

SUPERWHEEL®

skatewheel-size
all-plastic
gravity conveyor wheel



Superwheel can be interchanged with standard skatewheels. It weighs only .057 lbs per wheel and can reduce the weight of a typical gravity conveyor section by 40% or more.

Cover removed to show six tubular rollers with many times more support than ball bearings in a plastic wheel.

The **first** anti-friction, heavy duty, all-plastic wheel suitable for general skatewheel conveyor service.

Available on O.E.M. basis to conveyor manufacturers.

Low Friction

The bearing friction in Superwheel® is significantly lower than in plastic wheels previously available for conveyor systems. Friction is only one-third that of existing all-plastic wheels. Based on comparative tests made with top grade, military specification nylon wheel conveyor requiring a slope of 0.9"/foot. When Superwheels were substituted, a slope of only 0.3"/foot was needed.

No Rust

All components of the Superwheel® are made out of corrosion resistant plastic, permitting applications with exposure to weather, water and many harsh chemicals.

Interchangeable With Skate Wheels

Kornylak's Superwheel® has the same OD, bore and width dimensions as standard skate wheels, so it works with the same axles, spacers and frames to produce all-plastic wheel conveyors.

No Lubrication

No lubrication means that Superwheels® run dry and never need oil or grease.

Heavier Load Rating

Superwheel® has six tubular rollers in place of the ball bearings usually used in wheels of this type. The large rollers are closely spaced and maintain contact across their full width. This provides exceptional load carrying capacity and eliminates the brinelling problem of a ball bearing type plastic wheel.



Kornylak Corporation • 400 Eaton St., • Hamilton, Ohio 45011 USA

SUPERWHEEL gravity conveyor sections and stands

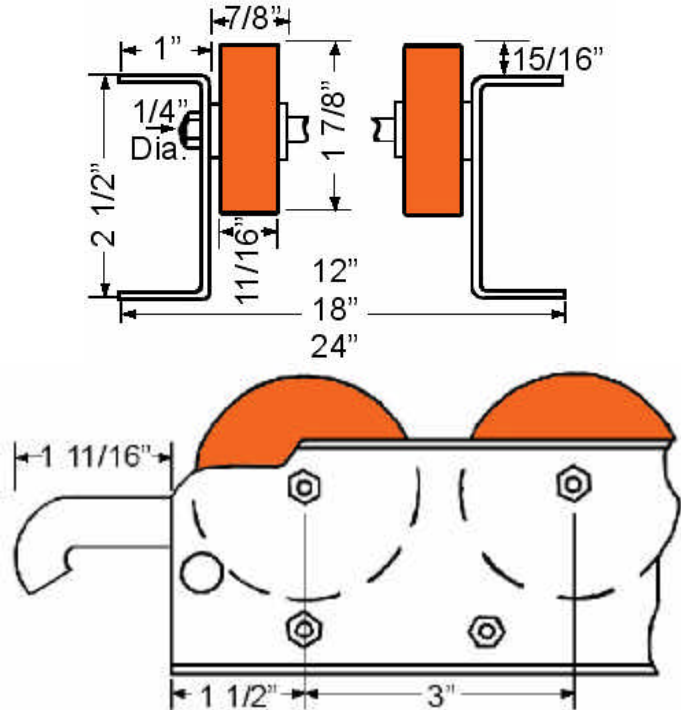
SUPERSECTION FEATURES

- Completely bolted construction.
- Formed 10 gage aluminum channel.
- Accurately aligned 1/4" diameter steel axles.
- Aluminum spacers.
- Stringers and cross braces of 10 gage aluminum.
- Self-locking nuts assure positive assembly.

CAPACITIES

- Individual Superwheel - 25# per wheel.
- Aluminum Frame Supersection (distributed load, supports on 10' centers) - 500#.

DIMENSIONS OF STANDARD SUPERSECTIONS

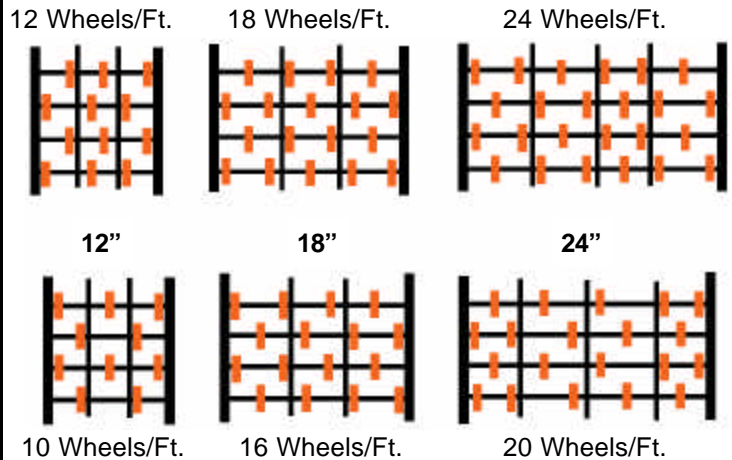


MODEL NUMBER CODES

Supersection Conveyor | Permanent Stand

18	AS	18	PK	18	40 60
Width - inches	Frame: A Aluminum S Superwheels	Number of Superwheels per foot	Permanent Stand	Conveyor Width - inches	Height adjustment Range - Inches e.g., 40" - 66"

CHOICE OF OVERALL WIDTHS - PATTERNS



PERMANENT STAND FOR SUPERSECTION

12" Conveyor

Model No.
PK12-1519
PK12-1825
PK12-2433
PK12-3040
PK12-4066
PK12-5680

18" Conveyor

Model No.
PK18-1519
PK18-1825
PK18-2433
PK18-3040
PK18-4066
PK18-5680

24" Conveyor

Model No.
PK24-1519
PK24-1825
PK24-2433
PK24-3040
PK24-4066
PK24-5680

**Bolts to conveyor section.
Adjusts vertically and angularly.
Available for 12", 18" and 24"
conveyor widths.**

