North Dakota: Cutting Edge Lift

- Randy Keller
  Dunn County
North Dakota: Cutting Edge Lift

- Size and weight of changing cutting edges on a piece of equipment.
- Normally stacked in piles and must be lifted and moved to a piece of equipment to be mounted.
- Requires 2 people exposed to possible injury.
North Dakota: Cutting Edge Lift

- Designed to transport a cutting edge from a stack to the piece of equipment to be mounted.

- Unique with multiple adjustments.
  - Lift arm raises by ratchet from ground level to 6’.
  - Edge is secured by 2 screw clamps on each end of arm.
  - Can be angled so 1 person can remove and replace edges.
North Dakota: Cutting Edge Lift

- Cost of material ~ $200.
  - Including a ratchet, three caster wheels, and various sizes of steel square tubing.
- Labor was 10 hours @ $30/hour for a cost of $300.

Total ~ $500.
North Dakota: Cutting Edge Lift

- Can be used to mount cutting edges on motor graders, front end loaders, and snowplow truck wings and plows.
  - Motor grader moldboard can be angled so cutting edge can be mounted from a standing position.

- Design requires minimal manual lifting & multiple adjustments eliminate getting under a piece of equipment.
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