



**QC Industries**  
LLC

Driven by Customers ... Powered by Proven Products

# The Smart Conveyor™



The Smart Conveyor™

## Precision Indexing

**PRECISION INDEXING**  
tolerance to register a part to  
within +/- .015" without sensors

## High Speeds

**HIGH SPEEDS**  
up to 2000 fpm with  
ramp up/down capacity

### SPECIFICATIONS

Widths up to 18 inches (Special widths available. Consult factory.)

Lengths up to 24 feet

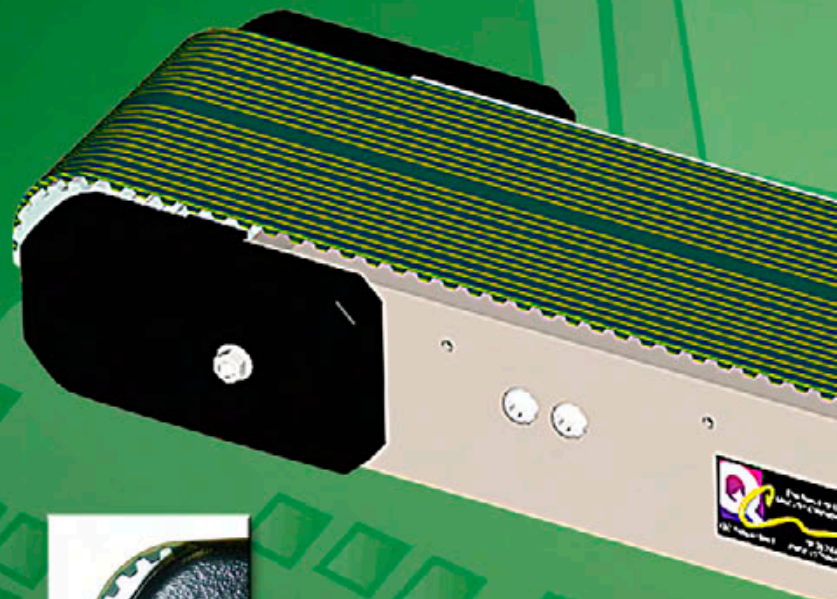
Rapid adjust guides, conveyor mounts and support stands available as standard

Heavy duty 10 gauge steel powder coated frame construction

Custom powder coated colors to match customer specifications

Less than 5-minute belt change outs

Available in standard, washdown and metric versions



### TIMING PULLEYS

Positive non-slip drive pulleys

Self-aligning drive bearing with seals

Bearings can be lubricated rapidly, without drive removal

Pulleys comprised of 22 T10 pitch teeth

Tooth-to-tooth dimension is 10mm

One revolution of the belt equals 220mm of travel



### TIMING APPLICATIONS

Precision indexing

High cycle start/stop

Synchronous movement

Rapid cycling

Reversing

Elevating

Side exiting

# Conveyor™



The Smart Conveyor™

## Custom Cleats

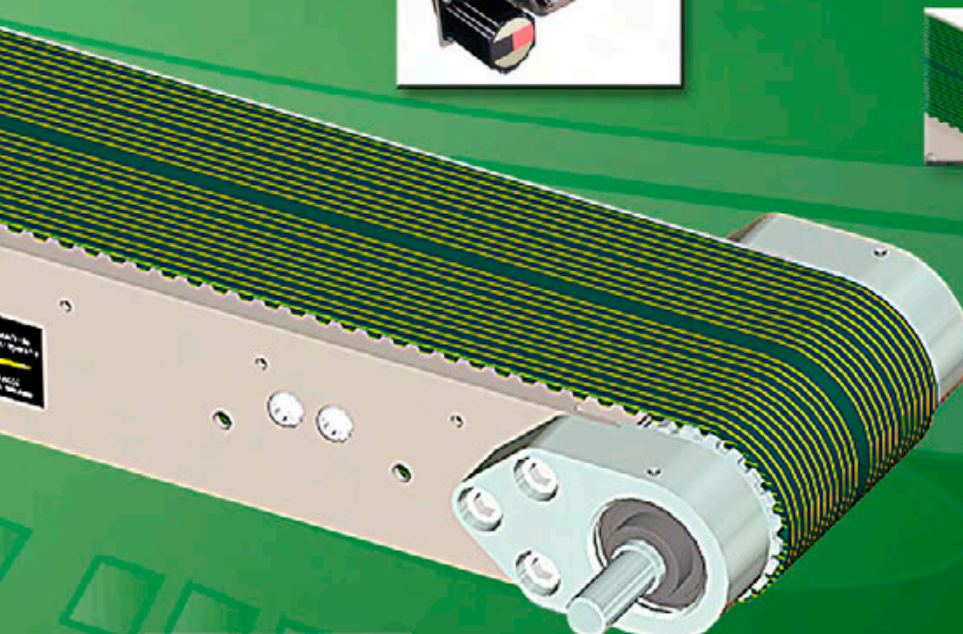
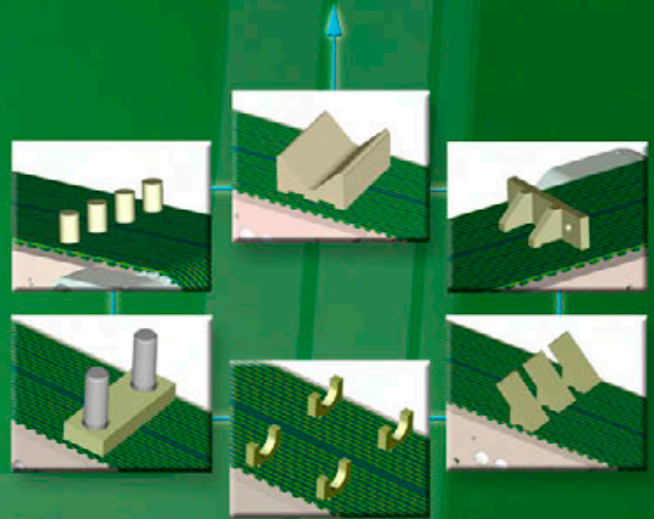
### STEPPER MOTORS and SERVO DRIVES

