1 Photo
1x Document 7504 Rev.1 © (17.07.2015) – Photo – Billabong Rams line up	1 Photo
1x Document 7505 © (26.04.2014) – Photo – Billabong Rams line up (No. 3 – No.7)	1 Photo
1x Document 7506 © (26.04.2015) – Photo – Billabong Rams at the factory, ready for dispatch	1 Photo
1x Document 12172 © (12.01.2020) – Billabong Ram Flyer	3 Pages
1x Document 11731 Rev.1 © (01.02.2020) - Billabong Hydraulic Water Rams - Seeking Distributors and Licensees	1 Page
1x Document 12155 Rev.1 © (17.11.2020) - Billabong Hydraulic Water Rams – Distributorship & Licensing Opportunity Letter of Invitation	4 Pages

Notes:

- 1) All above 10 files, including this four-page Document 10783 Rev.4 (17.11.2010) have been Zipped into **Document 12924 © (17.11.2020). ZIP**
- 2) **Document 10783 Rev.2 (14.07.2019)**, Page 4 provides a Photograph of our current BBHWRs range – Sizes #3, #4, #5, #6, and #7 (Note: BBHWR No. 10 not shown)



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Current BBHWRs – Sizes #3, #4, #5, #6, and #7

Note: BBHWR No. 10 not shown in the photograph