



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

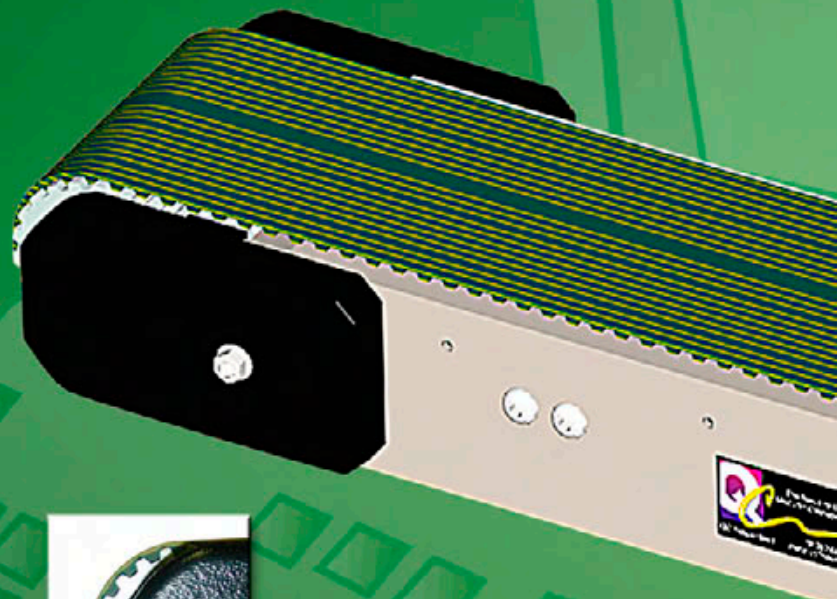
Rapid adjust guides, conveyor mounts and support stands available as standard

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™



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Custom Cleats

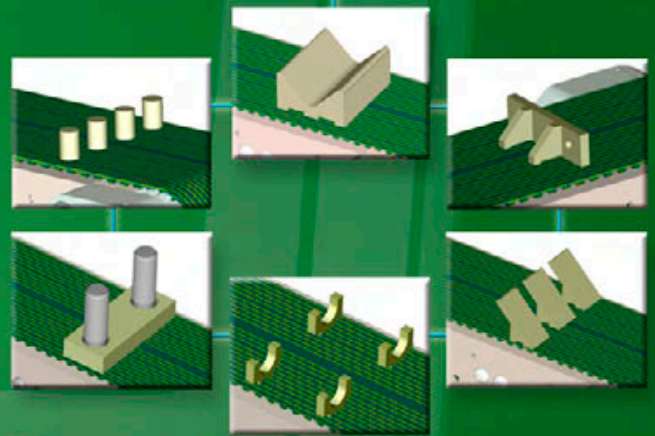
STEPPER MOTORS and SERVO DRIVES

PLC programmable

Multiple drive mounting
configurations available



CUSTOM MOLDED CLEATS
to integrate perfectly
with your part or application



TIMING BELTS

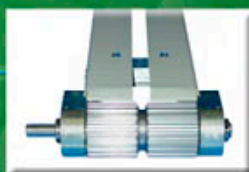
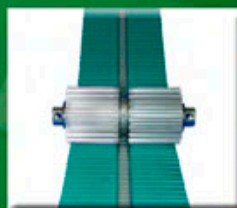
Self-tracking V-guide thermally
welded to the carcass of the belt

Nylon coated belt carcass
to reduce friction and
minimize noise

Positive *non-slip* timing
belt carcass

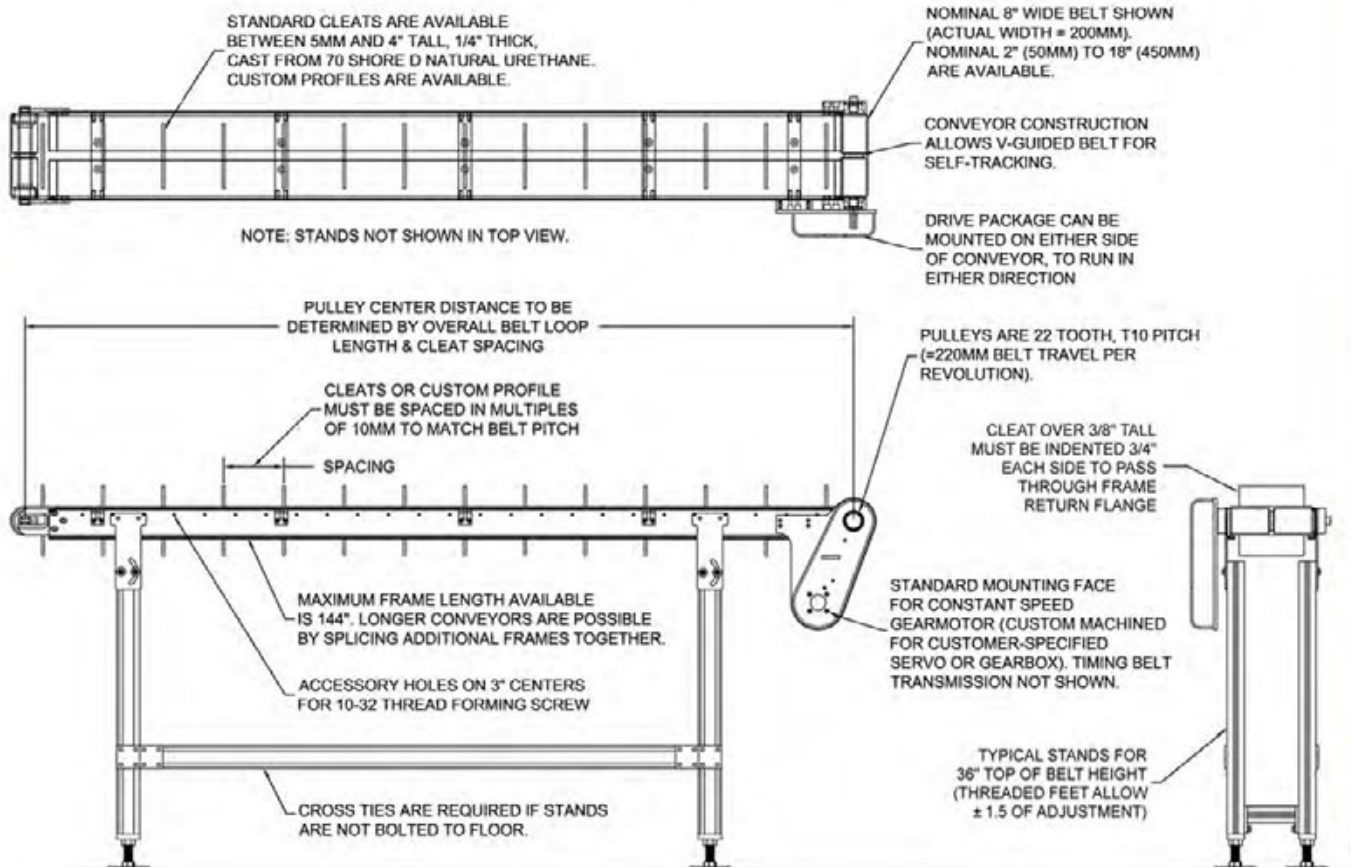
Ability to run multiple bands of
belting on one conveyor

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





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