



EFFECTS OF USING WORN BLADES &/OR PANS

In many cases when a trowel is not performing correctly the operator or technician first points to the belts, clutches, pumps, motor and engine as the cause. While troubleshooting the technician should not overlook the condition of the trowel blades and pans.

Effects of worn trowel blades or pans:

- Cause excessive load to the drive system, be it hydrostatic or mechanical system.
- Cause premature belt and clutch failure on mechanical trowels.
- Cause misdiagnoses of hydraulic components.
- Cause unnecessary trowel downtime.

Inspecting Blades and Pans:

- Pans – should sit on center and have little to no flex.
- Blades- should be able to support the weight of the trowel.
- Blades- should not flex when the trowel is put in full pitch position.

Once the blades have been identified as “good”, then proceed in further troubleshooting of the unit.