



*Two workers wrestle to remove a sheet of side-tensioned traditional media.*



*One person can easily install a 1' x 2' Polydeck rubber screen panel, even in the tight confines of a middle deck.*

## PROBLEM

Vibrating machines, by their form and function, can be dangerous to work around. Some are old and rusty. Some are high above the ground and may be angled at 20° and even more. Some are equipped with large, heavy 4' by 8' sections of wire cloth or punch plate that require weekly changing. Many have two, three and even four decks with very little space between to work in. Situations like these offer countless opportunities for cuts, bruises, sprains and even broken bones.

## SOLUTION

Polydeck's modular 1' x 1' and 1' x 2' screen panel design and synthetic material construction offer tremendous advantages over traditional screen media in addressing worker safety while working on screen decks. Because of their extended wear life over competitive steel products, Polydeck screen panels require fewer panel changes. Customers who were changing wire cloth panels weekly have reported Polydeck screen panels lasting several months, even years, without replacement. This translates to less trips onto or into the screen decks and thus, fewer opportunities for injury.

Modular panels are small enough for one person to carry, install and remove and their polyurethane or rubber construction is much more forgiving to handle than steel and wire. If an area becomes worn out or damaged, it is much quicker and less expensive to change a modular section than an entire screen mat.

In addition, Polydeck synthetic screen panels are quieter to run than steel media, which helps protect workers' hearing while also making the neighbors happier. Independent testing has resulted in documented examples of noise reduction of up to 9dB, which is perceived by the human ear as 50% less noisy.