

# IntelliChain® II Alley Scraper DRIVE UNIT



**Patz**  
IntelliChain® II



### PLANETARY

*Gearbox is more energy-efficient, uses less horsepower than conventional gearboxes, and provides quiet operation.*



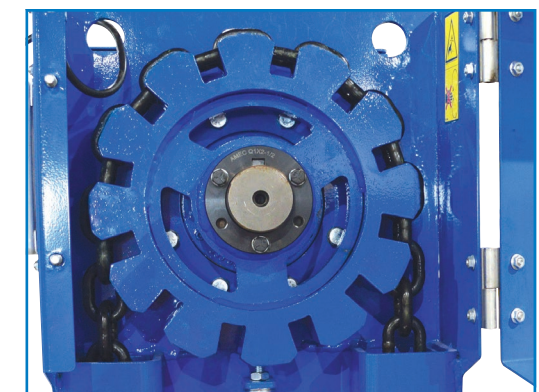
### ELECTRIC MOTOR

*Three-phase, ¾-horsepower electric motor efficiently powers the drive unit. (IntelliChain® II Alley Scraper will operate on single- or three-phase input power.)*



### DRIVEN PULLEY

*Takes power from motor to planetary to pocket sprocket which, in turn, drives the chain.*



### POCKET SPROCKET

*Cradles the chain, effectively driving it in forward or reverse. Connected to the reducer with a tapered bushing, the pocket sprocket is easy to replace (sprockets available in five different colored stages for easy identification).*

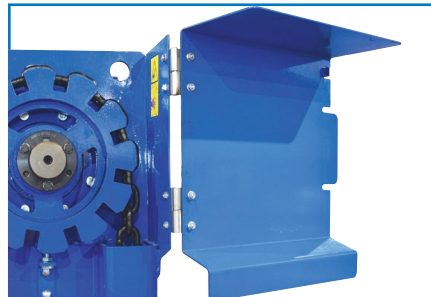


### MOTOR PULLEY

*A common single belt and pulley design for power transfer from motor to planetary gearbox. Large motor pulley designed for greater belt life.*

### MANUAL HYDRAULIC TENSIONER OPTION

*Tensioning system with hydraulic hand pump and cylinder to manually tension chain.*



### GUARD DOORS

*Provide safety for operators and protection for drive unit components. Opening a guard door will activate a safety interlock that automatically shuts the unit down.*



### NEW! SENTINEL CONTROL PANEL (II & II HD)

- Patz innovative "Learning System."
- Fiberglass NEMA enclosure with easy-to-use, quick-connect electric cables with pre-wired junction box.
- Glove-friendly, easy-to-use, 7" (178 mm) color HMI touch screen display.
- Large, easy-to-recognize universal language icon navigation.
- 3 operational modes: MANual, CONTinuous, and AUTOMATIC (schedule up to 12 cycles per day).
- Adjustable speed control.
- "Auxiliary Relay Function" allows the operator to automatically start another machine, lights, or horns by supplying a start signal.
- Patz innovative and patented Auto-Tensioning option (*IntelliChain II HD Only*)
- Superior sensitivity - programmable BUMP feature.
- Advanced "Patz Remote Notification" emails and/or text messages operator(s) with scraper status and service updates. Transmits updates following corrective service.
- Faults are stored in memory up to 4 weeks—even if power is cycled. Allowing service technicians to quickly troubleshoot.
- Integrated LOCK-OUT/TAG-OUT power disconnect lever.
- HARD PULL one-button feature for freshly bedded alleys and/or excessive manure.
- QUICK CLEAN feature cleans alley in between scheduled cleanings.
- PARK feature positions scrapers out of way when needed (designate alternate scraper location other than HOME).
- Black plastic manual box included to protect Operator's and Parts Manuals from the environment.

TOTAL CIRCUIT UP TO 1,000 ft. (305 m)