

 Tulima Solar

PRODUCT CATALOGUE

2025 - 2026

tulimasolar.com



Tulima Solar is a pioneering company at the forefront of enhancing agricultural productivity in rural Uganda. Our commitment to rural development and sustainable agriculture drives us to provide innovative, locally-appropriate agricultural equipment that directly and positively impacts productivity, food supply, and rural incomes.

We offer a full-service approach, including system design, underwriting customer financial risk, installation, and monitoring and after-sales service. We offer a full range of surface and submersible Solar Powered Irrigation System & Kits ranging from 120W to 5,400W, delivering 7m³/day to 145m³/day. In our wide experience working both in Tanzania and Uganda, we have evidently learnt that solar driven irrigation doubles farmers productivity through increased food production and income increasing the prosperity for the farmers overtime.

We are a Last Mile distribution and financing company focused exclusively on improving livelihoods of smallholder farmers with solar Powered Irrigation Equipment (SPIS). Tulima Solar was established in Uganda in August 2019 and the same company has been in existence for 8 years as Simusolar in Tanzania. We focus on commercial Last Mile distribution of irrigation equipment powered by solar energy to break the poverty cycle through increased productivity and earnings for farmers that majorly participate in Horticulture, Livestock, Grain and Coffee value chain.

Our mission is clear - to empower rural communities in Uganda through clean-energy powered agricultural solutions. We believe that access to modern and efficient farming equipment can transform the lives of smallholder farmers, boost food production, and elevate economic prospects for rural households.

WHY TULIMA

Solar Power

For a Brighter Future

*Clean, Efficient, and Affordable
Energy Solutions*



Since
2001



Presented by
Jamie Chastain



Website
www.reallygreatsite.com



**IRRIGATION
EXPERTS YOU
CAN TRUST**

Kaduyu Road, Ntinda - Kyambogo

0800 388 883

info@tulimasolar.com

2025-2026

www.tulimasolar.com

Affordable | Reliable | Customized | Irrigation Systems



MISSION

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COMMITMENT

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WHY TULIMA SOLAR



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OUR GLOBAL IMPACT

Increased Productivity for farmers by equipping them with our solutions, experience higher crop yields and improved agricultural output, ensuring food security for their families and communities.



Environmental Sustainability by harnessing the power of the sun and reducing the reliance on fossil fuels, we contribute to a greener, more sustainable future for Uganda.



Income Growth: Our initiatives support rural income generation by reducing operational costs and increasing the value of agricultural produce, allowing farmers to earn more from their efforts.



SUBMERSIBLE PUMPS

PRODUCT
QUALITY IS
ALWAYS
OUR
PRIORITY



INTRODUCTION OF
NEW
PRODUCTS AND STRATEGIES

 Tulima Solar

The Kinaplus Pump

The Kina Plus pump is a reliable solution for water pumping needs. With a Total Dynamic Head (TDH) of 160 meters, it efficiently delivers water even in challenging conditions. Dependable performance meets sustainable energy, ensuring consistent water supply for various applications.



TECH SPECS



TDH (M)
160



Voltage (Vdc)
504



Module
Rating(W)
280



Power
Rating (W)
3000



Pipe used: HDPE
Pipe(1.5"/50mm)



Flow rate (L/Hr)
8325

Chemchemplus Pump

This innovative pump boasts a Total Dynamic Head (TDH) of 70 meters, delivering an impressive output of 88,000 liters of water per day. Efficient, reliable, and eco-friendly, it ensures consistent water supply for various applications.



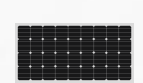
TECH SPECS



TDH (M) 70



Voltage (Vdc)
504



Module
Rating(W)
280



Power Rating
(W) 3000



Pipe used: HDPE
Pipe(2"/63mm)



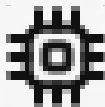





Flow rate
(L/Hr) 14760

Mtoplus Pump

The Mtoplus pump boasts a Total Dynamic Head (TDH) of 35 meters, delivering efficient water flow. Engineered for reliability, it combines cutting-edge technology with eco-conscious design, ensuring optimal performance in diverse environments.



TECH SPECS

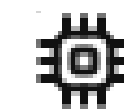
-  TDH (M) 35
-  Voltage (Vdc) 280
-  Module Rating(W) 280
-  Power Rating (W) 3000
-  Pipe used: HDPE Pipe (2"/63mm)
-  Flow rate (L/Hr) 24195

Champakazi Pump

Our Champakazi Pump harnesses the sun's energy to deliver efficient and sustainable water pumping solutions. With innovative design and reliable performance, it offers eco-friendly irrigation for agricultural needs, empowering communities with clean energy technology.



