



CARTER CONTROL SYSTEMS

QUALITY MANAGEMENT SYSTEM
CERTIFIED BY DNV
ISO 9001:2000

CARTERROLL™ CL CONVEYOR

BENEFITS

- LOW POWER 24VDC CONSUMPTION
- SAFE AND QUIET OPERATION
- LOWER COST OF OWNERSHIP
- LOW NOISE-ABEC BEARINGS
- REQUIRES NO SIGNIFICANT PREVENTATIVE MAINTENANCE
- RUN-ON-DEMAND MODE PROVIDES COST SAVINGS AND EXTENDED SERVICE LIFE
- REDUCE INSTALLATION TIME AND COMPLEXITY
- ENHANCED SYSTEM LAYOUT FLEXIBILITY

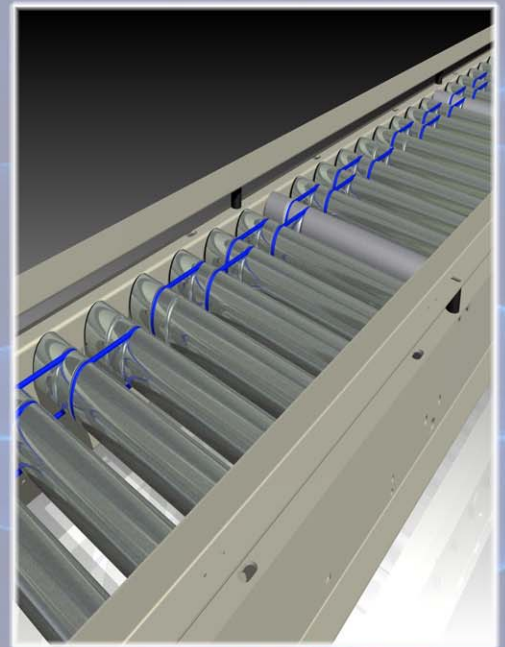
THE CARTERROLL™ CL CONVEYORS ARE SAFE, DURABLE AND RELIABLE, SIZED IN VARIOUS STANDARD WIDTHS AND LENGTHS FOR FLOOR OR OVERHEAD MOUNTING. THESE CONVEYORS RUN ONLY WHEN NEEDED TO MOVE PRODUCT, THEREBY CONSERVING POWER, REDUCING WEAR AND TEAR AND LIMITING OPERATIONAL NOISE.

EACH CARTERROLL™ CL CONVEYOR CONSISTS OF MOTORIZED POWER ROLLERS (MPR) AND SLAVE/IDLER ROLLERS CONFIGURED INTO ZONES WITH THE MASTER POWER ROLLER AND IDLER ROLLERS INTERCONNECTED VIA "O" RINGS. MOTORIZED POWER ROLLERS ARE PLACED AS NEEDED ALONG THE CONVEYOR EQUIPMENT TO ASSURE THE CONSISTENT MOVEMENT, CONTROL AND ORIENTATION OF THE HEAVIEST REQUIRED PRODUCT CONTAINER. THE NUMBER OF MOTORIZED ROLLERS AND ASSOCIATED SLAVE-DRIVEN IDLER ROLLERS THAT MAKE UP A "ZONE" IS DEPENDENT ON THE VARIATION OF PRODUCT SIZE AND CONVEYOR LENGTH. THE ZONE DESIGN ALSO PROVIDES ZERO-PRESSURE, ZERO-CONTACT ACCUMULATION KEEPING PRODUCT FROM CONTACTING EACH OTHER ALONG THE CONVEYOR PATH. CONVEYOR ROLLERS ARE SEALED AND USE ABEC BEARINGS FOR QUIET AND RELIABLE OPERATIONS.

THE PRODUCT IN ONE ZONE WILL ONLY MOVE ALONG INTO THE NEXT ZONE, IF THE NEXT ZONE IS UNOCCUPIED. CONVEYOR ZONES STOP RUNNING IF THERE IS NO PRODUCT TO TRANSPORT IN THAT ZONE. THIS RUN-ON-DEMAND FEATURE REDUCES OPERATIONAL COST AND EXTENDS PRODUCT LIFE. WHEN THERE IS A BACKUP ON THE DOWNSTREAM CONVEYOR, CONTAINERS ACCUMULATE AUTOMATICALLY UPSTREAM UNTIL THE BACKUP IS CLEARED.

BOTH MECHANICAL AND ELECTRICAL COMPONENTS FOR THE CARTERROLL™ CL CONVEYOR ARE MODULAR AND INTERCHANGEABLE. ALL ELECTRICAL COMPONENTS MEET APPLICABLE STANDARDS FOR RATING, CLASS, AND APPROVALS FOR NEMA, UL AND CE. ALL PRE-ENGINEERED CARTERROLL™ CL CONVEYOR EQUIPMENT REQUIRES

IT'S ALL ABOUT SAFETY, DURABILITY, RELIABILITY, AND SAVING ENERGY,
SO MAKE YOUR MOVE TO CARTERROLL™ CONVEYORS NOW.



A 24VDC SYSTEM SUPPLIED POWER SOURCE. ALL CONVEYOR WIRING IS CAPTURED WITHIN THE CONVEYOR FRAMING AND UTILIZES A COMBINATION OF TERMINAL BLOCKS, QUICK DISCONNECT CONNECTORS AND WIRE/CABLE HARNESSSES. OPTIONAL SEE-THRU SNAP-ON SIDE FRAME COVERS CAN BE INCLUDED ALONG THE WIRE SIDE OF THE CONVEYOR FRAME



CARTERROLL™ CL CONVEYOR

FEATURES

- 40 LBS PER LINEAR FOOT
- 24VDC OPERATING VOLTAGE
- MODULAR COMPONENT DESIGN
- AUTO ACTIVATED ZERO-PRESSURE, ZERO-CONTACT ZONES
- REDUCED ENERGY CONSUMPTION
- STANDARD BETWEEN FRAME WIDTHS RANGE FROM 15" TO 36"
- PLUG AND CONVEY MODULES PRETESTED AND ENGINEERED TO REDUCE MAINTENANCE
- ACCUMULATION AND TRAIN RELEASE MODES
- REDUCED NOISE LEVELS

TECHNICAL DATA

SPEED: - 30 FPM- 300 FPM	CAPACITY: - 40 LBS PER LINEAR FOOT	FRAME: - 12 GA STEEL WITH BOLT-ON FLANGES, CROSS MEMBER SUPPORTS, AND PROTECTIVE COVERS (CARTERROLL™ DESIGN)
CONTROLS/POWER REQUIREMENTS: - 24VDC - ETHERNET/IP COMPATIBLE - POWER AND CONTROL SYSTEM CABLING ENCLOSED IN SIDE CHANNELS	SUPPORTING MECHANISMS: - FLOOR: ADJUSTABLE LEG SUPPORT - OVERHEAD: PROVISIONS FOR CEILING ATTACHMENTS	CONVEYOR DRIVE: - 24VDC POWERED ROLLER
DIMENSIONS: - 15"- 36" WIDE - 6"- 120" CONVEYOR SECTIONS	MOUNTING CAPABILITIES: - OVERHEAD OR FLOOR	PRODUCT DETECTION: - PHOTO ELECTRIC SENSOR/REFLECTOR CONFIGURATION

