



QUALITY MANAGEMENT SYSTEM
CERTIFIED BY DNV
ISO 9001:2000

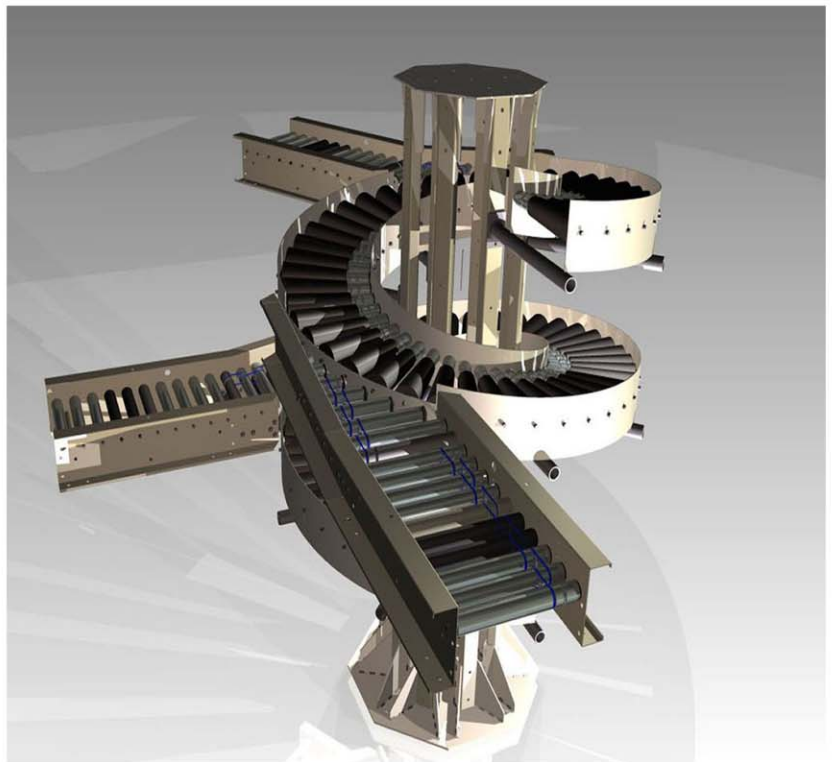
CARTERROLL™ CL SPIRAL MERGE/DIVERT CONVEYOR

BENEFITS

- LOW POWER CONSUMPTION
- SAFE AND QUIET OPERATION
- INNOVATIVE MODULAR DESIGN
- LOW NOISE ABEC BEARING ROLLERS
- RUN-ON-DEMAND FEATURE AND EXTENDED SERVICE LIFE
- REDUCED SYSTEM FOOTPRINT
- ENHANCED SYSTEM LAYOUT FLEXIBILITY

THE CARTERROLL™ CL SPIRAL MERGE/ DIVERT CONVEYOR IS A SAFE, DURABLE, RELIABLE AND SIZED IN VARIOUS STANDARD WIDTHS AND RADIUSSES FOR ANY SPIRAL CONFIGURATION OR MOUNTING. THESE CONVEYORS RUN ONLY WHEN NEEDED TO MOVE PRODUCT, WHICH CONSERVES POWER, REDUCES WEAR AND TEAR, AND LIMITS OPERATIONAL NOISE. OUR SPIRAL MERGE / DIVERT CONVEYORS ALLOW LOADS TO ENTER AND EXIT ANY SPIRAL FROM SEVERAL DIFFERENT ELEVATIONS AND WORKS ESPECIALLY WELL FOR LOADS THAT ARE FAIRLY UNIFORM IN SIZE AND WEIGHT. IN ADDITION, THE MODULAR DESIGN OF OUR SPIRAL MERGE/DIVERT CONVEYOR ALLOWS US TO EASILY CUSTOMIZE AND MODIFY THE CONVEYOR TO ACCOMMODATE YOUR CHANGING NEEDS.

EACH CARTERROLL™ CL SPIRAL MERGE/ DIVERT 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 TO ENSURE CONSISTENT MOVEMENT AND CONTROL OF THE PRODUCT. THE NUMBER OF POWER ROLLERS CAN BE ADJUSTED TO ACCOMMODATE VARIOUS PRODUCT SIZES AND WEIGHTS. OUR ZONE DESIGN ALSO PROVIDES ZERO-PRESSURE, ZERO-CONTACT ACCUMULATION CAPABILITIES AND A "RUN-ON-DEMAND" FEATURE. WITH RUN-ON-DEMAND, EACH ZONE STOPS RUNNING WHEN NO PRODUCT OCCUPIES THE CORRESPONDING ZONE, WHICH HELPS REDUCE OPERATING COSTS AND EXTEND PRODUCT LIFE.



BOTH MECHANICAL AND ELECTRICAL COMPONENTS FOR THE CARTERROLL™ CL SPIRAL MERGE / DIVERT 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 REQUIRE A 24VDC SYSTEM SUPPLIED POWER SOURCE.

SAFE, DURABLE, RELIABLE, AND ENERGY EFFICIENT
MAKE YOUR MOVE TO CARTERROLL™ CL CONVEYORS NOW.

CARTERROLL™ CL SPIRAL MERGE/DIVERT CONVEYOR

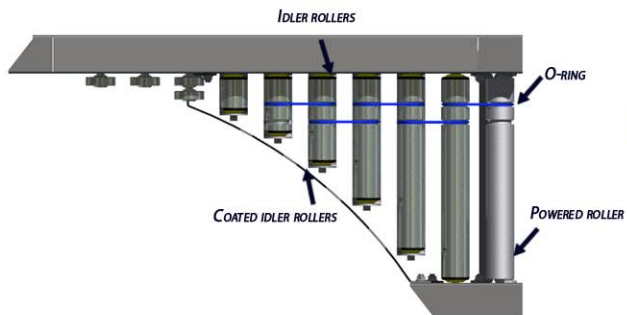
FEATURES

- 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 THROUGH 200 FPM	CAPACITY: - 40 LBS PER LINEAR FOOT	FRAME: - 12 GA STEEL, CROSS MEMBER SUPPORTS, AND AVAILABLE WITH OR WITHOUT PROTECTIVE COVERS (CARTERROLL™ DESIGN)
CONTROLS/POWER REQUIREMENTS: - 24VDC - CONTROLS AVAILABLE FOR ANY 24VDC. - POWER AND CONTROL SYSTEM CABLING ENCLOSED IN SIDE CHANNELS	SUPPORTING MECHANISMS: - PROVISION MADE FOR OUTSIDE CURVE MOUNTING AND - OVERHEAD: PROVISIONS FOR CEILING ATTACHMENTS	CONVEYOR DRIVE: - 24VDC POWERED ROLLER
APPLICATIONS: - OPTION ENABLES SPIRALS TO BE USED IN VERTICAL SORTATION SUCH AS PALLETIZING - MULTI-LEVEL RECEIPT AND DISPATCH OPERATION	MOUNTING CAPABILITIES: - OVERHEAD OR FLOOR - CLIP-ON DESIGN ALLOWS FOR MOUNTING AT ANY SPIRAL ZONE	PRODUCT DETECTION: - PHOTO ELECTRIC SENSOR/REFLECTOR CONFIGURATION

STANDARD ZONE CONTENTS



ZONE CONFIGURATION

