

PSI's Innovative Centrifugal Pumps Set New Standards for High Flow Rates in Water Treatment

PSI's centrifugal pumps deliver exceptional flow rates, enhancing efficiency and reliability in water treatment and chemical processing industries.

MIDLAND, TX, UNITED STATES,
November 6, 2024 /EINPresswire.com/

-- [Midland, TX - Process Solutions International \(PSI\)](#) has unveiled its

latest advancements in centrifugal

pump technology, designed to support high flow rates in essential sectors like water treatment and chemical processing. With a focus on reliability and efficiency, PSI's centrifugal pumps deliver optimized fluid handling for a range of industrial applications.

“

Our centrifugal pumps are built for durability and performance, helping companies achieve greater efficiency across diverse fluid handling applications.”

Kye Keliehor

Engineered with durable, high-performance components, PSI's centrifugal pumps are structured to handle rigorous operational demands. These pumps leverage advanced design features, including replaceable wear pads, precision impellers, and corrosion-resistant components. With seven size variations, each unit is tailored to provide consistent, high-capacity fluid transfer while minimizing downtime.

In addition to durability, [PSI's pumps stand out for their efficient energy use](#), contributing to cost savings across operations. The centrifugal pump series, designed with a streamlined structure and state-of-the-art materials, provides reliable solutions that can withstand even the most challenging fluid transfer scenarios.

“[PSI's mission is to enhance productivity](#) for our clients by delivering equipment that exceeds industry standards,” a PSI spokesperson shared. “Our centrifugal pumps are not only built to last but also help companies improve operational efficiency.”



Since 1991, Process Solutions International has remained dedicated to providing top-quality fluid handling solutions. This commitment is evident in the innovative design and engineering of PSI's centrifugal pump line, which continues to set new benchmarks in performance and reliability for the industry.

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MAX2000®
The Exclusive Line of PSI

MUD AGITATORS

The Oilfield Agitation Solution

STANDARD DUTY LOW PROFILE
SEVERE DUTY DROP BEARING

MADE IN U.S.A.
HOUSTON, TEXAS

ISO 9001
CERTIFIED

The advertisement features a red mud agitator assembly against a blue background with white wavy lines. The PSI logo is in the top left, and the text 'MAX2000® The Exclusive Line of PSI' is in the top right. The main headline 'The Oilfield Agitation Solution' is in large white font. Below it, 'MUD AGITATORS' is in a smaller white font. Two lines of product features are listed in blue: 'STANDARD DUTY LOW PROFILE' and 'SEVERE DUTY DROP BEARING'. In the bottom right, there are two circular logos: 'MADE IN U.S.A. HOUSTON, TEXAS' and 'ISO 9001 CERTIFIED'.

PSI
Process Solutions International

You've used the rest.
End the quest.

MAKDADDY

Centrifugal Pumps

The advertisement features a red centrifugal pump assembly against a blue background with white wavy lines. The PSI logo is in the top left. The headline 'You've used the rest. End the quest.' is in white. Below it, 'MAKDADDY' is in large red font inside a white rounded rectangle. Underneath, 'Centrifugal Pumps' is in white. The image of the pump is at the bottom.



The global leader in fluid handling equipment!



MAKDADDY

3" SUPER MAK Self-Priming Pump

Key benefits

Fresh Water - Sea Water - Drilling Mud

Delivers improved performance, better longevity, and cost savings compared to other centrifugal pumps.

Parts are completely interchangeable with other pumps currently on the market.

Open vane impellers designed to reduce turbulence, eliminate recirculation, lower radial and thrust load while providing a smoother flow of fluid throughout the pump.

Recessed impeller for reduced shearing in comparison to a 250 series pump.

Guaranteed performance from a global company.



SIZE - SPECIFICATIONS - OPTIONS

Features

- Pump series: 3" SUPER MAK
- Pump sizes: 3" x 3" (76 mm x 76 mm) NPT - Female
- Casing: Gray Iron 30 Max Operating Pressure 86 psi (593 kPa)
- Semi-Open Type, Two Vane Impeller: 3" x 3" (76 mm x 76 mm) NPT - Female
- Impeller Shaft: Alloy Steel
- Shaft Sleeve: Alloy Steel
- Replaceable Wear Plate: Carbon Steel
- Removable Adjustable Cover Plate: Gray Iron 30
- Flap Valve: Neoprene w/Nylon and Steel Reinforcing
- Radial and Thrust Bearings: Open Single Row Ball / Double Row Ball



CORPORATE OFFICE 281-893-4774 | psimax2000.com



Over 30 years of oilfield experience!



PUMPS



BARE SHAFT PUMPS

- Pump series: 116 & 250
- Pump sizes: 3 x 2 x 13 to 8 x 6 x 14
- Fully open impeller



CLOSED COUPLING PUMPS

- Inline or space saver
- Diesel or electric
- Starters available



SUPER MAK SELF-PRIMING PUMPS

- 3" and 4" options available
- Interchangeable parts
- Open vane impellers



PUMP PARTS

Same-day shipping on parts!



IMPELLER



SUPREME HARD IMPELLER



CASING KIT



POWER END ASSEMBLIES



MECHANICAL SEAL



BEARING SEAL



GLAND



SHAFT SLEEVE



STUFFING BOX



PUMP BEARINGS

AGITATORS



- Low profile or Severe duty drop bearing
- Current designs to 75 hp
- Starters available



AGITATOR PARTS



IMPELLER



CTX AGITATOR CLAMP



PROCESS SOLUTIONS INTERNATIONAL
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Exclusive lines of PSI



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