HOW TO IMPROVE SCREENING EFFICIENCY

1

MORE SCREENING SURFACE NEEDED

Monitor your bed depth and ensure it is not four times higher than the opening of the screen cloth. Monitoring your crusher setting will also greatly help keep material in spec. Daily inspections of your crusher setting will keep the crusher at its optimal setting and aid in proper screening.

STROKE AND SPEED OF SCREEN USED FOR SIZE OF MATERIAL

2

Routinely check your stroke and RPM to ensure the size of the material being screened has enough G force or speed of revolution to be screened adequately. Contact your manufacturer to determine the correct speed and stroke for the material you want to screen.

3

SCREEN MEDIA SELECTION

Select screen media that is right for your screening needs:

- **Wire cloth** – most widely accepted in the industry and easiest system to change out. It provides more of an "open area" to allow for your screen to run as efficiently as possible.
- **Urethane** – extremely popular and very effective in wet and abrasive applications. It has much less "open area" than wire cloth, but the longevity of the media can outweigh the lost tonnage per hour.
- **Hybrid or flex** – popular in high moisture applications where fine screening is needed. This media is not woven together but is held together by urethane or rubber strips that allow it to flex and eliminate clogging between openings.

ROTATION FOR INCLINED SCREENS

*

As a last resort measure for inclined screens, running the screen "uphill" can allow the material more time to find an opening to pass. The extra retention time can greatly increase throughput and decrease any carryover of undersized material. As long as material is not building up in the screen feedbox and the screen is performing, then running a screen "uphill" is a viable option.

*Please note: You cannot rotate the screen on a horizontal screen.

McLanahan®
mclanahan.com

CORPORATE HEADQUARTERS
Pennsylvania, USA | +1 (814) 695 9807 | sales@mclanahan.com
ASIA | AUSTRALIA & ASIA PACIFIC | CIS | EUROPE | LATIN AMERICA | NORTH AMERICA