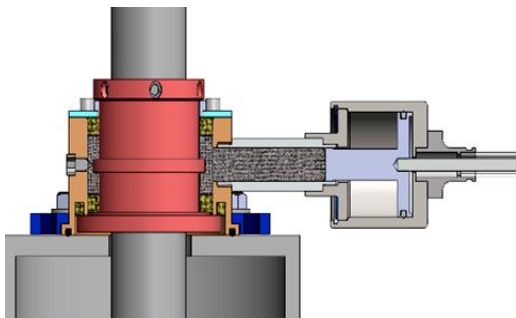




A GAME CHANGER TECHNOLOGY

Air purge with zero risks of sudden failure and zero leakage

Unique & Creative Solutions



TAMAR SEAL Article:

SMIDDY (IMSC) Ltd mechanical seal consultants and Israel-based TAMAR SEAL team up to introduce an innovative new mechanical seal technology to Ireland and European markets.

John Smiddy was first introduced to TAMAR SEAL over 8 years ago, I was intrigued to learn about TAMAR SEAL developments of a pump seal that had been proven not to leak like a traditional mechanical seal.

This sealing technology is integral to such industries as, Chemical & Pharmaceutical, Mining, Paper & Pulp, Food processing companies, Water & Wastewater, Paint, & Varnish manufacturing, and for use on Industrial Powder Handling Equipment in all sectors.

John Smiddy says several factors make the TAMAR SEAL one-of-a-kind, including its use of a flexible sealant barrier, this is not like any other barrier system. The flexible sealant material does not dissipate into the process fluid, thanks to a strong booster that maintains a constantly high-pressure level within the system. TAMAR SEAL also has one of the first predictive mechanical seals, meaning that when the seal eventually begins to wear and calls for more flexible sealant, a sensor is triggered and sends a text message to a mobile phone, making it easier for operators to maintain the system before the seal can wear. Normally this will give the operator 3 weeks advance notice before a sealant refill is required. A mechanical visual indicator is also used for walk-by operators.

John Smiddy says TAMAR SEAL will last an average of 2.5 years before replacement is needed. He says the technology will improve the manufacturer's efficiency while protecting the environment.

“A traditional seal that leaks harmful fluids like acids or solvent vapours into the atmosphere can be damaging to the equipment, the surrounding area and more importantly people's health, often these vapours are not seen and go undetected. ” John says, "TAMAR sealing technology prevents this from happening.”

Other leaders in the mechanical seal industry have taken notice of TAMAR SEAL technology and are quick to point out the advantages it can provide. This advancement in seal technology could have a big impact on several industries, particularly when it comes to protecting the environment, providing the industry with energy and water-saving options, this is a game-changer technology which will help industry meet their net zero targets.

I encourage you to connect John Smiddy, plan a demonstration to show you how the real benefits this sealing technology can bring to your industry.

Visit our website: <https://www.tamar-tech.com/>

<https://www.youtube.com/watch?list=TLGGvTexrypeUvYxNTA2MjAyMQ&v=EARIG9 fdGE>

<https://www.youtube.com/watch?v=XrIJVDEuyys>

TAMAR SEAL

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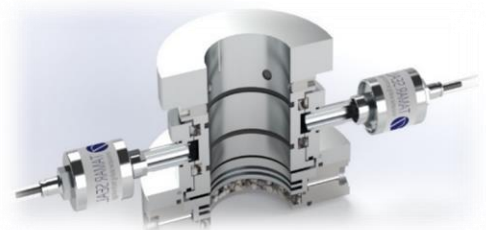
- ❖ **No maintenance required**
- ❖ **Long life**
- ❖ **Accepts radial and axial movement**
- ❖ **Dry running**
- ❖ **Uninfluenced by closed suction/discharge**
- ❖ **Easy to repair while equipment is in position**
- ❖ **No more shaft or sleeve replacements**
- ❖ **Split Seal options**
- ❖ **No fragile seal faces or springs- no sudden shut-down**
- ❖ **Visual or automated indicator for preventive maintenance**
- ❖ **FDA- EU compliant material**
- ❖ **For all industry sectors**
- ❖ **Clean floor working environment**
- ❖ **No equipment modification**
- ❖ **Standard and nonstandard sizes available**
- ❖ **On-site, low-cost refurbishment**

