

# MANDAKO

Why use a  
***LANDROLLER?***



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- 1) Promotes optimum soil-to-seed contact. This often results in a quicker, more even emergence. In areas where your growing season is shorter, a few days can make a big difference.
- 2) Reduces the risk of rock damage. Rocks that get ingested by combines can cause a lot of damage. This leads to expensive repairs and downtime.
- 3) Promotes a better stand in soybeans. Rolling over a soybean plant in the early growth stages (between V1 and V3) often strengthens the plant. After the initial shock, the plant grows back more vigorously with better root structure, increasing yields approximately 2-3 bushels per acre.  
Source: <https://www.agweb.com/article/breaking-point-for-soybean-stress-NAA-aimee-cope>
- 4) Reduces wear and tear on combines (keeps dirt out). If you've got a lot of debris left in your field (root balls, branches, etc.) and are harvesting low to the ground, your combine is going to be getting a lot of dirt put through it. This can cause premature wear on your combine and can lead to more dockage at the local grain elevator.
- 5) Harvesting lodged crops becomes easier. Crops can easily become lodged when the weather turns against us (or the yields are exceptional), forcing the operator to put the header lower to the ground. This magnifies the risk of rock damage (see point #2 and #4).
- 6) Helps manage residue. With the high-yielding corn varieties available today, users are faced with tough choices about dealing with the residue. Use a landroller to aid in decomposition by rolling over stalks and root balls. Not only does this help break down the trash, but it also reduces the risk of damaging tires.
- 7) Reduces wear and tear on operators & equipment. Smoother fields mean a smoother ride for both you the operator and your equipment.

*Another thought to consider about using a landroller:*

- A landroller can help smooth out ruts and rocks in alfalfa fields. Typically this is done in the early spring shortly after the snow has melted and the ground has dried up enough to carry the weight of the tractor without causing more damage.

## **So why use a Mandako *LANDROLLER***

- **Built Tough.** Our landrollers are built heavy (most models have 8" x 4" x 3/8" tubing). Gusseted corners for added strength
- **True 5/8" Drum.** Our standard models have a 42" x 0.625" drum. This not only provides weight and durability, but is also a sign of quality. We also offer an optional 42" x 3/4" drum as well as a 36" x 1/2" drum if requested.
- **Ductile Cast Knuckles.** Our knuckles have a grease groove machined inside them, allowing grease to easily reach the pin. Plus, cast is more porous than steel which helps distribute the grease. Reduce the chance of seized pins and operator frustration.



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- 3" Drum Shaft and Bearing. We use a 3" shaft with a support plate approximately 18" inside the drum. Our 3" self-aligning bearing completes the assembly. Minimal greasing is required (approximately 1-2 pumps per year with a hand grease gun).
- 235/80/R16 (10-ply) highway tires allows the unit to be easily transported down the road. We do offer an optional 280/70/R15 implement tire as an option.
- Mud Scrapers. All our smooth drum landrollers have the option of having a mud scraper kit installed on them. This is easiest if it is requested at time of order and can be factory installed; however, we can provide instructions for users to install them later on. We advise strong caution when using a mud scraper as it often indicates that the soil condition is damp which can cause poor emergence (crusting) and potentially pull the seed out of the soil (caused by damp soil sticking to the drum).
- Narrow Transport. Our Inline landrollers have a narrow transport width of 7'-7", while our 3-plex models (excluding 60") are at 11'-6". Even our big 5-section models are easily manageable with a transport width of just 15'-6".
- Hydraulic Floating Hitch & Dual Rear-Wheel Steer Axle. All 2020 3-section (LR3) and 5-section (LR5) come standard with a hydraulic floating hitch and dual rear-wheel steer axle.
- Easy Grip Hydraulic Handles. All our current models feature the Hydra-Grip™ hydraulic handles for easy hookup. Clearly identified hydraulic hoses take the guesswork out of hooking up your unit.
- Standard colours are available in either Black or Mandako Green.

