



Quarry Applications
BUILT FOR WORK®



FLOW CHART | Sand and Gravel Processing Operation

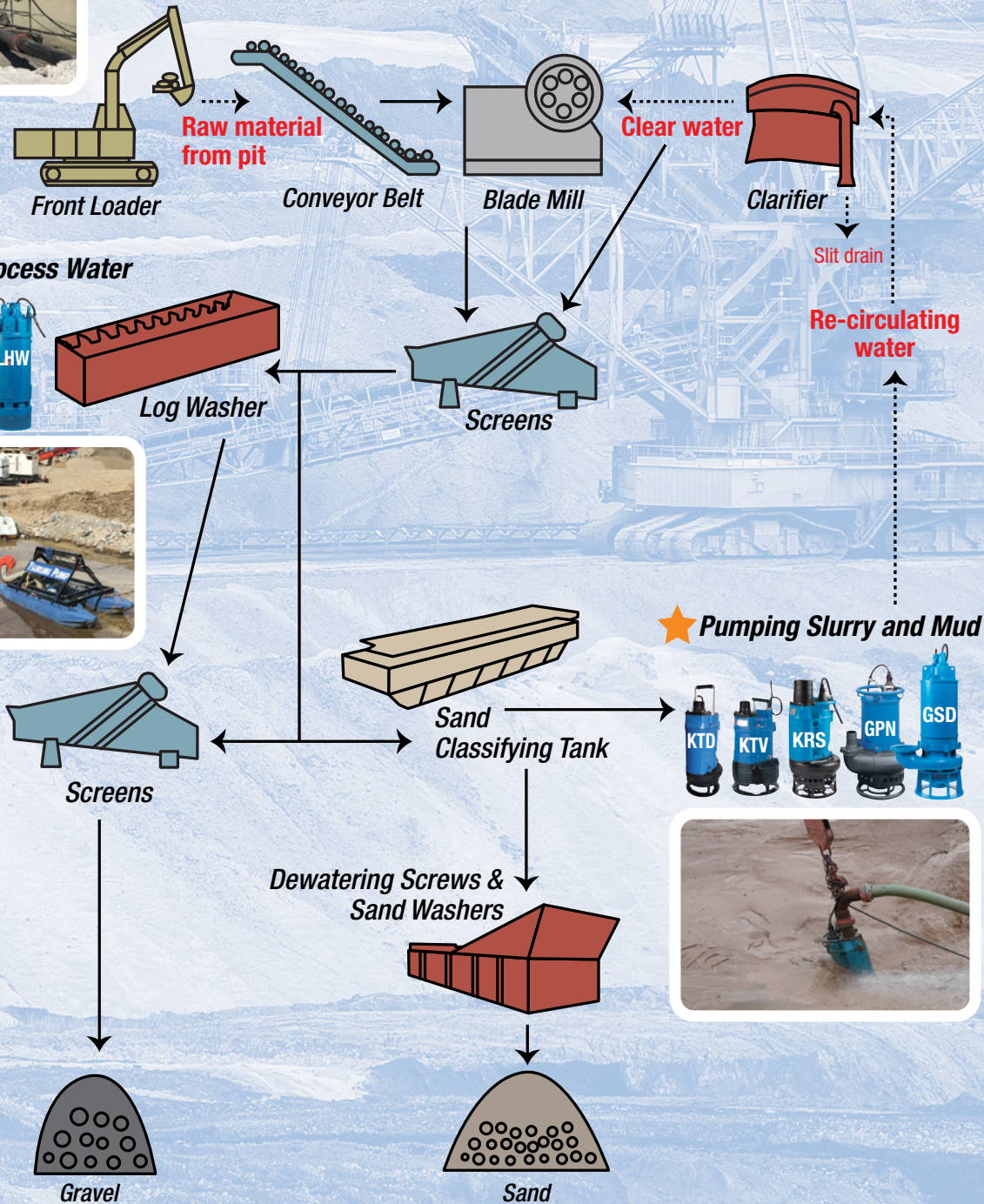
Site Dewatering



Supplying Process Water



Pumping Slurry and Mud



The Right Pump for Each Job

Site Dewatering **GSZ** | **KRS** | **KTZ** | **LH**



High volume or high head dewatering for pond level control or removal of unwanted water from your site. Dry up the plant site after rain events or from process overflow.

Pump installation can vary to meet specific needs such as: Sumps, pits and basins, slotted casings or flotation barges.

