



BARN CLEANERS AND CHAIN

We put more power into every Badger barn cleaner with transmissions that are built for durability.



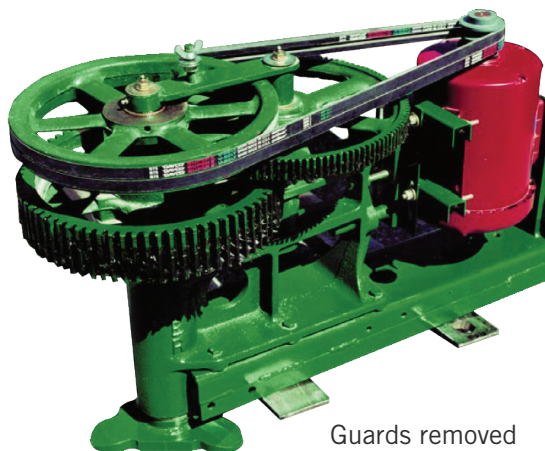


BARN CLEANER

For over 60 years BADGER has set the standards for hard working, long lasting barn cleaners. With innovation like one piece precision machined, cast iron transmission frames, Cor-Ten steel elevators, and colossal chain (along with many others). We continue to be the industry standard in barn cleaner technology.

Choose the transmission that meets your needs. The 580 drive, rated up to 5 HP , provides all the power necessary for most barn cleaning chores, and pulls up to 500 feet of chain. For those extra long, hard-to-pull jobs, choose the super 770, which is rated up to 7-1/2 HP and pulls up to 700 feet of chain.

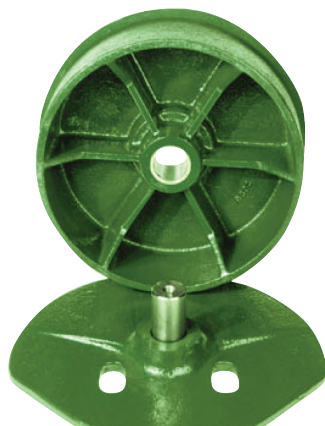
- Large 2-1/2" diameter drive shafts are standard
- Precision-bored, one-piece heavy cast frame assures perfect alignment of upper and lower bearings
- Over 25 square inches of bearing surface in both top and bottom bearings
- Spiral groove lubrication in both main bearings
- Pinions feature stress-proof steel pinions for strength and wear-resistance
- Model 580 features high-strength alloyed cast iron gears
- Gears of the Model 770 are made of ductile iron with 100,000 PSI tensile strength
- Transmissions are easy to service. Shear bolts for final drive provide necessary protection against overload
- New non-metallic cover prevents rust and corrosion



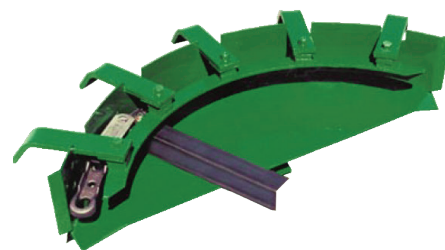
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FOR STRENGTH AND RELIABILITY, DEPEND ON THE POWER OF BADGER BARN CLEANER TRANSMISSIONS.

Here's where durability begins, Badger Barn Cleaner elevators are built from Cor-ten Steel! Cor-Ten steel is up to 8 times more corrosion resistant than the steel used by most competitors. It is also 20% stronger. Badger elevators are available with flat or "TIP-UP" paddle return. Simply stated, Badger Barn Cleaners last a whole lot longer than others.



▲ Turning corners is trouble free with the Badger corner roller. Big 12" corner rollers are made of high quality cast iron with 1-1/2" greasable bronze bearings.



▲ The heavy-duty design of Badger's reverse curve provides ease of operation and longer life. The curve's full bottom features 3/16" steel plate reducing gutter bottom wear and allows smooth, steady chain flow.

CHAIN

Strength and dependability are the bench marks of Badger Barn Cleaner chain. Is there a difference in barn cleaner chain? You'd better believe it!