TECH SPECS



TDH (M) 80



Voltage (Vdc)
40-96



Module
Rating(W)
280



Power Rating
(W) 800



Pipe used: HDPE
Pipe (0.75"/25mm)



Flow rate
(L/Hr) 1500

The Tija Pump

The Tija pump is an innovative and efficient solar-powered water pump designed for agricultural and domestic use. With its sleek design and advanced technology, it harnesses solar energy to deliver reliable water supply, offering sustainability and cost-effectiveness for rural and off-grid communities.



TECH SPECS



TDH (M) 30



Voltage (Vdc)
40-76



Module
Rating(W)
280



Power
Rating (W)
600



Pipe used:
HDPE Pipe
(1.25"/40mm)



Flow rate
(L/Hr) 2000

The Kilimo Fursa

The Kilimo Fursa pump is a cutting-edge agricultural irrigation solution designed to maximize crop yield. Powered by solar energy, it ensures reliable water supply for farming, enhancing efficiency and sustainability. With its innovative design and user-friendly features, it revolutionizes small-scale farming, empowering farmers to thrive.



TECH SPECS



TDH (M) 60



Voltage (Vdc)
1.8-4.8



Module
Rating(W)
280



Power Rating
(W) 600



Pipe used: HDPE
(0.75"/25mm)



Flow rate
(L/Hr) 1333

SURFACE PUMPS

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INTRODUCTION OF
NEW
PRODUCTS AND STRATEGIES

 Tulima Solar



Increased Productivity, Environmental Sustainability, Custom Financing Plans, Income Growth

JIWESHE PUMP

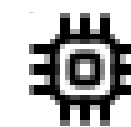
The Jiweshe pump, equipped with cutting-edge technology, delivers a remarkable Total Dynamic Head (TDH) of 25 meters. With an impressive flow rate of 38,000 liters per hour, it ensures efficient and sustainable water distribution for various applications.



Tech Specs



Voltage (Vdc)
280



TDH (M) 25



Flow rate (L/Hr)
38000



Power Rating (W) 2200



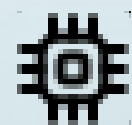
Pipe used: Flexible Pipe (3")



Module Rating(W)
2800

FAIDIKA PUMP

This pump is engineered for optimal agricultural irrigation. With a Total Dynamic Head (TDH) of 22m and a high-flow rate of 18000 liters per hour, it ensures efficient water distribution for enhanced crop growth."



TDH (M) 22



Voltage (Vdc)
96



Module Rating(W)
280



Power Rating
(W) 1500



Pipe used: Flexible
Pipe (2\"/>

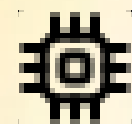


Flow rate (L/Hr)
18000



MASIKA PUMP

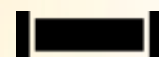
The Masika pump, boasting a Total Dynamic Head (TDH) of 16 meters, synergizes with our technology to deliver an impressive flow rate of 60,000 liters of water per hour, ensuring efficient and sustainable water management solutions.



TDH (M) 25



Module Rating(W)
280



Pipe used: Flexible
Pipe (4")



Voltage (Vdc)
280



Power Rating
(W) 2200



Flow rate (L/Hr)
60,000

Increased Productivity, Environmental Sustainability, Custom Financing Plans, Income Growth



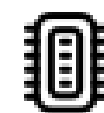


ENNOS SUNLIGHT

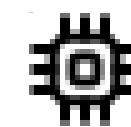
The ENNOS SUNLIGHT pump with a Total Dynamic Head (TDH) of 35m and a robust flow rate of 3500 liters per hour. Harnessing solar power for efficient and sustainable water pumping solutions."



Tech Specs



Voltage (Vdc)
52



TDH (M) 40



Flow rate (L/Hr)
3500



Power Rating
(W) 500



Pipe used: Flexible
Pipe (3")



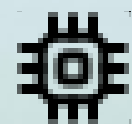
Pipe used: HDPE
(1.25"/40mm)

Increased Productivity, Environmental Sustainability, Custom Financing Plans, Income Growth

KILIMO BORA

This pump is engineered for optimal agricultural irrigation. With a Total Dynamic Head (TDH) of 35m and a high-flow rate of 3520 liters per hour, it ensures efficient water distribution for enhanced crop growth.