PRODUCT RANGE

[GSZ]

Output (HP): 30 - 200
RPM: 1160 - 1775 (4 Pole / 6 Pole Motors)
Max. Solid Passage (in.): 0.394 - 1.97

[KRS]

Output (HP): 3 - 50
RPM: 1165 - 1700 (4 Pole / 6 Pole Motors)
Max. Solid Passage (in.): 0.472 - 1.97

[KTZ]

Output (HP): 2 - 15
RPM: 3400 - 3545 (4 Pole / 6 Pole Motors)
Max. Solid Passage (in.): 0.334 - 0.787

[LH]

Output (HP): 4 - 150
RPM: 3420 - 3570 (4 Pole / 6 Pole Motors)
Max. Solid Passage (in.): 0.236 - 0.787

Supplying Process Water **GSZ** | **LH** | **LHW**



High head or high volume pumps used to provide necessary water flow and pressure to your plant process. Typically pumping cleaner water when used to feed spray nozzles for aggregate wash-down and cleaning.

PRODUCT RANGE

[GSZ]

Output (HP): 30 - 200
RPM: 1160 - 1775 (4 Pole / 6 Pole Motors)
Max. Solid Passage (in.): 0.394 - 1.97

[LH]

Output (HP): 4 - 150
RPM: 3420 - 3570 (4 Pole / 6 Pole Motors)
Max. Solid Passage (in.): 0.236 - 0.787

[LHW]

Output (HP): 4 - 150
RPM: 3430 - 3570 (4 Pole / 6 Pole Motors)
Max. Solid Passage (in.): 0.236 - 0.334

★ Pumping Slurry and Mud **AGITATOR PUMP SERIES**



Dewatering and transferring slurry or water laden with abrasive particles from the wash-down process or from muddy ground water run-off. Agitator Series pumps utilize built-in agitator on the shaft below the impeller to suspend solids for pumping slurry out of pits or sumps.

PRODUCT RANGE

[AGITATOR PUMPS - KTD & KTV]

Output (HP): 2.7 - 4
RPM: 3410 - 3450 (2 Pole Motors)
Max. Solid Passage (in.): 0.334 - 0.394

[AGITATOR PUMPS - KRS, GPN & GSD]

Output (HP): 5.4 - 100
RPM: 1160 - 1775 (4 Pole / 6 Pole Motors)
Max. Solid Passage (in.): 0.984 - 1.81

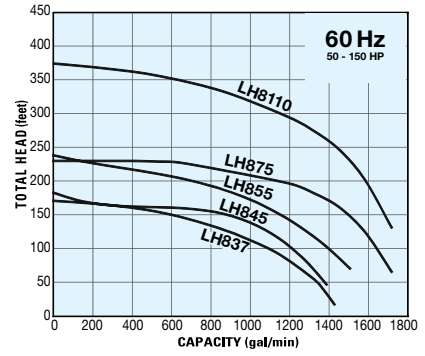
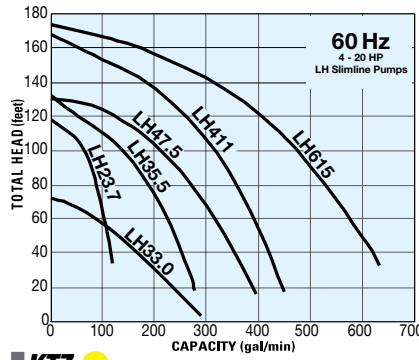
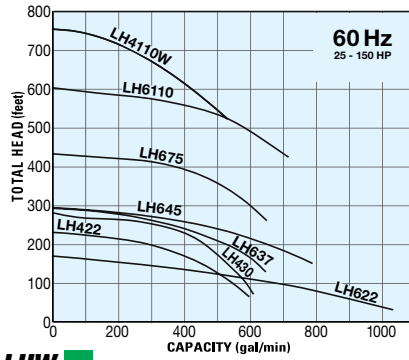
➔ **ACCESSORIES:** Control Panels (Automatic / Manual, VFD & Soft Start Control Panels), Barge System & Flotation Modules are available - Consult Factory.

Performance Curves

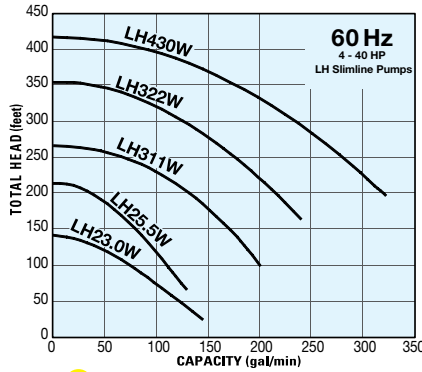
All Tsurumi submersible pumps include:

- ✓ Anti-wicking power cable entrance
- ✓ Internal thermal motor protection
- ✓ Double mechanical seals with silicon carbide faces
- ✓ Tsurumi Oil Lifter in the seal chamber

