

bühler



10" x 35' Conveyor

Operator's and Parts Manual
FK371

2007

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WARRANTY POLICY

Buhler Manufacturing products are warranted for a period of twelve (12) months (90 days for commercial application) from original date of purchase, by original purchaser, to be free from defects in material and workmanship under correct, normal agricultural use and proper applications.

Buhler Manufacturing's obligations under this warranty shall be limited to the repair or exchange, at Buhler Manufacturing's option, of any Buhler Manufacturing product or part which proves to be defective as provided. Buhler Manufacturing reserves the right to either inspect the product at the buyer's location or have it returned to the factory for inspection.

The above warranty does not extend to goods damaged or subject to accident, abuse or misuse after shipment from Buhler Manufacturing's factory, nor to goods altered or repaired by anyone other than an authorized Buhler Manufacturing representative.

Buhler Manufacturing makes no Express Warranties other than those, which are specifically described. Any description of goods, including any references and specifications in catalogues, circulars and other written material published, is for the sole purpose of identifying goods and shall conform to such descriptions. Any sample or model is for illustrative purposes only and does not create an Express Warranty that the goods conform to sample or model shown.

The purchaser is solely responsible for determining suitability of goods sold. This warranty is expressly in lieu of all other warranties expressed or implied. Buhler Manufacturing will in no event be liable for any incidental or consequential damages whatsoever. Nor for any sum in excess of the price received for the goods for which liability is claimed.

WARRANTY CLAIMS:

Warranty requests must be prepared on Buhler Manufacturing Warranty Claim Forms with all requested information properly completed. Warranty Claims must be submitted within a thirty (30) day period from date of failure repair.

WARRANTY LABOR:

Any labor subject to warranty **must** be authorized by Buhler Manufacturing. The labor rate for replacing defective parts, where applicable, will be credited at 100% of the dealer's posted shop rate. Defective parts will receive an extra 10% discount to assist with freight or other incidental costs.

GOVERNMENT LEGISLATION:

Warranty terms and conditions are subject to Provincial or State legislation.

IMPORTANT FACTS:

Buckets and Bucket Tines Carry No Warranty
Bent Spears Carry No Warranty
Snowblower Fan Shafts Carry No Warranty
Mower Blades Carry No Warranty
Portable Auger Parts Have Two (2) Year Warranty
Loader Parts Have Two (2) Year Warranty

IMPORTANT NOTE: This warranty does not apply to rentals

SAFETY

YOU are responsible for the **SAFE** operation and maintenance of your Buhler Belt Conveyor. **YOU** must ensure that you and anyone else who is going to operate, maintain or work around the Belt Conveyor be familiar with the operating and maintenance procedures and related **SAFETY** information contained in this manual. This manual will take you step-by-step through your working day and alerts you to all good safety practices that should be adhered to while operating the Conveyor.

Remember, **YOU** are the key to safety. Good safety practices not only protect you but also the people around you. Make these practices a working part of your safety program. Be certain that **EVERYONE** operating this equipment is familiar with the recommended operating and maintenance procedures and follows all the safety precautions. Most accidents can be prevented. Do not risk injury or death by ignoring good safety practices.

- Conveyor owners must give operating instructions to operators or employees before allowing them to operate the machine, and at least annually thereafter per OSHA (Occupational Safety and Health Administration) regulation 1928.57.
- The most important safety device on this equipment is a **SAFE** operator. It is the operator's responsibility to read and understand **ALL** Safety and Operating instructions in the manual and to follow them. Most accidents can be avoided.
- A person who has not read and understood all operating and safety instructions is not qualified to operate the machine. An untrained operator exposes himself and bystanders to possible serious injury or death.
- Do not modify the equipment in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the equipment.
- Think SAFETY! Work SAFELY!

GENERAL SAFETY

1. Read and understand the Operator's Manual and all safety before operating, maintaining, adjusting or unplugging the C



2. Only trained competent persons shall operate the Conveyor.
An untrained operator is not qualified to operate the machine.

3. Have a first-aid kit available for use should the need arise and know how to use it.



4. Provide a fire extinguisher for use in case of an accident.
Store in a highly visible place.



GENERAL SAFETY – cont'd.

5. Do not allow children, spectators or bystanders within hazard area of machine.

6. Wear appropriate protective gear.

This list includes
but is not limited to:

- A hard hat
- Protective shoes with slip resistant soles
- Protective goggles
- Heavy gloves
- Hearing protection
- Respirator or filter mask



7. Place all controls in neutral or off, stop engine or motor, remove ignition key or disable power source and wait for all moving parts to stop before servicing, adjusting, repairing, or unplugging.

8. Review safety related items annually with all personnel who will be operating or maintaining the Conveyor.

OPERATING SAFETY

1. Read and understand the Operator's Manual and all safety signs before using.

2. Electric motor drives: Disconnect and disable electrical supply completely and wait for all moving parts to stop before servicing, adjusting, repairing or unplugging.

3. Clear the area of bystanders, especially children, before starting.

4. Be familiar with machine hazard area. If anyone enters hazard areas, shut down machine immediately. Clear the area before restarting.

5. Keep hands, feet, hair and clothing away from all moving and/or rotating parts.

6. Do not allow riders on the Conveyor or tractor when transporting.

7. Stay away from overhead obstructions and power lines during operation and transporting. Electrocution can occur without direct contact.

8. Do not operate machine when any guards are removed.

9. Set park brake on tractor before starting.

10. Lower Conveyor to its lowest position before moving or transporting or when not in use.

OPERATING SAFETY – cont'd.

11. Inspect lift cable before using Conveyor. Replace if frayed or damaged.
12. Make certain lift cable is properly seated in cable pulleys.
13. Be sure that conveyor is empty before raising or lowering.

PLACEMENT SAFETY

1. Move only with a tractor. Never move by hand.
2. Stay away from overhead power lines when moving Conveyor. Electrocutation can occur without direct contact.
3. Keep Conveyor as low as possible.
4. Chock Conveyor and tractor wheels front and rear before operating.
5. Locate Conveyor to provide ample space for trucks to unload.
6. Keep Conveyor as low as possible when moving. Raise only when it is next to storage facility.
7. Be familiar with the machine hazard area. If anyone enters hazard area, shut down machine immediately. Clear the area before restarting.
8. Operate the Conveyor on level ground free of debris. If ground is uneven, anchor the Conveyor to prevent tipping or upending.

IMPORTANT

Before raising or placement of Conveyor be sure that ground is reasonably level. Conveyor could topple if ground is too uneven damaging equipment and/or causing personal injury.

IMPORTANT

When releasing Conveyor from the towing vehicle, test the intake end for downward weight. Do not raise the intake end above drawbar height. When the intake end is elevated too high with machine in raised position, the balance of weight quickly transfers to the discharge end, causing the machine to upend.