Specs



TDH (M) 35



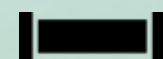
Voltage (Vdc)
48



Module Rating(W)
280



Power Rating
(W) 800



Pipe used: Flexible
hosepipe
(0.75"/25mm)



Flow rate (L/Hr)
3520



Increased Productivity, Environmental Sustainability, Custom Financing Plans, Income Growth



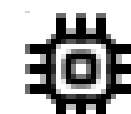
KILIMO POA

The Kilimo Poa pump is a high-performance solution for agricultural irrigation. With a Total Dynamic Head (TDH) of 25 meters, it efficiently delivers water, powered by solar energy, ensuring sustainable and cost-effective farming practices.

Tech Specs



Voltage (Vdc)
280



TDH (M) 25



Module Rating(W)
280



Power Rating
(W) 2200



Pipe used: Flexible
Pipe (3")



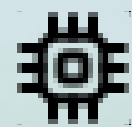
Flow rate (L/Hr)
38000

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KILIMO KWANZA

The Kilimo Kwanza Pump, crafted for smallholder farmers. With its compact briefcase panel, it's effortlessly portable, enabling mobility across fields. Empowering farmers with efficient water movement, anytime, anywhere.

Tech Specs



TDH 20



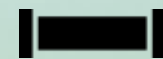
Voltage (Vdc)
24



Module Rating(W)
200



Power Rating
(W) 200



Pipe used: Flexible
hosepipe
(0.75"/25mm)



Flow rate (L/Hr)
1170

Increased Productivity, Environmental Sustainability, Custom Financing Plans, Income Growth



OUR LOCATIONS



HEAD OFFICES

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- Kyambogo

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LIRA OFFICE

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THANK YOU





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Pumping trust. Worldwide.

 **Tulima Solar**

COMMERCIAL AND INDUSTRIAL PUMPS

NEW
PRODUCTS CATALOGUE

*Kaduyu Road, Ntinda - Kyambogo 0800 388 883 |
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WHY TULIMA SOLAR

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We offer a full-service approach, including system design, underwriting customer financial risk through partners, installation, and after-sales service. We offer a full range of surface, submersible, dewatering and water system pumping solutions that serve numerous applications in industries, agriculture, fire fighting, construction and mining.

In our wide experience working both in Tanzania and Uganda, we have evidently learnt that such pumping solutions offer Productivity through increased food production, water delivery and industrial throughput, which increase income and the prosperity for the economy.

Since 2019

Commitment & Mission



► COMMITMENT

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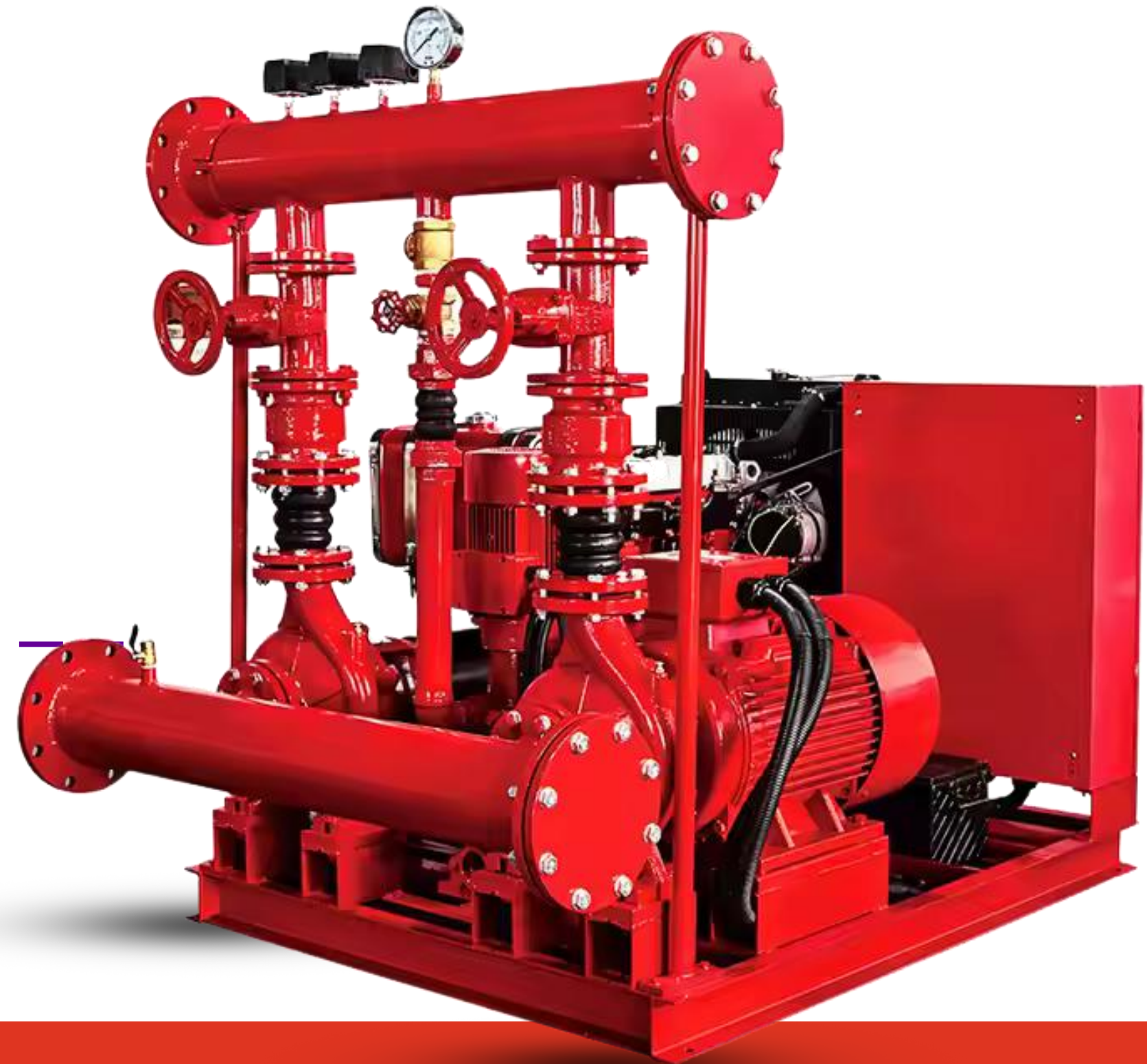
► MISSION