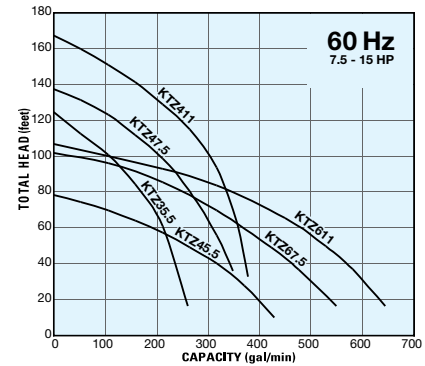
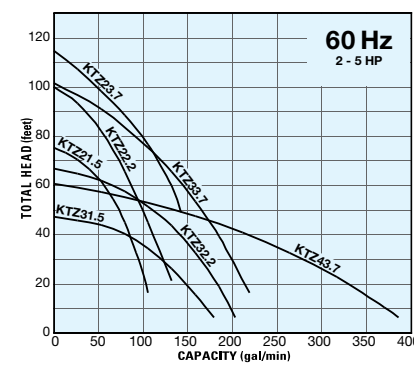
LH



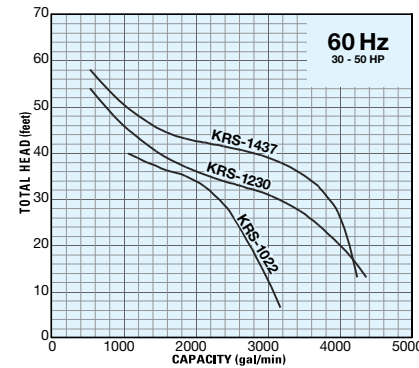
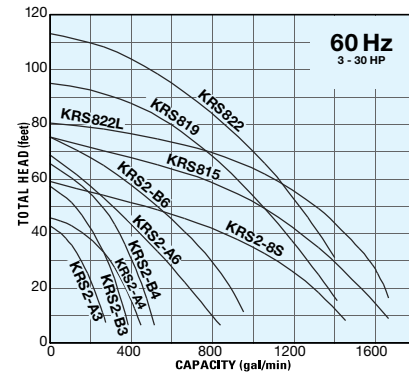
LHW



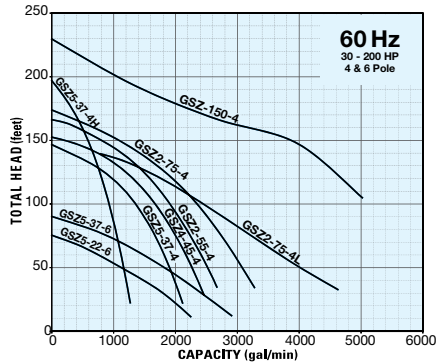
KTZ



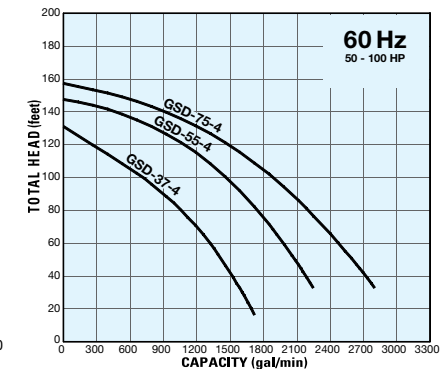
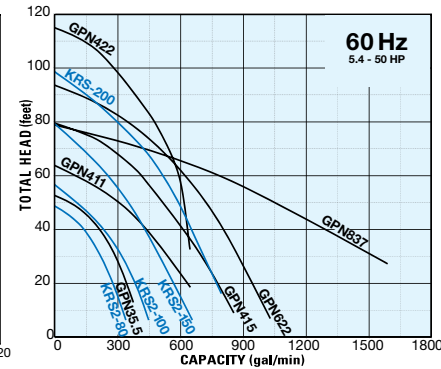
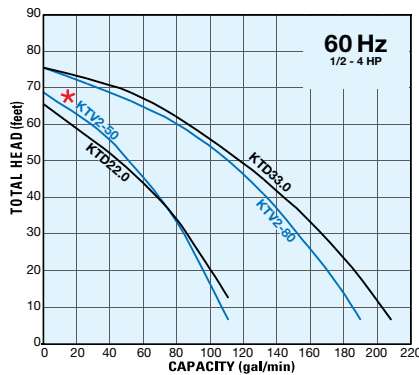
KRS



GSZ



Agitator Pumps - KTD • KTV • GPN • KRS • GSD



* Standard High Torque
 Three Phase ——— KTV2-50 High Torque models further suitable
 (2.7HP (2.0kW) for heavy duty application.



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