PLC programmable

Multiple drive mounting  
configurations available



CUSTOM MOLDED CLEATS  
to integrate perfectly  
with your part or application



## TIMING BELTS

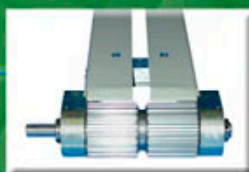
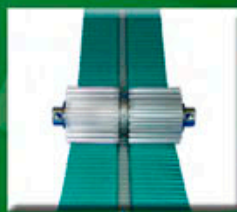
Self-tracking V-guide thermally  
welded to the carcass of the belt

Nylon coated belt carcass  
to reduce friction and  
minimize noise

Positive *non-slip* timing  
belt carcass

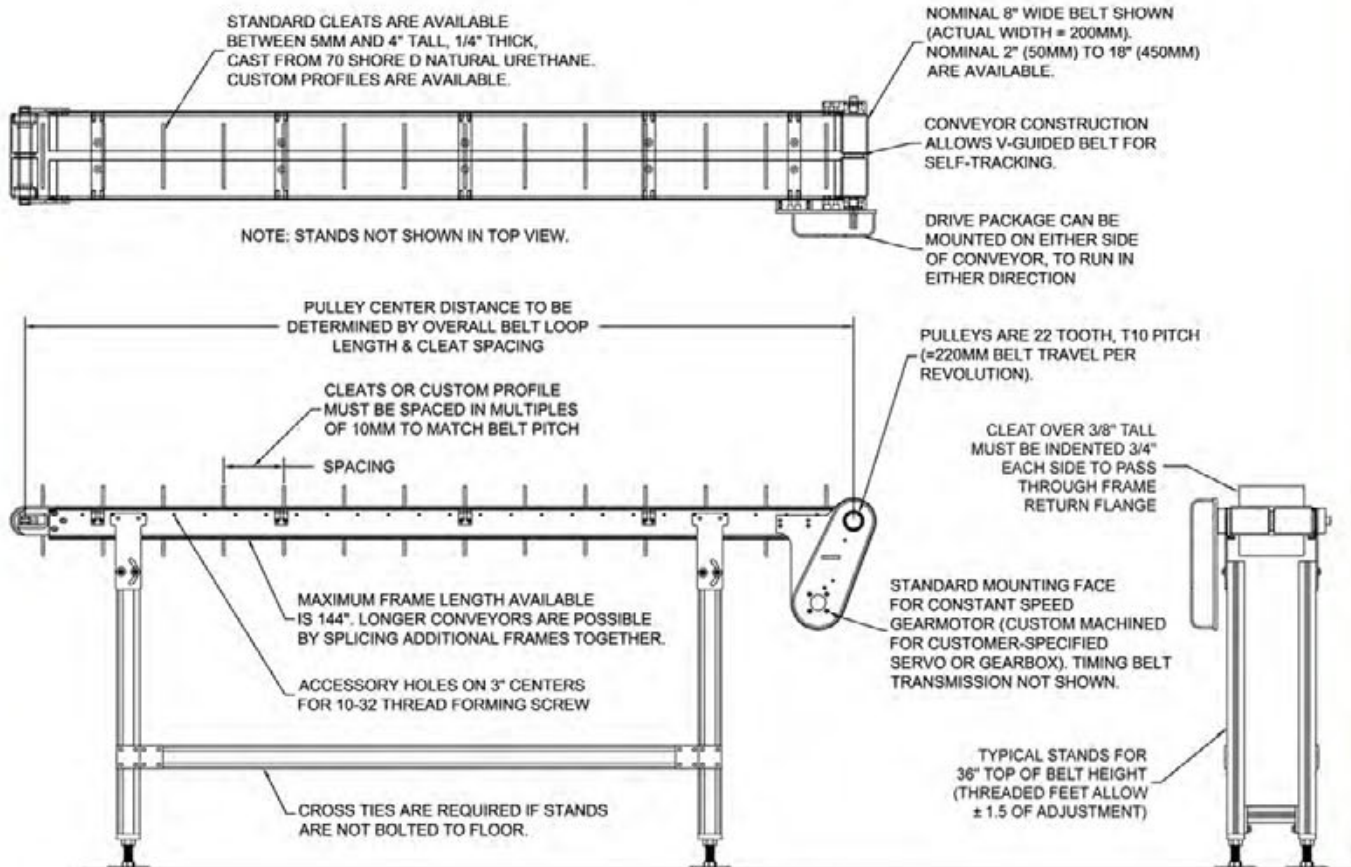
Ability to run multiple bands of  
belting on one conveyor

Timing belts are steel or Kevlar  
reinforced to offer high load  
carrying capacities, reduce stretch  
and allow for precision cleat  
or profile placement





# The Smart Conveyor™



4057 Clough Woods Drive  
 Batavia OH 45103  
 513-753-6000 Fax 513-753-6001  
 E-mail: sales@qcindustries.com  
 www.qcindustries.com

**Distributor:**