

INDUSTRIAL LAUNDRY



DURABLE BELT SOLUTIONS FOR INDUSTRIAL LAUNDRY & TEXTILE PROCESSING EQUIPMENT



INDUSTRY LANDSCAPE

THE INDUSTRIAL LAUNDRY INDUSTRY SERVES HOTELS, HOSPITALS, MILITARY BASES, AND LARGE-SCALE LAUNDROMATS — WHERE EQUIPMENT OPERATES FOR LONG HOURS UNDER HIGH HUMIDITY, HEAT, AND HEAVY MECHANICAL LOADS. POWER TRANSMISSION SYSTEMS IN THIS FIELD MUST BE ABLE TO MANAGE CONTINUOUS USE, FAST CYCLE TRANSITIONS, AND PRECISE MOTION FOR BOTH WASHING AND FINISHING STAGES.

MOVENDIS DELIVERS BELTS DESIGNED TO ENDURE THERMAL STRESS, STEAM EXPOSURE, AND MOISTURE WHILE MAINTAINING GRIP, ALIGNMENT, AND SYNCHRONIZATION. OUR SOLUTIONS HELP REDUCE MAINTENANCE NEEDS AND ENHANCE EFFICIENCY ACROSS WASHERS, DRYERS, IRONERS, FOLDERS, AND CONVEYORS.

APPLICATIONS AREA



TUNNEL WASHERS & DRUM WASHERS

USED FOR LARGE TEXTILE LOADS IN CONTINUOUS CLEANING SYSTEMS.

BELTS MUST RESIST EXPOSURE TO WATER, DETERGENTS, AND HEAT.

->MOVENDIS BELTS MAINTAIN DIMENSIONAL STABILITY DESPITE FREQUENT TEMPERATURE FLUCTUATIONS AND HIGH ROTATIONAL FORCES.



CONTINUOUS DRYERS

OPERATE AT HIGH TEMPERATURES WITH CONSTANT DRUM ROTATION.

->OUR BELTS ARE MADE WITH HEAT-RESISTANT RUBBER COMPOUNDS AND PROVIDE NON-SLIP MOTION CONTROL UNDER LOAD.



IRONERS & FLATWORK FINISHERS

DRIVE ROLLERS, BELTS, AND TENSIONERS FOR SHEETS, UNIFORMS, AND TEXTILES.

REQUIRES PERFECT ALIGNMENT AND NO VIBRATION TO AVOID WRINKLING OR FABRIC DAMAGE.

->MOVENDIS BELTS OFFER LOW-FRICTION AND ANTI-STATIC PROPERTIES.



FOLDING & STACKING EQUIPMENT

WHERE BELTS GUIDE TEXTILES THROUGH PRECISION FOLDING ARMS AND STACKING PLATFORMS.

SYNCHRONIZED MOTION AND ANTI-MARKING BELT SURFACES ARE KEY.

->MOVENDIS PROVIDES TIMING AND FLAT BELTS WITH MINIMAL MAINTENANCE NEEDS



TEXTILE CONVEYOR SYSTEMS

INTRA-FACILITY MATERIAL MOVEMENT AND HANDLING. HIGH UPTIME AND LONG SERVICE LIFE ARE ESSENTIAL.

->OUR BELTS HANDLE DIRECTIONAL CHANGES AND PAYLOAD SHIFTS WITH REINFORCED TENSION CORDS.



TECHNICAL HIGHLIGHTS



TYPICAL FAILURE MODES SOLVED

- SLIPPAGE DUE TO HUMIDITY → MOISTURE-TOLERANT FRICTION SURFACES
- VIBRATION LEADING TO WRINKLING → BELTS WITH CONTROLLED ELASTICITY AND DAMPING
- NOISE FROM FAST CYCLES → LOW-NOISE PROFILES REDUCE MECHANICAL CHATTER
- RAPID BELT DEGRADATION IN STEAM ZONES → HEAT- AND DETERGENT-RESISTANT RUBBER POLYMERS



BELT TECHNOLOGIES OFFERED

- WRAPPED V-BELTS – FOR CLASSIC DRIVES AND EASY REPLACEMENTS
- RIBBED BELTS – LOW-PROFILE AND MULTI-GROOVE FOR COMPACT SPACES
- FLAT BELTS – FOR IRONING, FOLDING, AND SHEET HANDLING MACHINES
- TIMING BELTS – ACCURATE MOTION IN SYNCHRONIZED FEEDING OR FOLDING
- ANTI-STATIC OPTIONS – ESSENTIAL FOR TEXTILE SAFETY AND ELECTRONICS PROXIMITY



MOVENDIS SUPPORT FOR OEMS & FACILITIES

- ENGINEERING FOR LAYOUT-CONSTRAINED SYSTEMS
- VALIDATION UNDER HUMIDITY, DETERGENT, AND THERMAL CONDITIONS
- SPARE PART AND MRO PROGRAMS FOR FACILITIES WITH 24/7 SHIFTS
- SUPPLY CHAIN SUPPORT FOR INTERNATIONAL LAUNDRIES AND DISTRIBUTORS



SUSTAINABILITY & LIFECYCLE VALUE

- LONG-LIFE BELTS REDUCE CONSUMPTION OF SPARE PARTS
- CLEAN MANUFACTURING = LOW EMISSIONS AND ROHS COMPLIANCE
- SILENT BELTS IMPROVE ACOUSTIC COMFORT IN URBAN FACILITIES
- PACKAGING AND LOGISTICS OPTIMIZED FOR BULK SITE DELIVERY



WHY MOVENDIS ?

- BELT EXPERTISE FOR STEAM, HUMIDITY, AND TEXTILE CARE
- OEM PARTNERSHIPS AND RETROFIT-FRIENDLY OPTIONS
- DESIGNED FOR SAFETY, COMFORT, AND LONG-TERM RELIABILITY
- EUROPE-WIDE LOGISTICS WITH JUST-IN-TIME SPARE PARTS PROGRAMS

SCAN FOR MORE DETAILS



MOVENDIS KEEPS YOUR LAUNDRY EQUIPMENT MOVING — SAFELY, QUIETLY, AND RELIABLY, CYCLE AFTER CYCLE.

JOIN US AT :

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