ooo

To empower industries, agriculture, construction and mining industries in EAC through pumping and processing solutions. We believe that access to modern and efficient commercial and industrial equipment can transform lives, boost production, and elevate economic prospects across EAC.

C&I PUMPS

PRODUCT
QUALITY
IS ALWAYS
OUR
PRIORITY





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HORIZONTAL DOMESTIC BOOSTER PUMPS

CT & CTSS SERIES

Ideal for residences, commercial buildings, and industries, this system ensures efficient water transfer in food processing, reliable pressure boosting, and dependable utility water supply across various industrial applications.

Power: 0.37 – 15kw

Flow: Upto 56m³/hr

Head: Upto 66m



FIRE FIGHTING SYSTEM

This high-performance firefighting pump delivers heads up to 105 m and flows up to 273 m³/h, powered by 150 kW motors at 1450 or 2900 rpm, with outlets up to 150 mm.

Head	: Upto 170 m
Flow	: Upto 4200 m /hr
Power	: Upto 1460 kW
Speed	: 1450 & 2900 rpm
Outlet size	: Upto 150 mm

HORIZONTAL DOMESTIC BOOSTER PUMPS

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HORIZONTAL MULTISTAGE PUMPS

SCW - SERIES

Designed for efficiency and durability, this pump supports high-pressure industrial applications, ensures reliable water supply for homes and commercial buildings, and powers robust industrial washing and cleaning systems.

Power: 0.37 – 2.2kw

Flow: Upto 11m³/hr





HYDRO PNEUMATIC PRESSURE BOOSTING SYSTEM

MHBS & MVHS SERIES

Versatile pump systems for utility water in industries, pressure boosting, RO processes, high-pressure industrial needs, boiler feed, firefighting jockey use, hot water circulation, and agricultural irrigation applications.

