

# IntelliChain® MAX Alley Scraper DRIVE UNIT

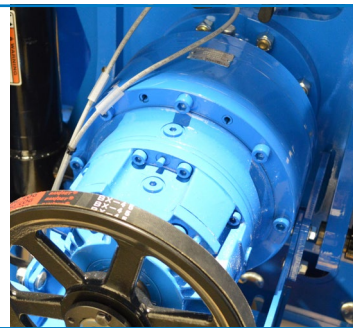
## VERTICAL DRIVE PACKAGE

Twin, telescoping hydraulic cylinders maintain drive system position. Drive frame travels vertically on robust cam followers in stabilizer track for smooth operation as system reverses.



## HEAVY-DUTY PLANETARY

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



## DRIVEN PULLEY

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



## MOTOR PULLEY

Single belt and pulley design for power transfer from motor to planetary gearbox. Large motor pulley designed for greater belt life.



## THREE PHASE 2 OR 3 HORSEPOWER ELECTRIC MOTOR

Efficiently powers the drive unit. Will operate on single or three-phase input power.



## PATENTED AUTOMATIC TENSIONER

Automatic tensioner system adjusts tension during machine operation avoiding overtensioning by other systems.



## MANUAL HYDRAULIC TENSIONER

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. Doors front and back for easy service access.



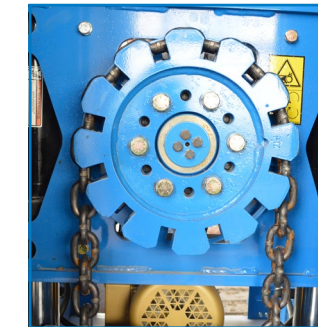
## PATZ CHAIN

is made of high-quality 1/2" (13 mm) hardened steel to withstand the stress and friction of contact between links and concrete alleys. To ensure you always receive genuine Patz chain, every sixth link is imprinted with 'PTZ.' Patz chain can be ordered in a variety of lengths, including custom lengths in one-foot increments for splice-free installation.



## POCKET SPROCKET

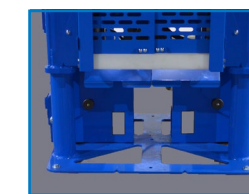
Cradles the chain in hardened plate steel, effectively driving it in forward or reverse. Connected to the reducer with a splined shaft, the pocket sprocket is easy to replace (sprockets available in five different colored stages for easy identification).



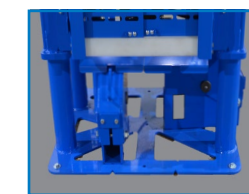
## DRIVE UNIT CORNER WHEELS

Can be placed in straight, corner, parallel, or offset mounting formations for layout flexibility and space savings (see Drive Unit Configurations below). Steel housing encloses drive unit corner wheels for safety and protection. Corner wheels feature hardened axle and nylon bushings for longer life. Optional ball bearing foot wheels for sand conditions.

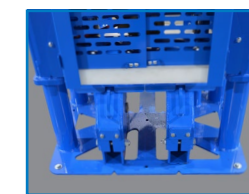
## DRIVE UNIT CONFIGURATIONS



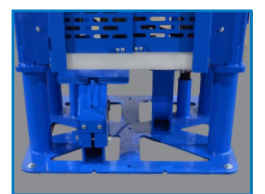
"I" (Straight) Position  
Most basic setup.



"L" (Corner) Position  
This setup positions the drive unit in the alley.



"U" (Parallel) Position  
Provides space savings and locates the drive unit in a corner out of basic travel routes.



"Z" (Offset) Position  
Provides space savings by narrowing the space required for the drive. Can be used instead of "straight" position.

