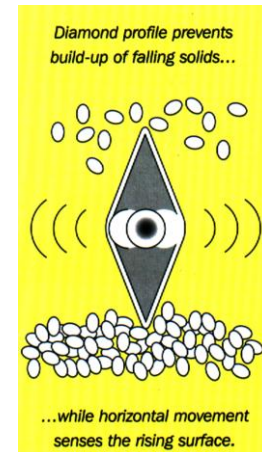
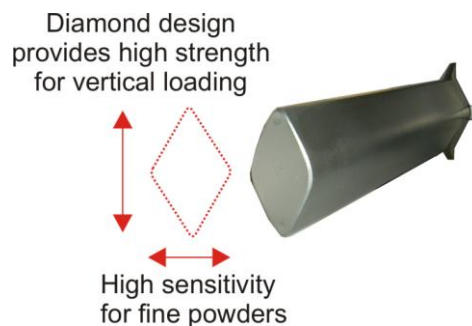


## Diamond Point Technology Advantages

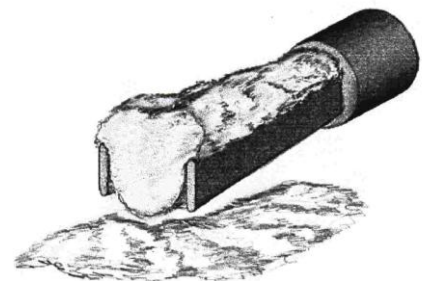
The vibration technique of the Level Switch offers many unique advantages over alternative level sensing technologies:

- No moving parts
- No maintenance required
- Unaffected by environmental changes e.g. temperature, pressure, humidity
- Unaffected by material changes, dielectric etc
- Unaffected by dust clouds and agitation
- No calibration required
- Maximum versatility
- The Hycontrol design has a unique self cleaning effect
- IP65 Die cast Aluminium enclosure
- Stainless steel probe
- Multi voltage power supply 20-250 VAC/DC
- Min bulk density 10 Grams / Ltr.



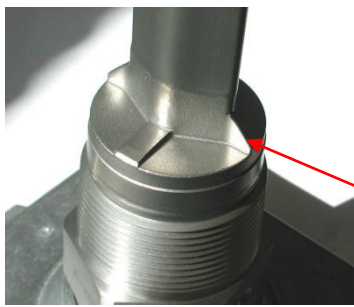
## COMPETITOR TWIN FORKS DESIGN DISADVANTAGES

- Potential for bridge-building.
- Material getting squeezed between the two blades can cause false alarms may require more maintenance.



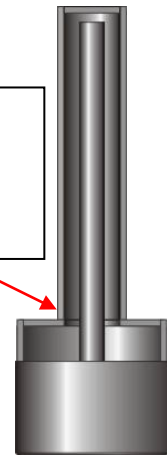
## COMPETITORS ROUND DESIGN DISADVANTAGES

- More chance of material build-up on larger round surface false switching
- Round probes are more likely to `carve out` hollow place to vibrate inside material and not switch when required
- Lower sensitivity
- Weaker design compared to unique patented Knife Diamond profile. This knife design in the vertical loading plane is upto 5 times stronger with the reinforced membrane (see pic)



Unique design,  
knife shape with  
reinforced webbing  
for extra strength

Round design  
weaker at this  
point



## COMPETITORS PADDLE SWITCH DISADVANTAGES

- **Moving parts to wear seals / bearings / clutches etc.**
- **Maintenance required**
- **Shorter life**
- **Assembly required on site for extensions etc.**
- **Lower sensitivity measurement typically 5 times less sensitive!**