Head: Upto 320m

Flow: Upto 1200m³/hr Individually

Power: Upto 110kw

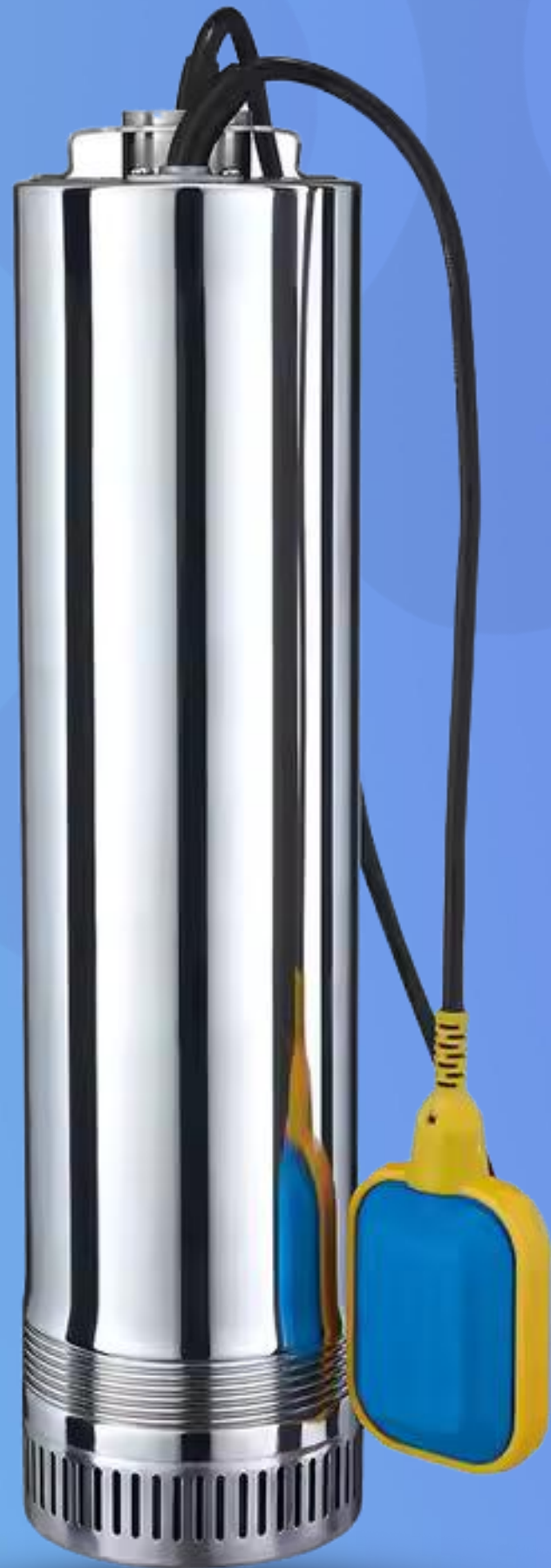
DEEPWELL SUBMERSIBLE RESIN FILLED ENCAPSULATED MOTORS

R SERIES

Submersible pumps deliver reliable water movement for agriculture, irrigation, commercial buildings, pressure boosting, firefighting, sprinkler systems, industrial use, and water supply—ideal for pivot and sprinkler irrigation systems.

Power: Upto 220kw
Flow: Upto 280m³/hr
Head: Upto 535m





BOTTOM SUCTION PUMPS

BS SERIES

Power	: 0.37kW -1.1kW
Flow	: Upto 6 m ³ /h
Head	: Upto 91 m
Speed	: 2900 rpm
Outlet size	: Upto 32 mm



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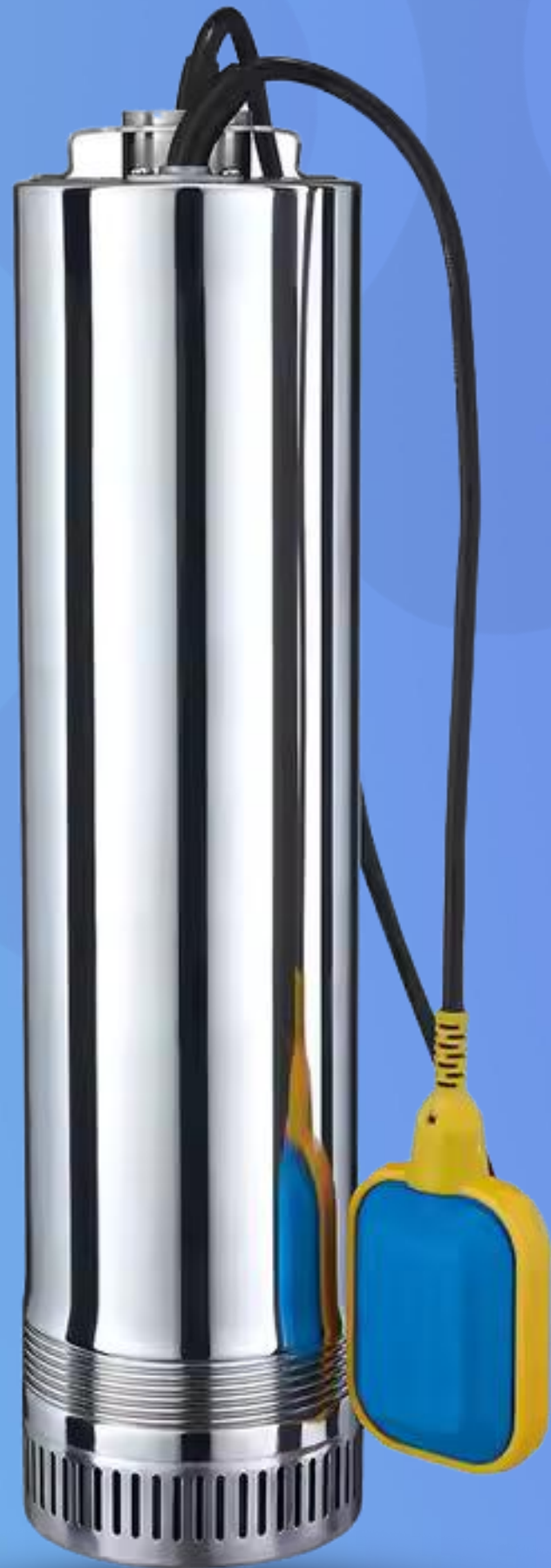
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SEWAGE SUBMERSIBLE PUMPS

