



PICHON introduces its TSB1 trailing shoe boom: An innovative solution for precise and efficient application

IMAGE SOURCE: PICHON

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- PICHON introduces the TSB1 trailing shoe boom for precise and efficient organic fertilizer application.
- The TSB1 is compatible with all tankers and performs well on various soil types, especially in hilly areas.
- It features a working width of 7.5 or 9 meters and a compact folding system for efficient application and safe transport.

- **The boom's design includes three pivot points for excellent ground tracking and uniform slurry application on uneven terrain.**
- **A patented design with a wear indicator and anti-drip system ensures easy maintenance and clean operation.**
- **The TSB1 reduces ammonia emissions and odors, promoting sustainable agriculture with improved nutrient infiltration.**

The new PICHON TSB1 trailing shoe boom ensures precise and even surface application of organic fertilisers. Designed to meet the needs of farmers, it offers enhanced performance by maximising the use of nutrients while reducing ammonia loss and gas emissions. Compatible with all tankers, whether new or in service, the TSB1 stands out for its efficiency on various soil types, especially in hilly areas. With a working width of 7.5 or 9 metres and a compact folding system, it guarantees efficient application and safe transport.



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A versatile boom adapted to hilly terrains

The TSB1 has been specially designed for rugged terrains, offering excellent ground tracking. The three pivot points connected to the central frame provide effortless adaptability to the natural contours of the terrain. With 25 cm row spacing and optimally distanced trailing shoes (30 or 36, depending on the model), the TSB1 ensures uniform slurry application, even on uneven terrain. This ability to follow hilly terrains without losing precision makes it an essential tool for maximising crop yields in demanding environments.



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A patented design combining performance and easy maintenance

The patented design of the TSB1 guarantees optimal performance while simplifying maintenance. Thanks to a wear indicator, the operator is alerted when the central part needs to be replaced – a quick operation that takes just one minute. This mechanism ensures constant ground pressure throughout the part's service life, enabling uniform fertiliser application. As standard, the anti-drip system (ADS) prevents unwanted slurry leaks on roads when exiting fields, ensuring clean operation and improving application efficiency. The boom also features a simple hydraulic folding mechanism, forming a compact triangle for easy road transport while providing optimal visibility for the driver.



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Technology for sustainability

In addition to its ergonomic design and efficiency on difficult terrains, the TSB1 boom plays an active role in reducing ammonia emissions and protecting the environment. The improved infiltration of nutrients into the soil and reduction in odours reinforce the positive impact of this technology on sustainable agriculture. With a transport width of less than three metres, the TSB1 combines lightness and robustness, offering a complete, soil-friendly solution for farms of all sizes.



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