MAINTENANCE SAFETY

1. Review the Operator's Manual and all safety items before working with, maintaining or operating the Conveyor.
2. Place all controls in neutral or off, stop engine or motor, remove ignition key or disable power source and wait for all moving parts to stop before servicing, adjusting, repairing or unplugging.
3. Follow good shop practices:
 - Keep service area clean and dry.
 - Be sure electrical outlets and tools are properly grounded.
 - Use adequate light for the job at hand.
4. Keep hands, feet, hair and clothing away from all moving and/or rotating parts.
5. Clear the area of bystanders, especially children, when carrying out any maintenance and repairs or making any adjustments.
6. Place stands or blocks under the frame before working beneath the machine.
7. Before resuming work, install and secure all guards when maintenance work is completed.
8. Support Conveyor tube before attempting maintenance on the under carriage assembly. Where possible Conveyor should be in the full down position.
9. Keep safety signs clean. Replace any sign that is damaged or not clearly visible.

TRANSPORT SAFETY

1. Read and understand ALL the information in the Operator's Manual regarding procedures and SAFETY when moving or transporting the Conveyor.
2. Check with local authorities regarding Conveyor transport on public roads. Obey all applicable laws and regulations.
3. Always travel at a safe speed. Use caution when making corners or meeting traffic.
4. Make sure the SMV (Slow Moving Vehicle) emblem and all the lights and reflectors that are required by the local highway and transport authorities are in place, are clean and can be seen clearly by all overtaking and oncoming traffic.
5. Do not allow riders on the Conveyor or the tractor when transporting.

TRANSPORT SAFETY – cont'd.

6. Attach Conveyor to towing vehicle with a pin and retainer. Always attach the safety chain.
7. Lower Conveyor to its lowest position for transporting.
8. Keep to the right and yield the right-of-way to allow faster traffic to pass. Drive on the road shoulder, if permitted by law.
9. Do not exceed 20 mph (32 km/h). Reduce speed on rough roads and surfaces.
10. Stay away from overhead obstructions and power lines when transporting. Electrocutation can occur without direct contact.
11. Always use hazard warning flashers on tractor when transporting unless prohibited by law.

STORAGE SAFETY

1. Store the unit in an area away from human activity.
2. Do not permit children to play on or around the stored machine.
3. Lower Conveyor to its lowest position for storage unless supported by a storage facility.

TIRE SAFETY

1. Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion, which may result in serious injury or death.
2. Do not attempt to mount a tire unless you have the proper equipment and experience to do the job.
3. Have a qualified tire dealer or repair service perform required tire maintenance.
4. When replacing worn tires, make sure they meet the original tire specifications. Never undersize.

SAFETY SIGNS

1. Keep safety signs clean and legible at all times.
2. Replace safety signs that are missing or have become illegible.
3. Replaced parts that displayed a safety sign should also display the current sign.
4. Safety signs are available from your Distributor or the factory.

How to Install Safety Signs:

- Be sure that the installation area is clean and dry.
- Be sure temperature is above 50°F (10°C).
- Decide on the exact position before you remove the backing paper.
- Remove the smallest portion of the split backing paper.
- Align the sign over the specified area and carefully press the small portion with the exposed sticky backing in place.
- Slowly peel back the remaining paper and carefully smooth the remaining portion of the sign in place.
- Small air pockets can be pierced with a pin and smoothed out using the piece of sign backing paper.

OPERATING INSTRUCTIONS

The conveyor may be elevated up to 30 degrees. At angles over 30 degrees, the capacity of the conveyor decreases.

Be sure the wheels are free to move and no one is standing close to the conveyor when raising or lowering. Never attempt to raise or lower the conveyor while it is in operation.

The conveyor is equipped with a safety brake winch. The conveyor may be raised or lowered by simply turning the winch handle in the proper direction until the desired discharge height is obtained.

Never have less than three wraps of cable on the drum of the winch.

NOTE: Arrow on winch shows proper direction of rotation. Improper rotation may cause winch brake failure.



CAUTION: All wiring should be done by a competent electrical contractor to assure the electric motor is receiving the correct voltage and the cable will carry the correct load.

The life of a motor is greatly reduced if it is run at too high or too low voltage. Also, a motor cannot develop full power if the cable is too small. The electrical supply to each motor should include an enclosed safety switch or circuit breaker of the correct size to protect the motor from being overloaded. The switch should be under a padlock to prevent the motor from being turned on by accident while working on or moving the auger. This will also prevent unauthorized persons or children from operating the motor. A magnetic starter should be used to shut off the motor in case of low voltage, loss of power, or overloading the motor.

The electric motor must then be started manually.

Before operating the conveyor, do a walk around inspection to make sure that all bolts are tight, there is no damage to components and that all guards are in place. Run the conveyor for a few minutes before use. During the winter you will need to run the conveyor for a longer period of time before use. When you first start the conveyor at the start of the work day check for proper belt tracking and adjust if required. The key to trouble free operation is proper maintenance and cleaning of your complete conveyor.

This conveyor is supplied with a top drive electric drive only. The motor required is a 5 hp 1730 rpm wired for 230 volt. The electric motor, cable and switch are to be supplied by the customer. Run the cable from the motor to the switch inside the wind guards. A switch bracket mounted near the bottom of the conveyor on the tube is supplied.

The standard belt speed on the conveyor is about 600 feet per minute. It is also available with a reducer kit, which uses a jack shaft to reduce the belt speed to about 400 feet per minute.

MAINTENANCE AND LUBRICATION

Check condition of winch cable occasionally and replace if it shows wear. The wear will occur on the first few wraps around the drum of the winch.

The main thing to check on the cable is for broken strands or rust, which penetrates the cable core. This is particularly important if the auger is more than a few years old.

Oil the moving parts of the winch two times per year.

NOTE: When replacing bearings or tightening a loose bearing collar, always tighten collar in the direction of shaft rotation using a center punch or a similar tool.

If the conveyor is towed extensively, the wheel bearings should be repacked at least semi-annually.

Grease in a bearing acts to prevent excessive wear of parts, stops corrosion and helps to prevent excessive heat within the bearing. Bearings should be checked daily for wear. All bearings are sealed greasable bearings. These bearings require minimal greasing. Recommended greasing is one small stroke every 2 weeks. Be careful not to over grease or you will push the seal out.

Check "V" belts daily for slippage. Tighten enough to keep from slipping. If belts are over tightened unnecessary wear on the belts, shaft, pulleys and motor will occur.

Conveyor belt tension and alignment should be checked daily. If the conveyor belt is slipping or not aligned, you will lose considerable belt life. The belt will ride to the side where it first makes contact with the roller. If the belt rides to the right you will need to adjust the right hand set bolt to correct tracking. Make adjustments in small increments, then test the conveyor for proper tracking.

STORAGE

The conveyor should be stored in a dry place if possible. If stored outside, lower conveyor to its lowest position.

Clean conveyor thoroughly as dirt draws moisture and causes metal to rust.

Remove belts and store in a cool dry place if auger is to be left outdoors.