SL, SLC & SLS SERIES

Flow	: Upto 43.2 m ³ /h
Head	: Upto 18.1 m
Power	: Upto 2.2 kW
Speed	: 2900 rpm
Solid Size	: Upto 25 mm
Outlet Size	: Upto 65 mm

HYDRO PNEUMATIC PRESSURE BOOSTING SYSTEM

MHBS & MVHS SERIES

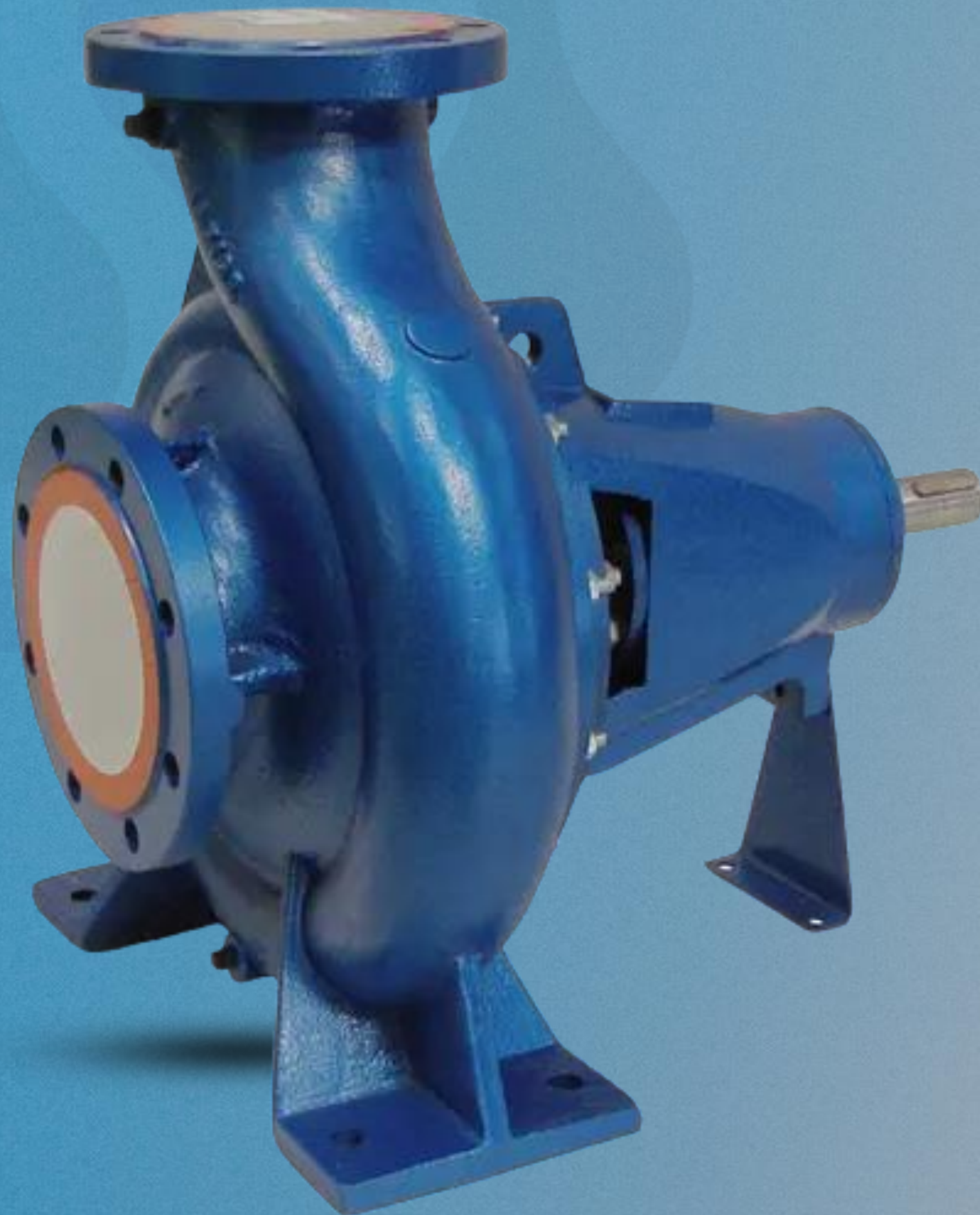
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END SUCTION CLOSE COUPLED PUMPS

