

Dealer Information:

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Promat Headquarters, Woodstock, Ontario, Canada



*The Leader in  
Animal Comfort*

# PACK MAT

*The Sand Saving Deep Bedding Alternative*



*The Leader in  
Animal Comfort*

# WE AGREE, SAND IS AN EXCELLENT BEDDING SOLUTION, AND PROMAT'S PACK MAT CAN MAKE IT EVEN BETTER!

With over 25 years of experience enabling dairy producers around the globe to maximize productivity by utilizing our comfort-engineered bedding and mattress solutions, Promat has developed a deep-bedding alternative that combines all the comfort and health benefits of deep bedded sand while also providing significant saving in terms of sand usage and operational costs.

## Excerpts from University of Wisconsin-Madison, School of Veterinary Medicine study on free stall design specific to their evaluation of Pack Mat:

- A. "... the Pack Mat™ design delivers similar benefits to lame cows as deep sand bedding. Non-lame and lame cows achieved daily lying times of 13.1 hrs/day."
- B. "... non-lame cows on Pack Mat hardly stood in the stall at all, at only 0.7 hrs/day."
- C. "... these data suggest farmers can use the Pack Mat design freestalls to save on bedding use, while still achieving the lying time benefits of deep sand ..."
- D. "The cushion and traction of sand (even 2 inches of sand over a mattress in this study) allows cows with sore feet to rise and lie with reduced pain and difficulty, allowing them to maintain resting times."

## Comfort and Health

- Easier lying and standing up due to the flat, stable and shock-absorbing surface
- Provides better footing than just sand or compost
- No digging and better occupancy
- Legs and udders as clean as deep bed
- Overall improved health, productivity and cow longevity
- Better positioning of the cow results in less contamination

## Operational Benefits

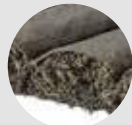


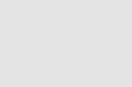
- Cleaning and scattering takes less time
- Huge reduction in sand laden manure and equipment issues

## Financial Benefits

- Requires 50-70% less sand than traditional deep bedding
- Initial investment payback of under one year based on sand savings alone



## Promat's innovative Pack Mat design includes the following components:

- 1  Base layer, rubber crumb filled mattress – this mattress provides excellent softness and force absorption due to 3 primary factors: the softness of the crumb rubber pieces in it (which is in the mid-range of Shore A durometer scale), the shape of the crumb rubber pieces in it (each is between a quarter to a half inch in length, which bends to act like a spring), and the spaces between each piece of crumb rubber which causes the whole mattress to absorb and dissipate repetitive force applications like a sponge.
- 2  Pack Mat top cover – top cover is made of reinforced poly fabric that provides a water resistant and breathable layer, protecting the mattress while providing an excellent foundation for the top layer of sand.
- 3  Two or three inches of sand makes up the top layer for the Pack Mat solution. As compared to deep bedding, sand usage will be reduced 50-70% as the base mattress and top cover provide an excellent foundation.
- 4  Poly Pillow – recommended with all our free stall system to help position the cow and maintain a clean and dry stall



**Pack Mat**  
- the sand saver