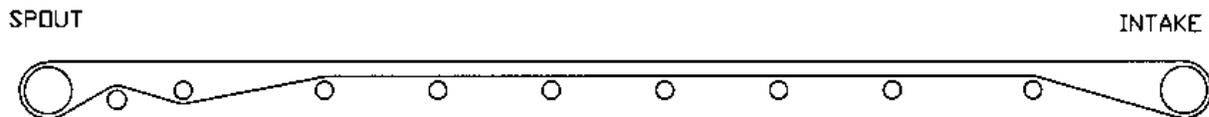
At this time check all moving parts for wear and order replacement parts from your nearest dealer.

When taking the conveyor out of storage, clean it thoroughly and check for obstructions at the inlet and outlet ends.

Check all bolts and set screws

ASSEMBLY INSTRUCTIONS

1. Assemble the bottom section (page 13, #2) to the top section (page 13, #1). Check to see that both sections are turned as shown in the drawing. Join sections at the pipe ring using $\frac{1}{2}$ " x $1 \frac{1}{4}$ " hex bolts, lock washers and hex nuts. Align the two sections before tightening the bolts. Bolt the top end assembly (page 13, #3) and the intake assembly (page 18, #38) to the appropriate ends of the tubes using the same hardware.
2. Assemble the eight support rollers (page 13, #17). The roller ends are spring loaded. Snap in one end and push on the other end until you can slide it into the roller brackets. One roller mounts at bottom of the top end, the other six mount to the brackets welded under the tubes.
3. Lift the top end of the tube assembly till about head height to install the belting (page 13, #24). Open the top end and push the belt in. Make sure that the cups on the belting have the open end facing up and towards the spout. Belt should be aligned as shown in illustration. Join the ends of the belting using cable connector supplied.



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4. Tension the belting using the tensioner rods (page 18, #24) at the bottom end of the conveyor. Tension till the belting hangs down about $\frac{1}{2}$ " between the rollers. Try to tension both sides as evenly as possible. Final adjustment will have to be made after running the conveyor. See operating, maintenance and trouble shooting sections for instructions.
5. Slide the track roller assembly (page 15, #29) onto the track welded to the top section tube. Bolt the top track stop (page 15, #37) to the top of the track using $\frac{3}{8}$ " x 1" hex bolts, lock washers and hex nuts. The lower track stop (page 15, #38) bolts on using the same hardware.

ASSEMBLY INSTRUCTIONS – cont'd.

6. Standard Drive Assembly: Bolt the motor mount (page 20, #3) to the welded stands on the top tube using $\frac{1}{2}$ " x $1\frac{1}{4}$ " hex bolts, lock washers and hex nuts on the bottom side. Bolt on the guard bracket (page 20, #2) to the top edge of the motor mount using $\frac{1}{2}$ " x $1\frac{3}{4}$ " hex bolts. Guard bracket must be turned as shown in drawing. Mount the electric motor to the motor mount. See operating instructions for correct motor size and speed. The guard weldment (page 20, #1) bolts to the top end using $\frac{3}{8}$ " x $\frac{3}{4}$ " hex bolts and lock washers. A 14" double pulley (page 20, #4) mounts to the top drive roller. The electric motor uses a 4" pulley which is supplied by the customer. The belts are B88 (page 20, #5). Set belt tension using threaded rods on motor mount (page 20, #11).

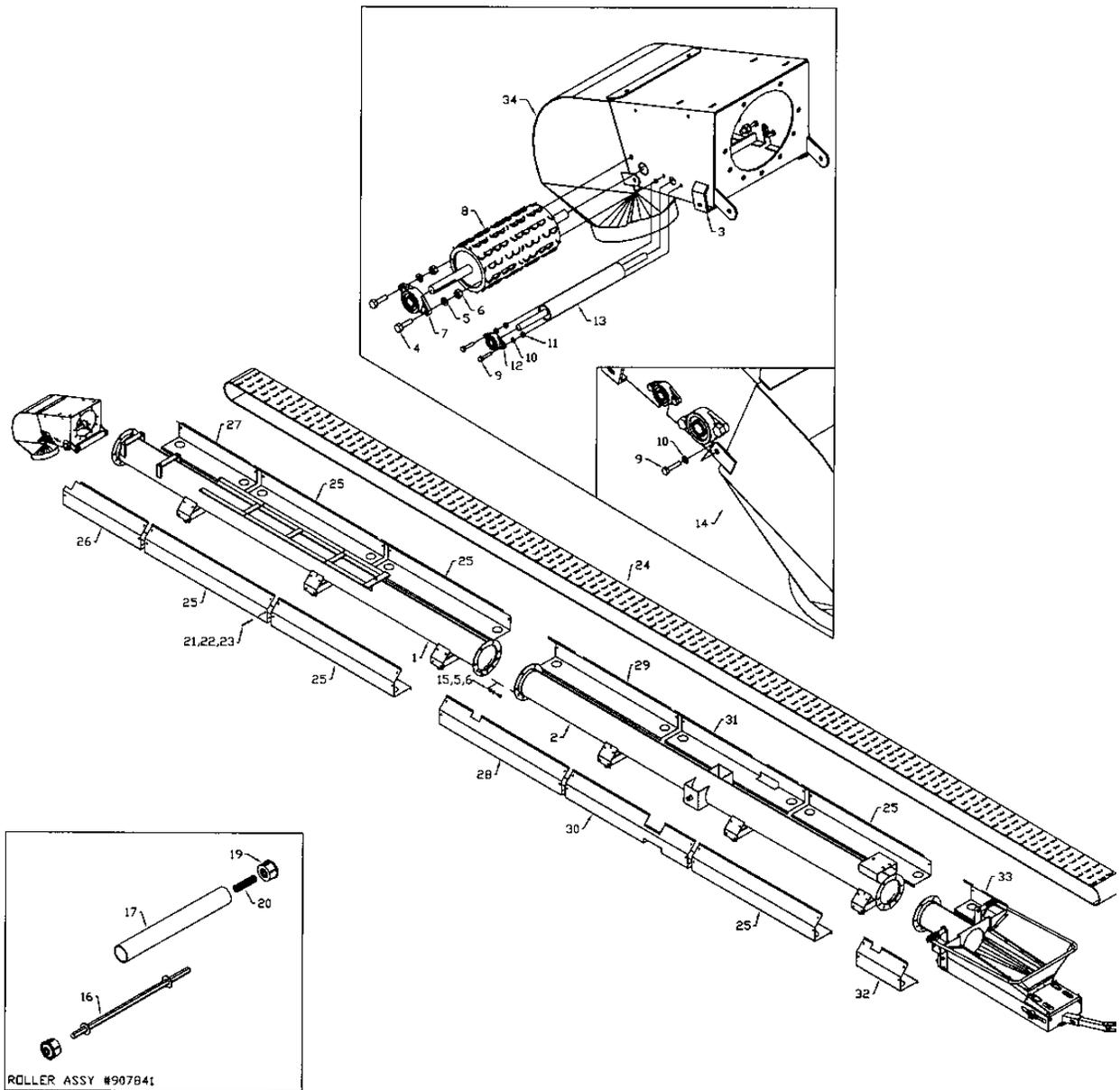
Reduction Drive Assembly: Bolt the motor mount (page 20, #3) to the welded stands on the top tube using $\frac{1}{2}$ " x $1\frac{1}{4}$ " hex bolts, lock washers and hex nuts on the bottom side. Bolt on the guard bracket (page 20, #2) to the top edge of the motor mount using $\frac{1}{2}$ " x $1\frac{3}{4}$ " hex bolts. Guard bracket must be turned as shown in drawing. The mounting plate with the jack shaft (page 20, #29) bolts to the top end using $\frac{3}{8}$ " x $\frac{3}{4}$ " hex bolts, lock washers and hex nuts. Bolt the 28" belt guard to the drive roller side and a 32" belt guard to the opposite side. Use $\frac{3}{8}$ " x $\frac{3}{4}$ " hex bolts and lock washers to attach the belt guards. The drive roller uses a 10" pulley (page 20, #24) with a 4" pulley (page 20, #25) on the jack shaft. The belts are B50 (page 20, #26). The opposite end of the jack shaft also uses a 10" pulley. The electric motor uses a 4" pulley which is supplied by the customer. The belts are B54 (page 20, #36). Tension belts by using threaded bolts in the idler mounting plate and the motor mount. **NOTE:** Motor rotation will be the reverse of the standard drive.

