

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 by oil check plug as indicated on mechanism and follow manual oil instructions
	Motor not working	Refer to motor mfg. recommendations
Vibrator will not rotate	Loose belts	Tighten belts
	Vibrator assembled incorrectly	Review instructions
Leakage	Excessive oil	Restore to proper level by checking oil check plugs
	Damaged or worn seals	Contact Conn-Weld for instruction on seal replacement
Bearing failure	Conn-Weld does not recommend customer repair. Below listed to identify causes only.	Contact Conn-Weld Industries
	Noisy bearing due to normal fatigue or wear	
	Overloading, excessive stroke or speed combination	
	Dirt or water	
Excessive or 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 mfg. to match settings

	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	Below listed as reference to identify possible causes only except where indicated consult Conn-Weld	Contact Conn-Weld Industries
	Screen blinding or plugging	
	Feed rate over exceeding design capacity	
	Open area	
	Excessive fines in oversize due material traveling too fast	
	Excessive fines in oversize due to operating below recommended speed	
	Excessive near size particle	
	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 w/structure or material build-up	Eliminate interference or build-up