



TAMAR SEAL™

Innovative sealing technology

TAMAR SEAL 510-RM FOR WET AND DRY APPLICATION



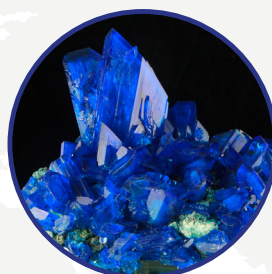
12 MONTHS WARRANTY



Paint industry



Chemical industry



Mineral industry



Paper industry

HEAVY DUTY SEAL

PARAMETERS

- Max. sealing pressure _____ vacuum to 1 bar (15 psi)
- Max. shaft speed _____ 3 m/s (10 f/s)
- PH _____ 0-14
- Max Temperture _____ 120°C (248°F)
- Max radial runout _____ 0.5mm (0.02")

Consult Tamar for parameters that exceed the range above

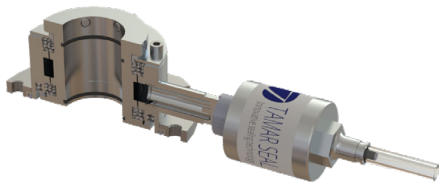
Features

MTZ 510-RM provides solution for wet or dry process side entry mixers.

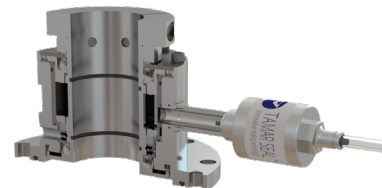
The MTZ 510RM can handle any process and provides 3-4 weeks notification before maintenance.

- Optional split cartridge type - simple and easy installation
- Can be serviced while the equipment is running, no downtime
- Simple to install and maintain
- Average life before servicing-2 years

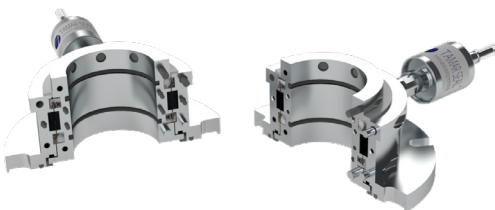
Seal options



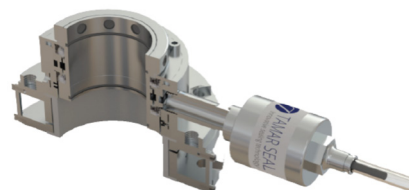
Standard dimensions for typical applications



Air flushed seal for sanitary or high-pressure applications



Split seal arrangement for large shaft diameter



Unique "floating seal" design for high run-outs

SUCCESS STORY

Application and Issue:

- The customer has several side entry mixers for **sugar molasses**
- The mixers were previously sealed by **packing**
- The customer had constant leaks due to **run-outs**
- The sugar molasses is very thick, hard to mix and **harder to clean**
- **The large shaft (200mm-8") necessitated a splite design**

The solution:

TAMAR 510-RM seal:

- **No faces or springs** to damage
- **Splite seal design**
for fast installation and repair
- Life expectancy of **min.3 years**



The result:

The seal works perfectly for over **1 years**, additional seals were installed and the floor is **clean!**

No leakage

No maintenance

NO down time



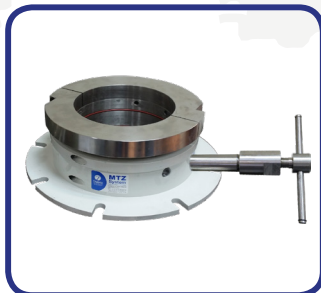
Reliable | Smart | Simple

Patent No: 8,215,643 B2

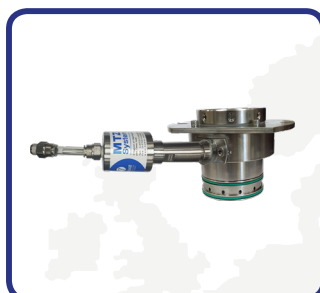
TAMAR SEAL RANGE



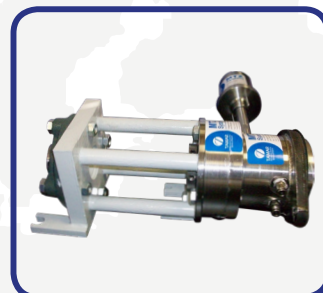
410-SF Screw Conveyors



420-VD Vacuum dryers



430-RV Rotary valves



440-PM Packing machines



450-SP Screw pumps



510-RM Ribbon mixer



610-AG Agitators



620-BL Blowers



710-SP Slurry pumps



720-PP Process pumps



730-TP Turbine pumps



740-PC Progressive cavity pumps

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