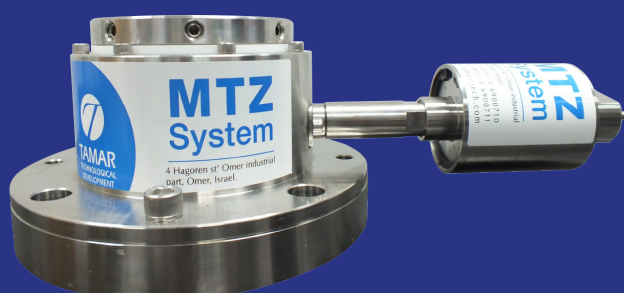




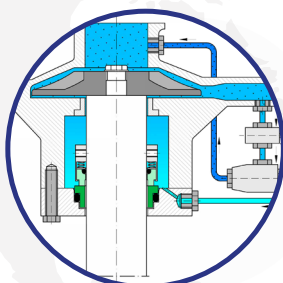
TAMAR SEAL™

Innovative sealing technology

TAMAR SEAL 610-AG FOR MIXER AND AGITATORS



24 MONTHS WARRANTY



No Barrier fluid – no
product contamination



120mmHg Vacuum
up to 1 bar



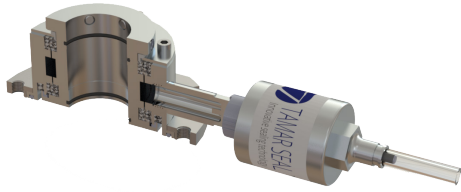
Withstands up to
200C



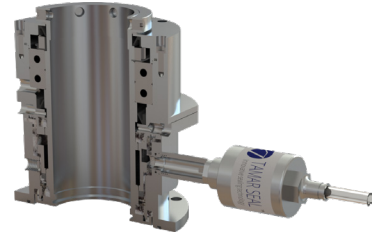
Capable of passing
"sniffer" tests

HEAVY DUTY SEAL

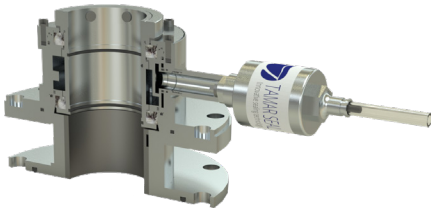
SEAL OPTIONS



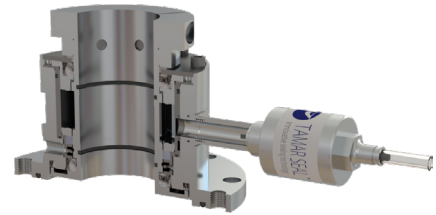
Standard dimensions for typical applications



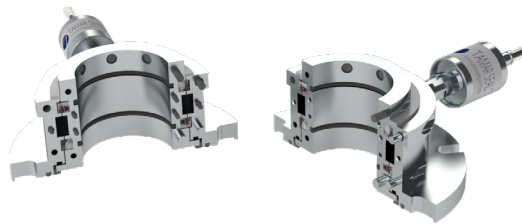
Bearing supported for custom designed applications



Jacketed seal for extreme temperature applications



Air/Nitrogen flushed seal for "sniffer" monitored applications



Split seal arrangement for large shaft diameter

Features

MTZ 610-AG provides a solution for **agitators and mixers**.

- Can be serviced while the equipment is running- no downtime
- Acts as a third bearing to support shaft
- Average life before servicing - 3 years

SUCCESS STORY

Application and Issue:

- Customer manufactures flame retardant
- “sniffer” tests allow a max **200ppm** emission value
- Leakage of barrier fluid into the tank was a source of **contamination**
- The large shaft size, heavy gear and motor along with expensive downtime, made **seal replacement a very long and expensive issue**

Operational Parameters:

- Sealed gasses: Toluene
- Working Temperature: 80°C (176°F)
- Shaft Dia.: 125mm (5")
- Speed: 100rpm
- Pressure: 0.5 bar (8 psi)



The solution

TAMAR 610-AGS split seal with a nitrogen flush ring:

- Eliminate use of a liquid based, face type seal - no barrier fluid
- Split seal design - eliminate the need of dismantling for seal repair
- Nitrogen flush –acts as a safety mechanism for toluene leakage



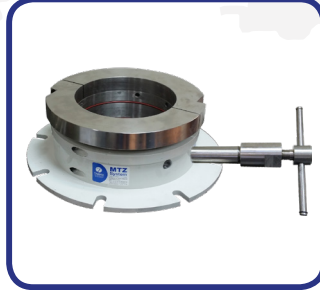
Reliable | Smart | Simple

Patent No: 8,215,643 B2

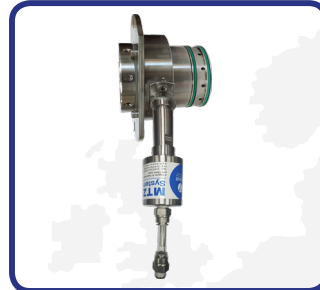
TAMAR SEAL RANGE



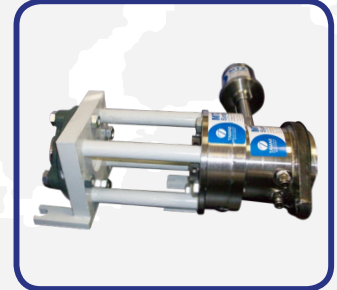
410-SF Screw Conveyors



420-VD Vacuum dryers



430-RV Rotary valves



440-PM Packing machines



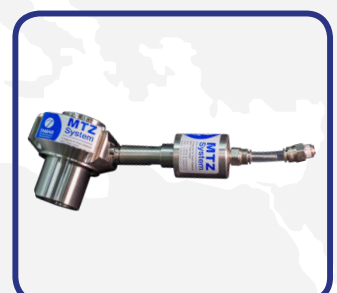
450-SP Screw pumps



510-RM Ribbon mixer



610-AG Agitators



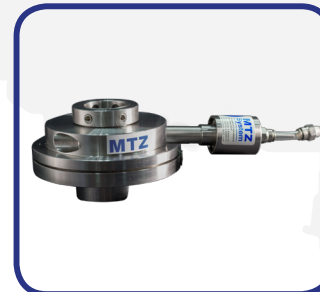
620-BL Blowers



710-SP Slurry pumps



720-PP Process pumps



730-TP Turbine pumps



740-PC Progressive cavity pumps

Your local TAMAR distributor:

www.tamar-tech.com