DURA-FORGED® CHAIN

- High carbon heat treated forging have thickness where it counts for extended wear life and strength.
- Large diameter alloy pins (3/4"). The pins are beveled for more surface area contact while the chain goes through inclines and declines.
- Pins are "double swedged" for a full tight grip and a large capped head.
- Flat bars are an impressive 1/4" x 1-3/4 x 6-1/4".
- Chain is reversible for longer life and ease of installation.
- Bolt on paddles and 3/4" wide wear heels for long life.
- 10 year prorated warranty.



COLOSSAL® CHAIN

- More steel in the forging is where it counts with substantially thicker end sections where chain wear occurs
- Smooth pin bearing area makes this premium chain run like precision roller chain
- High carbon heat treated steel forgings for maximum life
- Slotted area where slat attaches to forging for maximum stability and strength
- Bolt on paddles and 3-1/4" wear heel for easy maintenance
- Large diameter alloy steel pins (7/8") for greater load capacity and extended wear
- "Double Swedged" pins for a full tight grip and a large capped head
- Our side bars are the thickest and widest bars ever 5/16" x 1-3/4" x 6-1/4"
- Chain is reversible for extended life and ease of installation
- 10 year prorated warranty



PADDLES AND WEAR HEALS

- 2" standard or 3" Hi-Flite paddles
- 12-3/4", 14-3/4", 16-3/4" or 18-3/4" long, bolt-on paddles
- 3-1/4" wide, bolt-on wear heels
- 3/16" thick steel paddles

TECHNICAL SPECIFICATIONS

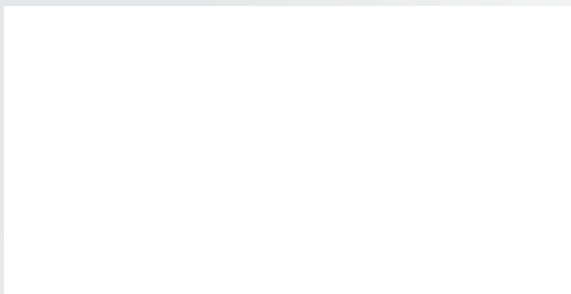
| Power Unit | | |
|------------------------------|-----------------|----------------|
| Model | 580 | 770 |
| Maximum Chain Length (Feet) | | |
| Barn Cleaner Only | | |
| Hook Lok® 2" Flight | 450 | 700 |
| 3-3/4" Tapered Flight | 425 | 675 |
| Chain Speed (Feet per min) | 17 | 17 |
| Drive Shaft Diameter | 2-1/2" | 2-1/2" |
| Drive Gear (Small Diameter) | Stress Proof | Stress Proof |
| Driven Gear (Large Diameter) | G4000 cast iron | Ductile iron |
| P.S.I. Tensile Strength | 30,000 | 100,000 |
| Upper Shear Protection | Yes | Yes |
| Primary Drive | Dual V-belt | Dual V-belt |
| Horse Power Rating | Up to 5 | Up to 7-1/2 |
| Power Unit Cover | Flip Up - Poly | Flip Up - Poly |

| Elevator | |
|---------------|---|
| Construction | <ul style="list-style-type: none"> • Box Beam • Cor-Ten Steel • 10 gauge trough • 12 gauge beam • Right or left side discharge • Adjustable trough width 14" to 18" • 12" deep trough • "Tip Up" or flat return • Replaceable sections • 14 to 60 foot elevator lengths |
| Corners | |
| Outside | Outside 12" Cast alloy roller 1-1/2" greaseable bronze bearings (replaceable) 1-1/2" replaceable pin Optional 12" heavy duty roller |
| Reverse Curve | 90°, 135° Full bottom with 3/16" steel plate |
| Options | |
| Chain oiler | Elevator Stands |
| Gutter Covers | Corner Forms |



Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without prior notice. Illustrations may include optional equipment and accessories, and may not include all standard equipment.

YOUR LOCAL DEALER:



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