7. Slide the right undercarriage arm (page 15, #1) and the left undercarriage arm (page 15, #2) onto the pivot pins welded to the bottom tube. Hold arms in place using a flat washer and a $\frac{5}{16}$ " x $2\frac{1}{4}$ " cotter pin. Bolt both undercarriage arms to the welded brackets on the axle (page 15, #5) using $\frac{1}{2}$ " x $3\frac{1}{2}$ " hex bolts, lock washers and hex nuts. The right x-brace (page 15, #3) and the left x-brace (page 15, #4) bolt to the undercarriage tubes using $\frac{1}{2}$ " x $3\frac{1}{2}$ " hex bolts, lock washers and hex nuts. The other end bolts to the inside of the axle end plate using $\frac{1}{2}$ " x $1\frac{3}{4}$ " hex bolts, lock washers and hex nuts. Turn x-braces as shown in drawing. Join the two undercarriage arms with a brace that fits on top and across the two arms. Bolt on using $\frac{3}{8}$ " x 3" hex bolts, lock washers and hex nuts.
8. Slide the two lift arms (page 15, #6) onto the pivot pins welded to the track roller bracket (page 15, #29). Hold the arms in place using a flat washer and a $\frac{5}{16}$ " x $2\frac{1}{4}$ " cotter pin. The bottom end of the lift arms bolts to the welded brackets on the undercarriage x-braces using $\frac{5}{8}$ " x $1\frac{3}{4}$ " hex bolts and lock nuts. Join the two lift arms with a x-brace (page 15, #7) and two plates (page 15, #8). Bolt on using $\frac{3}{8}$ " x 3" hex bolts, lock washers and hex nuts.

ASSEMBLY INSTRUCTIONS – cont'd.

9. Bolt the two stub axle weldments (page 15, #15) to the ends of the axle using $\frac{1}{2}$ " x $1\frac{3}{4}$ " hex bolts, lock washers and hex nuts. Mount the wheels (page 15, #21) and tires (page 15, #22) on the axle using $\frac{1}{2}$ " wheel bolts (page 15, #19).
10. Bolt the winch (page 15, #9) to the welded bracket on the bottom tube near the intake. Use $\frac{3}{8}$ " x $1\frac{1}{2}$ " hex bolts, flat washers, lock washers and hex nuts. The switch bracket (page 15, #49) bolts under the bottom edge of the winch bracket with the same bolts. Run the winch cable (page 15, #46) from the winch around the roller in the track roller. Attach the cable to the welded loop at the bottom of the track using two $\frac{5}{16}$ " cable clamps.
11. Mount the switch to the switch bracket. Run a wire from the switch bracket to the electric motor at the top of the conveyor. Run a second wire from the switch to a power source. The motor, switch and wire are all supplied by the customer.
12. Bolt the wind guards (page 13, #25) under the conveyor tubes using $\frac{1}{4}$ " x 1" hex bolts, lock washers and hex nuts. There are specific wind guards for the bottom (page 13, #32), the top (page 15, #26), the pipe ring connection (page 13, #28) and across the undercarriage pivot (page 13, #30). Use ties to hold the electric wire against the bottom of the wind guards.
13. Re-check and tighten all bolts before running the conveyor. Run the conveyor empty and check for proper tracking and tension on the belting. Make sure the motor is wired correctly for the type of drive you are using. The wiring for standard and reduction drive is reversed. See operating, maintenance and trouble shooting sections for information on how to adjust the belting.

1035 Buhler Conveyor - Top Electric Drive - Tube Assy



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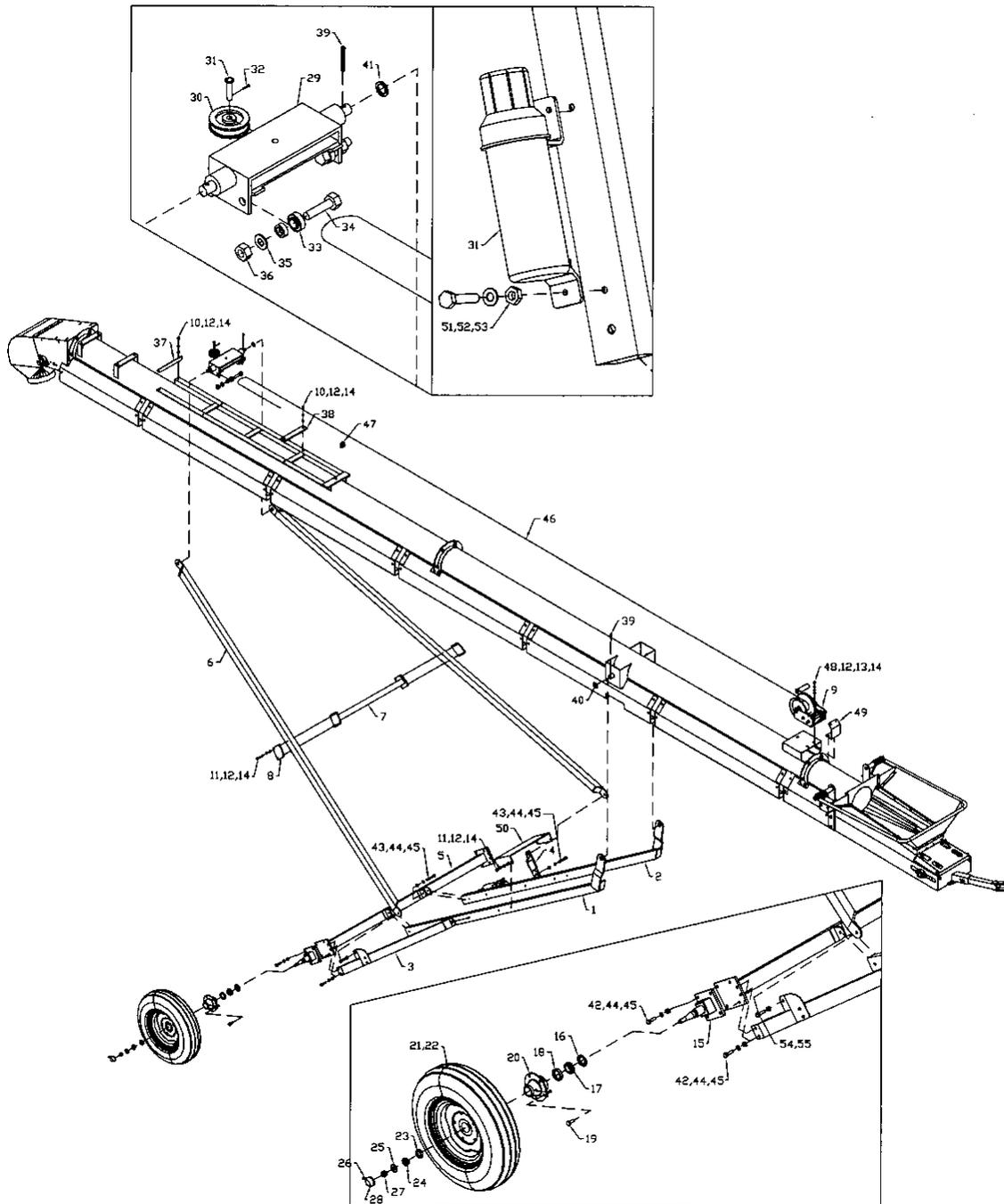
WHEN ORDERING PARTS

