

Xylem's Saajhi Treadle Pump

STEPPING TO PROSPERITY



Solving poverty means solving water

Less than a tenth of the world's population lives on less than \$1.90 a day, close to a quarter of the world's population lives below the \$3.20 line and more than 40% of the world's population – almost 3.3 billion people – live below the \$5.50 line.

Source: World Bank 2020

The smallholder farmer: entrepreneurial, and a true engine of development.

Farmers make up one-third of the world's population; 500 million of them are smallholders who farm for their own food. Yet much of their arable land and entrepreneurial energy are underutilized.

Smallholder farmers are a **compelling market** for solving water, and an undertapped **catalyst for growth**.

Rural product expertise starts with customer intimacy. Customer intimacy starts with observing and listening.







We conducted extensive field visits, interviewing more than 750 farmers across India, while also establishing hybrid value chain relationships with key citizen sector and non-governmental organizations across numerous other developing nations.

The Value Proposition

FOR COMMUNITIES FOR ALL PARTIES FOR FARMERS AND GOVERNMENT AGENCIES LABOR TIME **INCREASED FLOW** WATER EFFICIENCY **REVENUE INCREASE REDUCTION** PER STEP ¹ Completely fieldserviceable, no tools required Manufactured by 25% or greater Greater than 3x or greater yield Nearly one of the world's 15% increase **40% less** in revenue reduction in largest pure-play through output in water output* water usage labor time water companies and cropcycle from pressurized per step from pressurized water delivery increases, water delivery compared to (spray or drip), (spray or drip), rain fed compared with compared with traditional furrow traditional furrow irrigation irrigation 10 additional liters/minute* for similar exertion 80% of farmers surveyed **67% of farmers** surveyed 89% of farmers surveyed (n = 750) favored a brand (n = 750) favored a brand (n = 750) selected a brand or product according to its or product based upon or product based upon convenience of use 2 its output capability 2 its quality ²

¹ Baseline: similar comparative treadle products over ½ acre or less, relative to our Saajhi

² Survey allowed for the selection of multiple responses for a particular question

^{*}Results based on field trials conducted by Xylem. Individual results may vary.

Xylem's Saajhi pump: Defining rural innovation

"Saajhi" originated from the word "Saajhedaari" or "Partnership" which is commonly used in India to address an ally, shareholder, or partner in business.

SMALL OVERALL DIMENSIONS

With its light weight (43 lbs / 19.5 kgs) and compact size (19.5 x 18.5 x 42 inches, 49.5 x 47 x 106.7 centimeters, handle removed), the Saajhi enables both ease of movement in rugged terrain and easy storage back home



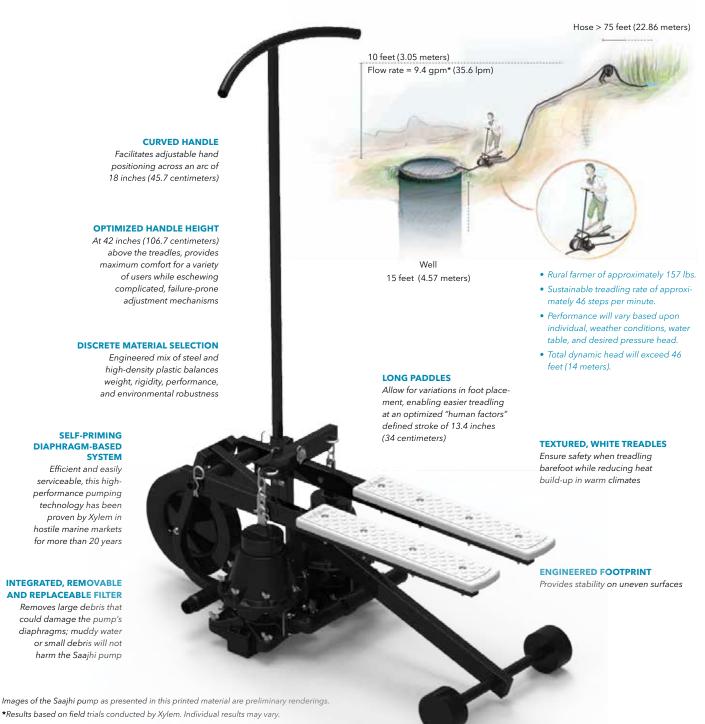
TILT AND TRANSPORT DESIGN

Ergonomic angle-and-wheel combination is optimized for center of gravity, aiding even smaller users in transporting to and from the field

SIMPLIFIED MAINTENANCE

Assembled with minimal parts, all of which are easily replaceable in the field with no special tools





Xylem | 'zīləm

- 1) The tissue in plants that brings water upward from the roots.
- 2) A leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and reused in the future is central to our work. Our products and services move, treat, analyse, monitor, and return water to the environment, in public utility, industrial, residential, and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies, and advanced analytics solutions for water, electric, and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

To know more about Xylem, visit us at our website www.xylem.com/india and for any sales, service and maintenance related support call our toll free no. **1800-572-XYLEM (99536)** or write to us at indiasales@xylem.com | indiaservice@xylem.com



www.xylem.com

Xylem Water Solutions India Pvt. Ltd.

Registered Office, Factory and RD&E

Plot No. 731, GIDC Savli, Manjusar, Savli Road, Vadodara, Gujarat - 391770 Tel: +91 2667615800

Noida Office

4th Floor, Tower-C, Galaxy Business Park, A-44 & 45, Sector 62, Noida, Uttar Pradesh - 201 309 Tel: +91 120 6728112

Gurugram Office

Level 4, Augusta Point, DLF Golf Course Road Sector 53, Gurugram, Haryana - 122002 Tel: +91 124 435 4213

Vadodara ITC Office

2nd and 3rd floor, ARK Building, Shree Krishna Industrial Estate, Opp. Gorwa BIDC, Vadodara - 390016

Mumbai Office

7th Floor, Coral Square, Opp. Suraj Water Park, Vijay Garden Naka, Ghodbunder Road Thane West, Maharashtra - 400607 Tel: +91 22 62644300

Bengaluru Factory

Plot No.61/2 B (Part), Avalahalli, Off Old Madras Road, Virgonagar Post, Bengaluru, Karnataka-560049

Bengaluru Office

Karle Town Center- SEZ, Hub#2, 4th floor, Survey# 61/1, 61/2. Kempapura Main Road, Bengaluru, Karnataka - 560045 Tel: +91 80 6679 4000