

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 |