Always give your dealer the Model and Serial Number of your machine to assist him in ordering and obtaining the correct parts. Use the exploded view and tabular listing of the area of interest to exactly identify the required part.

1035 Buhler Conveyor - Top Electric Drive - Tube Assy

Item #	Part #	Description
1	907903	Top Tube Weld't 10" x 15'
2	907902	Bottom Tube Weld't 10" x 15'
3	907913	Top End Weld't
4	87553	1/2" x 1 3/4" Hex Bolt (pl)
5	81637	1/2" Lock Washer (pl)
6	81636	1/2" Hex Nut (pl)
7	906254	Brg Flange 1" Dia. - 2 Bolt
8	908071	Top End Roller Assy 5" x 12" Lg
9	81553	5/16" x 1 1/2" Hex Bolt (pl)
10	81569	5/16" Lock Washer (pl)
11	81568	5/16" Hex Nut (pl)
12	906253	Brg Flange 3/4" Dia. - 2 Bolt
13	908054	Top End Roller Weld't 2" x 12"
14	907914	Spout Tie Plate
15	81620	1/2" x 1 1/4" Hex Bolt
16	907838	Roller Rod Weld't 1/2" x 16" Lg
17	907839	Galv. Tube 1 7/8" x 14 1/4" Lg
19	906595	Bearing Unit w/ 1/2" Hex Hole
20	906890	Pin Spring 1/2" x 2 1/2"
21	81527	1/4" x 1" Hex Bolt (pl)
22	81545	1/4" Lock Washer (pl)
23	81544	1/4" Hex Nut (pl)
24	908103	Belting 12" x 73' - 8" Lg
25	907804	Wind Guard 21 1/2" x 61"
26	908036	Wind Guard RH 21 1/2" x 39" (Top End)
27	908037	Wind Guard LH 21 1/2" x 39" (Top End)
28	907805	Wind Guard RH 21 1/2" x 61" (4th From Top)
29	907806	Wind Guard LH 21 1/2" x 61" (4th From Top)
30	908038	Wind Guard RH 21 1/2" x 61" (5th From Top)
31	908039	Wind Guard LH 21 1/2" x 61" (5th From Top)
32	908040	Wind Guard RH 21 1/2" x 22" (Intake)
33	908041	Wind Guard LH 21 1/2" x 22" (Intake)
34	907908	Spout Weldment

10" x 35' Conveyor - Top Electric Drive - Undercarriage Assy



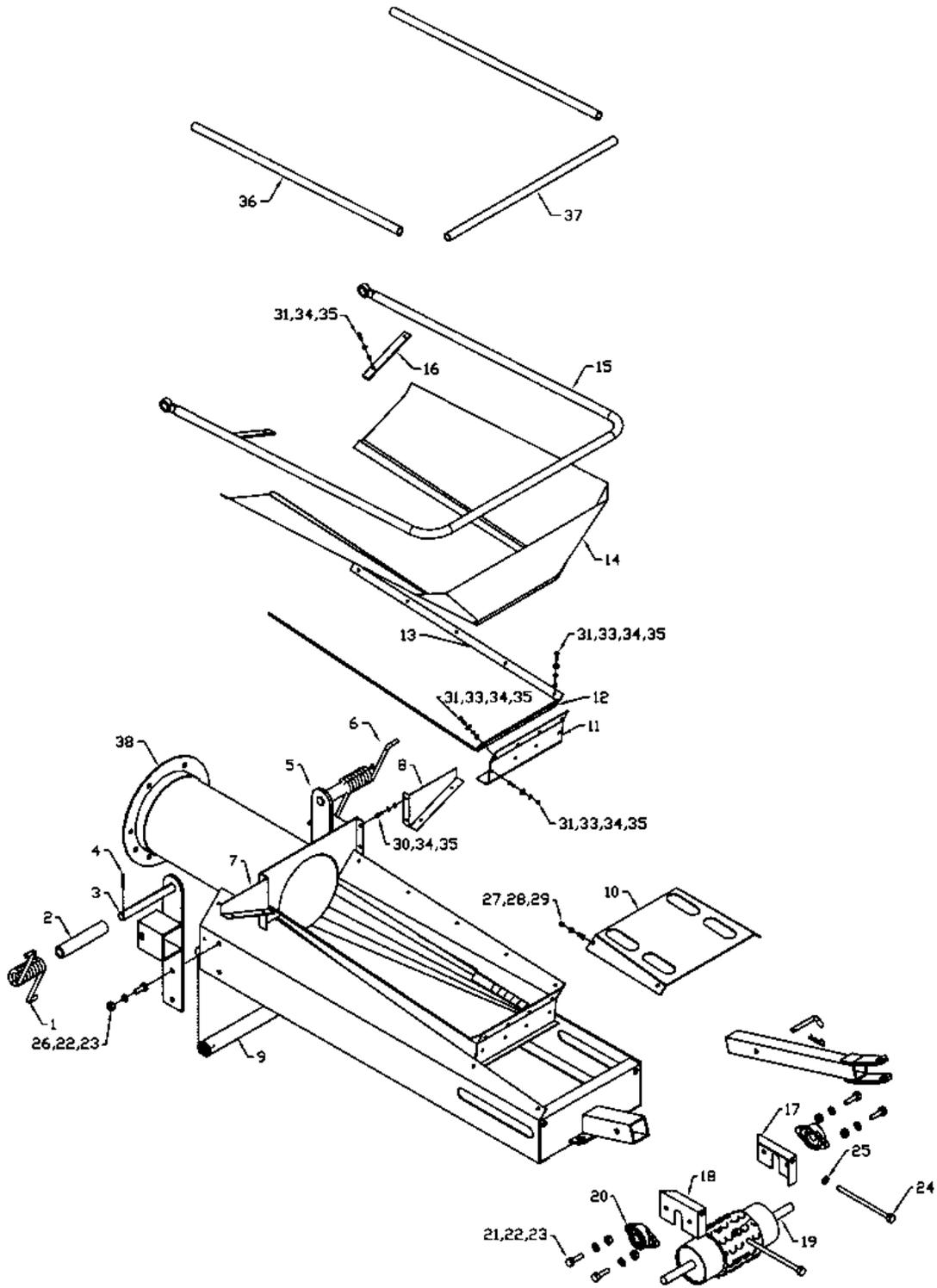
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10" x 35' Conveyor - Top Electric Drive - Undercarriage Assy

