



TAMAR SEAL™
Innovative sealing technology

TAMAR SEAL 520-BM FOR BOTTOM ENTRY MIXERS



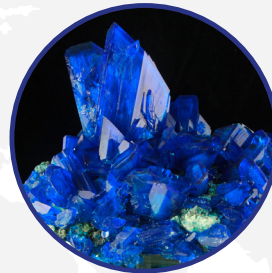
12 MONTHS WARRANTY



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 Temperature _____ 120°C (248°F)
- Max radial runout _____ 0.5mm (0.02")

Consult Tamar for parameters that exceed the range above

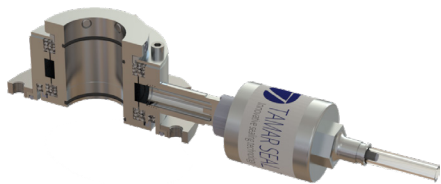
Features

MTZ 520-BM provides solution for wet or dry process botto entry mixers.

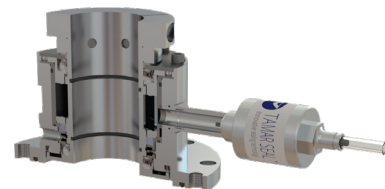
The MTZ 520BM can handle any application and provides 3-4 weeks notification before maintenance.

- 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

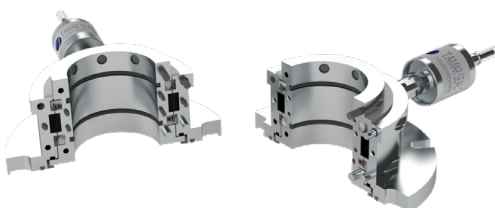
Seal options



Standard dimensions for typical applications



Air flushed seal for sanitary or high-pressure applications



Split seal arangment for large shaft diameter



Unique "floating seal" design for high run-outs

SUCCESS STORY

The Challenge

- The customer has three bottom entry mixers for dry powders
- The media is poisonous, and subjecte to constant "sniffer" tests



Operational Parameters:

- Working Temperature: **70°C** (158°F)
- Shaft Dia.: **50mm** (2")
- Speed: **150** rpm
- Pressure: 0.5 bar (7psi)



The Solution:

TAMAR 520-BM seal:

- **No faces** or **springs** to damage
- **Online constant injection system**
- a-sealing barrier that holds the back the process material
- Life expectance of **min. 3 years**

The Result

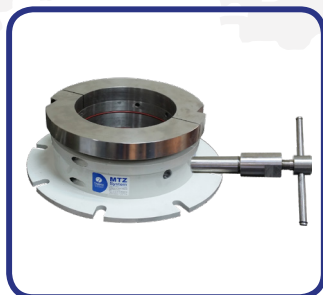
The seal is working leak free for over 4 years!



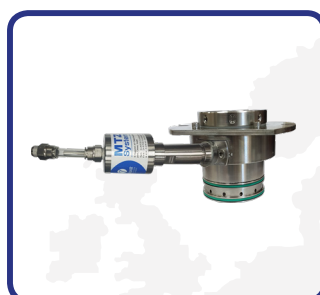
TAMAR SEAL RANGE



410-SF Screw Conveyors



420-VD Vacuum dryers



430-RV Rotary valves



440-PM Packing machines



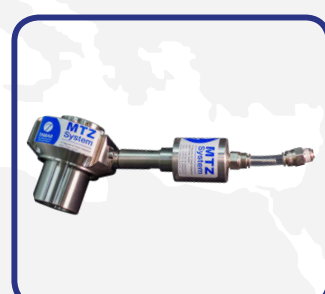
450-SP Screw pumps



510-RM Ribbon mixer



610-AG Agitators



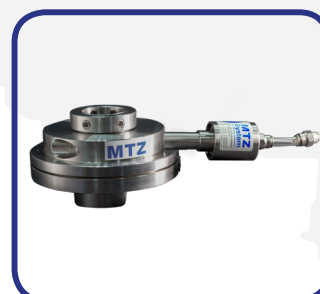
620-BL Blowers



710-SP Slurry pumps



720-PP Process pumps



730-TP Turbine pumps



740-PC Progressive cavity pumps

Your local TAMAR distributor:

www.tamar-tech.com