For more information Contact

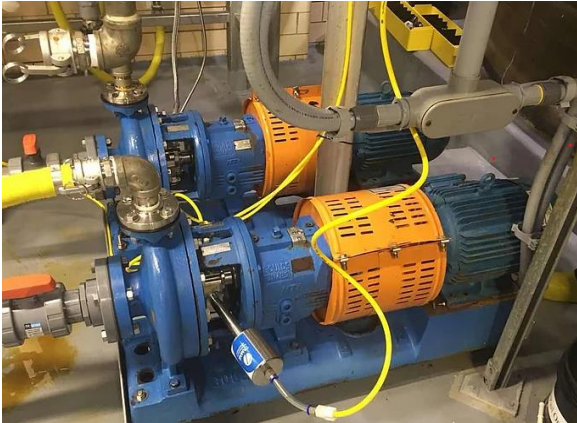
John Smiddy

Managing Director & Technical Support

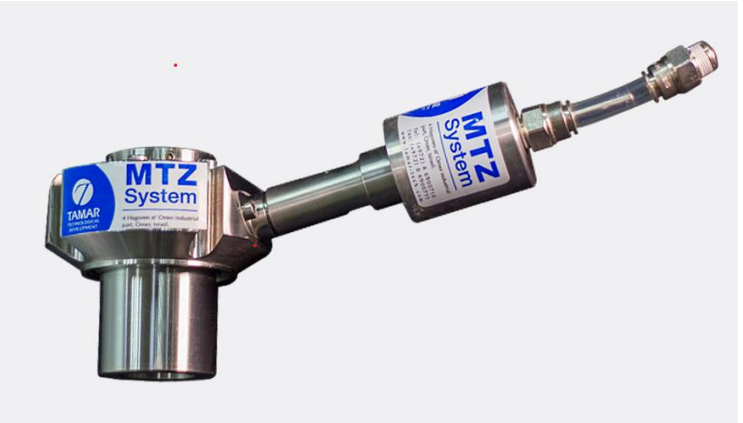
SMIDDY (IMSC) Ltd



TAMAR SEAL specialises in the development and production of reliable and cost-effective rotary shaft sealing systems. TAMAR SEAL can fit just about any equipment, such as **Centrifugal Pumps, PC Pumps, Screw Pumps, Screw Conveyors, Rotary Valves, Agitators, Mixers & Reactors.**



Pump Applications



Slurry Pump Applications



Slurry Pump Applications





PC Pump Applications



Rotary Valve Applications



Mixer Applications





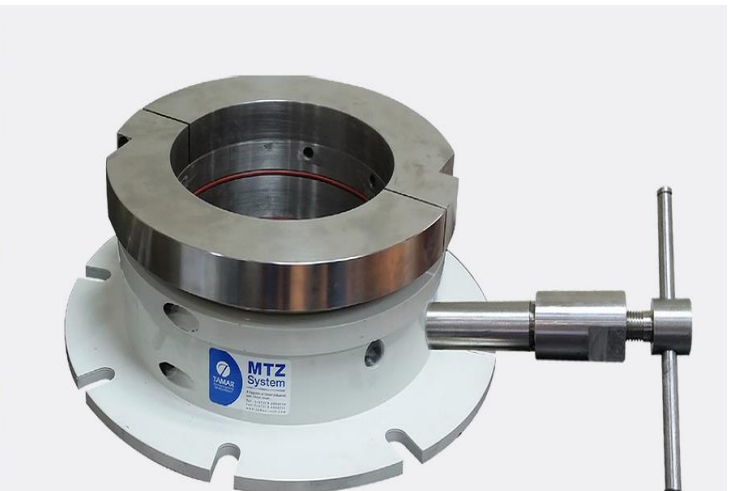
Ribbon Mixer Applications

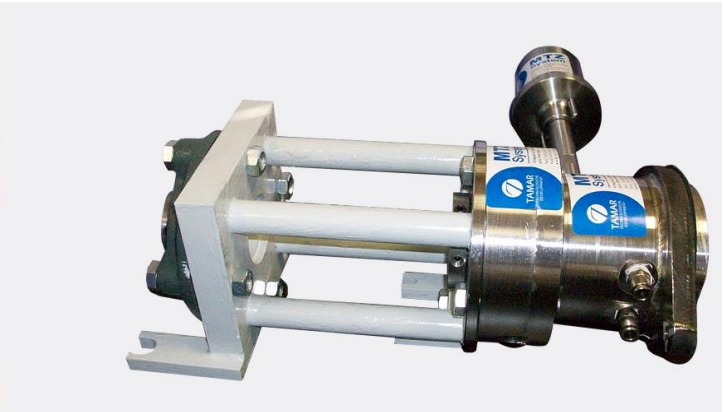


Screw Pump Applications



Vacuum Dryers





Powder Handling Equipment



Screw Conveyor



Auger Screw Conveyor

Contact Us



Marine Prop shaft Applications



Extraction Fans



Slurry Pumps



Reactors

Contact us to see a full review of all our case histories

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