Item #	Part #	Description
1	908004	Undercarriage Tube Weld't - R 2" x 3" x 118"
2	908005	Undercarriage Tube Weld't - L 2" x 3" x 118"
3	908030	X-Brace Weld't - R 2" x 3" x 41"
4	908031	X-Brace Weld't - L 2" x 3" x 41"
5	908033	Axle Weld't 3" x 3" x 78"
6	907752	Lift Arm 2" x 3" x 12'-6"
7	907755	X-Brace 2" x 3" x 32 1/2"
8	907754	X-Brace PI 4.5" x 4.5"
9	961945	Winch K2550
10	86170	3/8" x 1" Hex Bolt (pl)
11	81583	3/8" x 3" Hex Bolt (pl)
12	81593	3/8" Lock Washer (pl)
13	84000	3/8" Flat Washer (pl)
14	81592	3/8" Hex Nut (pl)
15	906437	Stub Axle Weld't
16	968430	Oil Seal (SE 14)
17	967208	Inner Bearing Cone (LM48548)
18	968412	Inner Bearing Cup (LM48510)
19	968404	1/2" Wheel Bolt
20	968403	5 Bolt Hub w/ Bearing Cups ('81 & Up)
21	F0110	15" x 5" x 5 Bolt Wheel ('81 & Up)
22	959203	6.70 x 15 x 4 Ply Tire
23	968405	Outer Bearing Cup (LM11910)
24	968406	Outer Bearing Cone (LM11949)
25	9812416	Washer (3/4" S.A.E.)
26	981309	1/8" x 1 1/4" Cotter Pin
27	81834	3/4" Slotted Hex Nut
28	968409	Dust Cap (DC 12)
29	907760	Track Roller Brkt Weld't
30	961846	4" Cast Cable Pulley
31	961010	1/2" x 2 1/8" Clevis Pin (pl)
32	9812430	1/8" x 1" Cotter Pin (pl)
33	963130	3/4" Brg w/ Collar (AEL204-012)
34	88742	3/4" x 3" Hex Bolt (pl)
35	81701	3/4" Lock Washer (pl)
36	81700	3/4" Hex Bolt (pl)
37	907770	Track Stop - Upper 1 1/2" x 1 1/2" x 11"
38	907771	Track Stop - Lower 3/8" x 2" x 11"
39	967913	5/16" x 2 1/4" Cotter Pin (pl)
40	967135	1 1/2" x 10 Ga Rim Washer (pl)
41	967140	1" x 10 Ga Rim Washer (pl)
42	87553	1/2" x 1 3/4" Hex Bolt (pl)
43	9812034	1/2" x 3 1/2" Hex Bolt (pl)
44	81637	1/2" Lock Washer (pl)

45	81636	1/2" Hex Nut (pl)
46	907762	Cable 5/16" x 34'-5"
47	961763	5/16" Cable Clamp
48	811792	3/8" X 1 1/2" Hex Bolt (pl)
49	908104	Switch Bracket 4 1/4" x 9 1/2" Lg
50	906256	Undercarriage Brace 24 1/2" x 9"
51	810582	5/16" x 3" Hex Bolt (pl)
52	81569	5/16" Lock Washer (pl)
53	81568	5/16" Hex Nut (pl)
54	84270	5/8" x 1 3/4" Hex Bolt (pl)
55	812482	5/8" Lock Nut (pl)
56	909277	Manual Holder

10" x 35' Top Electric Conveyor - Hopper Assembly

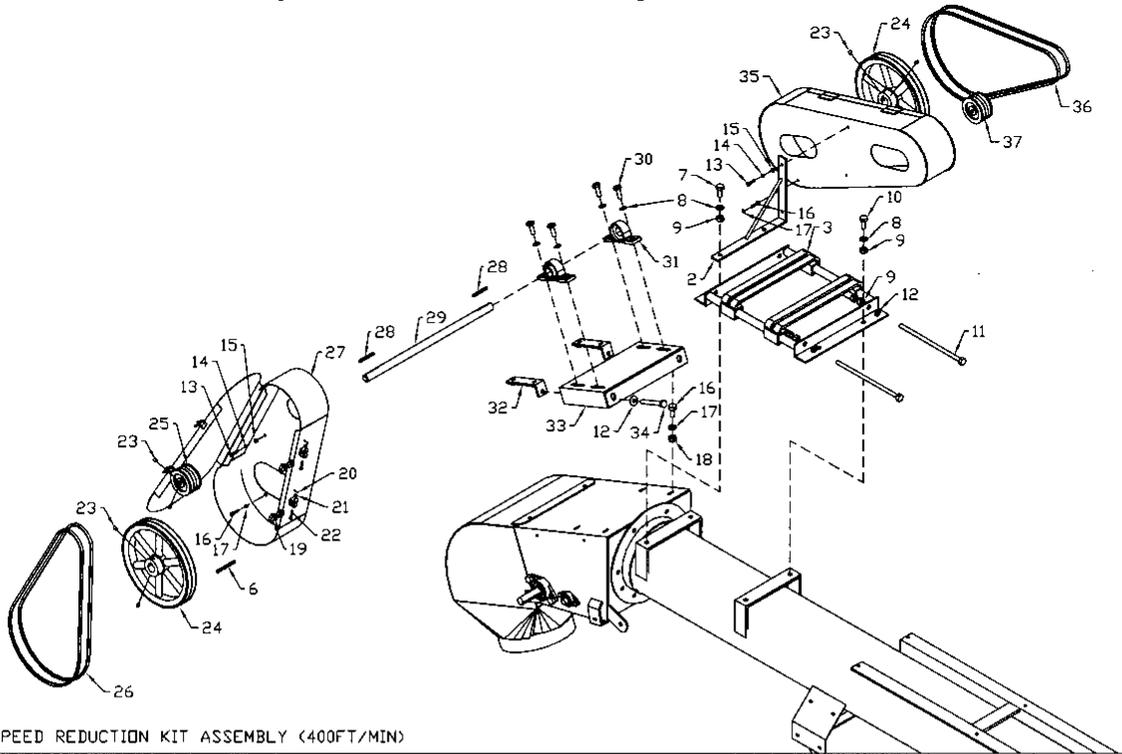


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10" x 35' Top Electric Conveyor - Hopper Assembly