ECW, ECC & ECP SERIES

Versatile pumping solutions for water circulation, cooling, treatment, pressure boosting, firefighting, irrigation, and efficient fluid handling across petrochemical, oil & gas, food, dairy, pharmaceutical, and chemical processing industries.

Power: Upto 315kw

Flow: Upto 2500m³/hr

Head: Upto 160m

Temperature: Upto 90 C



PERIPHERAL PUMPS

PE SERIES

Ideal for residential use, fountains, pressure boosting, landscaping, and deep water supply in domestic RO systems, this solution ensures reliable, efficient, and consistent water performance across multiple applications

Power: 0.37 & 0.75kw

Flow: Upto 2.2m³/hr

Head: Upto 55m



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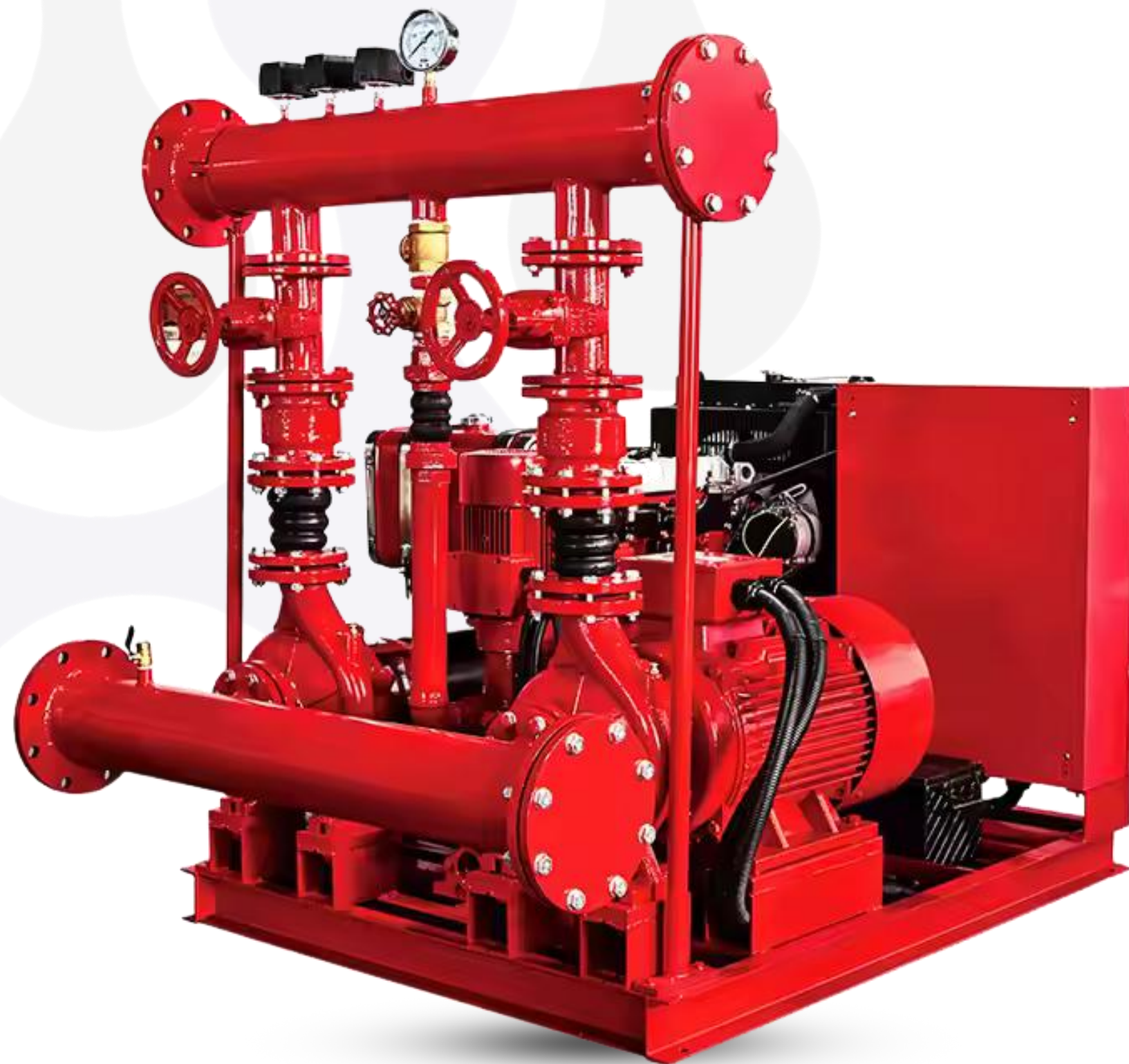


