

## CONN-WELD TROUBLESHOOTING

The trouble shooting chart is supplied for your reference giving the most common problems and remedies. Please contact Conn-Weld Industries if you have any questions.

- Note unusual noises and respond to seek remedy immediately.
- Start with simple solutions first, applying a step by step method.
- After trouble shooting problem and remedy has been implemented it is important to locate and correct the cause to prevent future failures.
- Conn-Weld should be consulted before disassembly or any modifications made to vibrating screen.

\* *Conn-Weld Industries references VSMA in several items listed in chart*

TROUBLE	PROBABLE CAUSE	POSSIBLE REMEDY
Screen will not start	Power Failure	Check power supply
	Drive mechanicals damaged	Remove belts and check vibrator mechanism free to rotate
	Material interference	Make screen body or motor clear from material build-up
Vibrator overheating	Too much or too little oil	Check oil check plug as indicated on mechanism and follow <b>manual oil instructions</b>
	Motor not working	Refer to <b>motor manufacturing recommendations</b>
Vibrator will not rotate	Loose belts	Tighten belts
	Vibrator assembled incorrectly	Review <b>instructions</b>
Leakage	Excessive oil	Restore to proper level by checking oil check plus
	Damaged or worn seals	Contact Conn-Weld for instruction or seal replacement
Bearing failure	<b>Conn-Weld doesn't recommend customer repair. Below listed to identify causes only:</b>	
	Noisy bearing due to normal fatigue or wear	Contact Conn-Weld
	Overloading, excessive stroke or speed combination	Contact Conn-Weld
	Dirt or water	Contact Conn-Weld



TROUBLE	PROBABLE CAUSE	POSSIBLE REMEDY
Excessive of erratic screen vibration	Worn or damaged suspension	Replace parts
	Improper feeding	Adjust proper feed of material
	Material build-up	Remove build-up
	Addition of chute work	Remove additions
	Counterweight settings do not match	Contact manufacturing to match setting
	Drive Belts slipping or over tension	Replace worn or frayed belts. Adjust belts to specified tension.
	Throwing drive belts	Inspect alignment and length
	Loose drive or body parts	Tighten or replace bolts
Screen cloth breaking	Improper feed distribution	Distribute feed evenly across screen
	Screen tension	Periodically check tension of screen hold down system
	Worn wearing parts	Replace
	Loose bolts	Tighten or replace screen media bolts
Insufficient screening  <b>Here listed as reference to identify possible causes only except where indicated consult Conn-Weld.</b>	Screen blinding or plugging	Contact Conn-Weld Industries
	Feed rate over exceeding design capacity	Contact Conn-Weld Industries
	Open area	Contact Conn-Weld Industries
	Excessive fines in oversize due material traveling too fast	Contact Conn-Weld Industries
	Excessive fines in oversize due to operating below recommended speed	Contact Conn-Weld Industries
	Excessive near size particle	Contact Conn-Weld Industries
	Loose screen media	Check tension
Material travels diagonally across the screen	Drive belts are too tight	Adjust tension as specified
	Screen not level	Level side to side
	Loose body components	Tighten or replace bolts
	Damaged suspension	Replace damaged parts
	Unevenly balanced vibrator weights	Match vibrator weights
Fatigue failure of screen body	Field modifications by user	Replace failed components as initially designed
	Corrosion and wear	Replace damaged parts
	Operating near critical speed	Contact Conn-Weld
	Interference with structure or material build-up	Eliminate interference of build-up