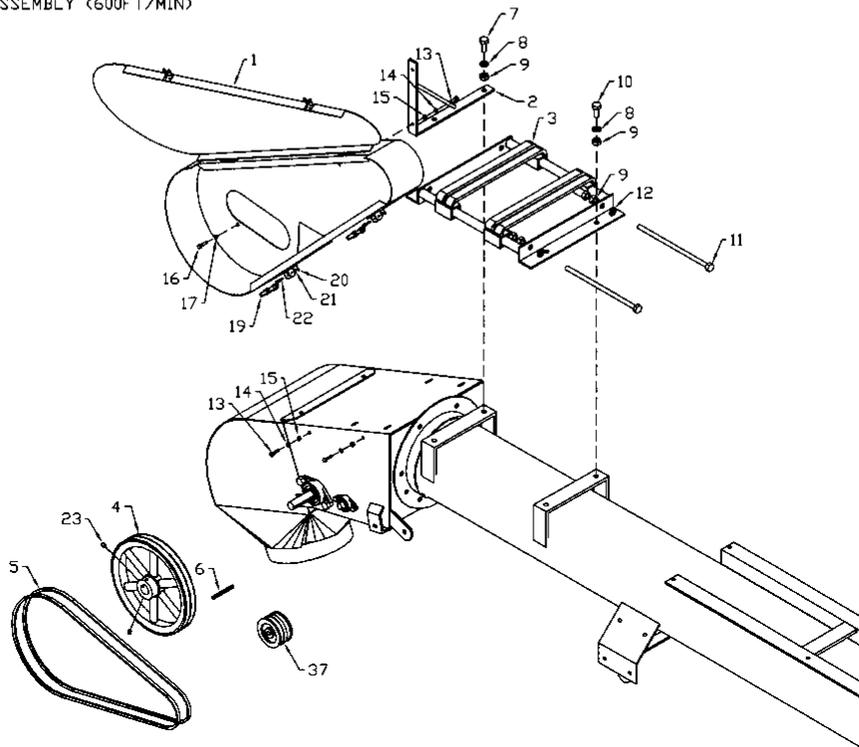
Item #	Part #	Description
1	908931	Hopper Spring - R
2	905897	Spring Sleeve 1 1/2" x 7 1/4" lg
3	905795	Hopper Holder Plate - R
4	81207	3/16" x 2" Cotter Pin (pl)
5	905796	Hopper Holder Plate - L
6	908930	Hopper Spring - L
7	905791	Spill Guard - R
8	905792	Spill Guard - L
9	907841	Galvanized Roller
10	905814	Roller Guard
11	906252	Rubber Insert
12	905896	Canvas End Plate
13	905895	Canvas Side Plate 34" lg
14	909163	Hopper Canvas
15	905805	Hopper Tube
16	905894	Canvas Front Plate 7" lg
17	907881	Belt Tensioner 5" x 7 1/2" - LH
18	907880	Belt Tensioner 5" x 7 1/2" - RH
19	908072	Roller Assembly 5" x 12"
20	906254	1" Bearing (FL205)
21	87553	1/2" x 1 3/4" Hex Bolt (pl)
22	81637	1/2" Lock Washer (pl)
23	81636	1/2" Hex Nut (pl)
24	907883	Tensioner Rod 1/2" x 9" lg
25	84048	1/2" BS Flat Washer (pl)
26	81620	1/2" x 1 1/4" Hex Bolt (pl)
27	81549	5/16" x 3/4" Hex Bolt (pl)
28	81569	5/16" Lock Washer (pl)
29	81568	5/16" Hex Nub (pl)
30	81525	1/4" x 3/4" Hex Bolt (pl)
31	81527	1/4" x 1" Hex Bolt (pl)
32	81528	1/4" x 1 1/4" Hex Bolt (pl)
33	81546	1/4" SAE Flat Washer (pl)
34	81637	1/4" Lock Washer (pl)
35	81544	1/4" Hex Nut (pl)
36	905899	Plastic Edge Guard 34" lg
37	905901	Plastic Edge Guard 27 1/4" lg
38	905067	Intake Weldment

10" x 35' Top Electric Bühler Conveyor - Drive Assemblies



SPEED REDUCTION KIT ASSEMBLY (400FT/MIN)

STANDARD DRIVE ASSEMBLY (600FT/MIN)



1035-04

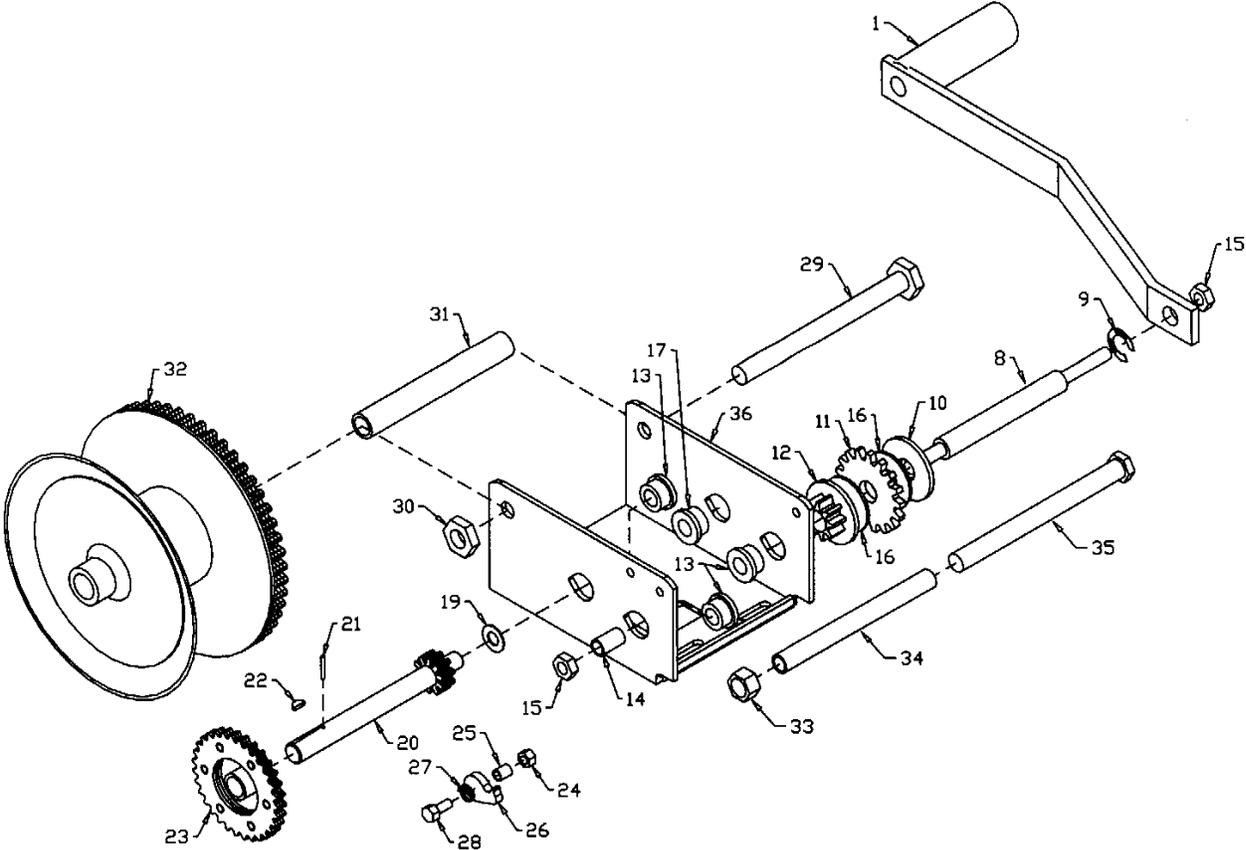
10" x 35' Top Electric Buhler Conveyor - Drive Assemblies