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Thank You!

Increased Productivity, Environmental Sustainability , Income Growth



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Empowering Agriculture With Machinery

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MILLING, THRESHING & HULLING MACHINES

PRODUCT
QUALITY
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AGSOL MICROMILL

SPECIFICATIONS

55 kg/h

Production rate (maize flour)

$65 \text{ kg/kWh} \pm 10\%$

Efficiency (maize flour)

800

Av. power consumption

W
48V DC

Input voltage

30 x 21 x 50cm

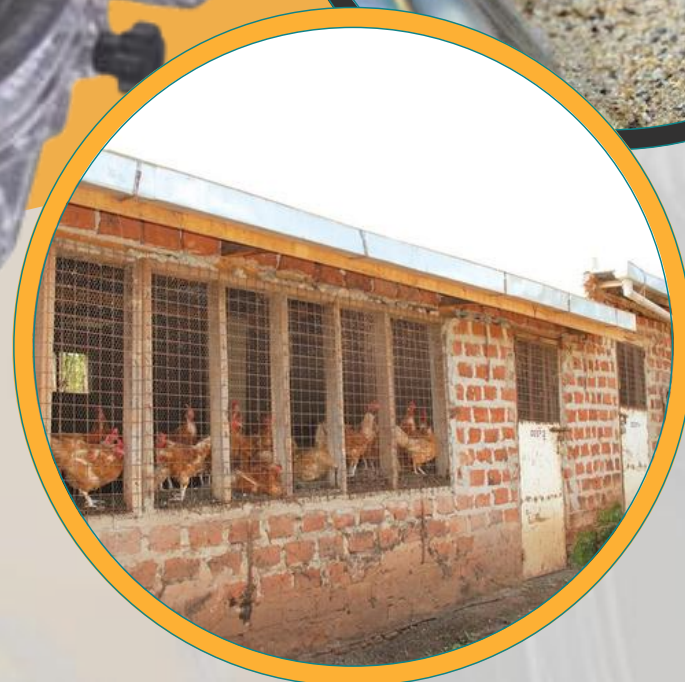
Dimension (L x W x H)

6.5 kg

Machine weight

None

In-rush current







MILLING MACHINE

SPECIFICATIONS

Power: 2.2 KW /3 Hp

Voltage: 220/240 V

Processing Capacity : 80-250kg/hr

Uses an AC Electric motor

Machine Weight: 45kg



THRESHING MACHINE

SPECIFICATIONS

Power: 1.8kW/2.4 Hp

Voltage: 220/240 V

Processing Capacity : 1500-2000kg/hr

Uses an AC Electric motor

Machine Weight: 20kg





HULLING MACHINE

SPECIFICATIONS

Power: 1.8kW/2.4 Hp

Voltage: 220/240 V

Processing Capacity : 60-150kg/hr

Uses an AC Electric motor

Machine Weight: 45kg



 Tulima Solar

AGRO-PROCESSING MACHINES CATALOGUE 2025-2026



NEW
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OUR LOCATIONS



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 Tulima Solar

PRODUCT

CATALOGUE 2025/2026

THANK YOU

**NEW
PRODUCTS** CATALOGUE