Item #	Part #	Description
1	908084	Guard Weldment 43" Lg
2	908077	Guard Bracket Weldment 1 1/4" x 22 1/2" Lg
3	908048	Motor Mount Weldment
4	909567	14" Double Pulley (1" Bore)
5	966286	Belt B88
6	908102	Key 1/4" x 3 1/4" Lg
7	87553	1/2" x 1 3/4" Hex Bolt (pl)
8	81637	1/2" Lock Washer (pl)
9	81636	1/2" Hex Nut (pl)
10	81620	1/2" x 1 1/4" Hex Bolt (pl)
11	908050	Threaded Rod Weldment 1/2" x 11 1/2" Lg
12	84048	1/2" Flat Washer SAE (pl)
13	81527	1/4" x 1" Hex Bolt (pl)
14	81545	1/4" Lock Washer (pl)
15	81544	1/4" Hex Nut (pl)
16	84072	3/8" x 3/4" Hex Bolt (pl)
17	81593	3/8" Lock Washer (pl)
18	81592	3/8" Hex Nut (pl)
19	907376	Latch Rubber - T
20	907375	Latch Cotter Pin
21	907377	Latch Washer
22	907374	Latch Pin
23	988999	3/4" x 3/8" Set Screw
24	909566	10" Double Pulley (1" Bore)
25	909565	4" Double Pulley (1" Bore)
26	959002	Belt B50
27	908099	Belt Guard 28" Lg
28	909032	Key 1/4" x 2 1/2" Lg
29	907920	Jack Shaft 23" Lg
30	84277	1/2" x 1 1/2" Hex Bolt (pl)
31	961792	1" Pillow Bearing (P205-100)
32	907918	Adjustment Slider
33	907919	Mounting Plate Weldment
34	81633	1/2" x 5" Hex Bolt (pl)
35	909093	Belt Guard 32" Lg
36	973438	Belt B54
*37		4" Pulley (Supplied by Customer)

*SEE INSTRUCTIONS FOR CORRECT PULLEY AND MOTOR SIZES

No. K2550 WINCH

961945 - 7" x 46' & 51'; 8" & 10" AUGERS



CA-26

NO. K2550 WINCH PARTS LIST – 961945 – 7" x 46', 51'; 8" & 10" AUGERS

ITEM	DESCRIPTION	PART #
1	Handle	2461S01
CABLE KEEPER KIT		5621S01
4	Bolt	
5	Cable Clamp	
6	Lockwasher	
7	Nut	
INPUT SHAFT KIT		1565S01
8	Input Shaft	
9	Retaining Ring	
10	Brake Disc	
11	Ratchet Gear	
12	Pinion Gear	
13	Bushing	
14	Spacer	
15	Nut	
16	Friction Disc	1578S00
INTERMEDIATE SHAFT KIT		1569S01
17	Bushing	
19	Washer	
20	Intermediate Shaft	
21	Roll Pin	
22	Woodruff Key	
23	Gear	
RATCHET KIT		6730S00
24	Nut	
25	Spacer	
26	Ratchet Pawl	
27	Spring	
28	Shoulder Bolt	
29	Drum Bolt	*
30	Lock Nut	*
31	Drum Spacer	*
32	Drum Assembly	*
33	Lock Nut	*
34	Frame Spacer	*
35	Bolt	*
36	Frame	*
BUSHING KIT		906537
13	Bushing	
17	Bushing	

* NOT AVAILABLE

TROUBLE SHOOTING

PROBLEM	CAUSE	SOLUTION
Belt running to one side at intake end.	Belt not evenly aligned.	If the belt runs to the right, tighten the right side or loosen the left side.
	Intake roller not perpendicular to belt.	Square roller using tightener bolts.
	Build up of material on intake roller.	Clean roller.
	Conveyor not level so belt pulls to low side.	Level conveyor
Belt runs to one side at all points.	Belt not joined squarely.	Square ends and resplice.
Conveyor will not run.	Belting loose.	Tighten and align.
	Drive belts loose	Tighten and align belting.
	Belt frozen to tube from high humidity in extreme cold.	Run conveyor empty so belt dries prior to Freezing.
Low conveying capacity	Conveyor Belt Slipping	Tighten and align
	Drive belt slipping.	Replace if worn align and set tension.
	Conveyor angle too steep.	Check angle and adjust.

NOTES

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DIVISION LOCATIONS

Farm King Division
301 Mountain Street S.
Morden, MB R6M 1X7
Ph.: (204) 822-4467
Fax: (204) 822-6348

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1201 Regent Ave. W.
Box 1003
Winnipeg, MB R2C 3B2
Ph.: (204) 661-8711
Fax: (204) 654-2503

Inland Division
675 Washington Ave.
Winnipeg, MB R2K 1M4
Ph: (204) 667-7854
Fax: (204) 669-2599

B.I.I. Division
1330 43rd Street N.W.
Fargo, ND 58102
Ph: (701) 282-7014
Fax: (701) 282-5865

CANADIAN WAREHOUSES

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(604) 864-2665

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(403) 962-6991

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QC, Dorion
(450) 455-4840

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OR, Portland
(503) 234-0378

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(605) 352-8616

TX, Houston
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UT, Salt Lake City
(801) 972-4321

WI, Portage
(608) 742-1370

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011-618-98-214422

Chihuahua, Mexico
011-52-158-90306

John Kerr Equipment Ltd.
Wilcoxholm Farm
Linlithgow, W. Lothian
Scotland
011-441-506-842280

Skovde, Sweden
011-46-500-452651

Naestved, Denmark
011-45-557-29511

bühler

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