

GARDENING



BELT SOLUTIONS FOR LAWN, GARDEN & LANDSCAPING EQUIPMENT



INDUSTRY LANDSCAPE

WHETHER IT'S A DOMESTIC LAWN MOWER, A PROFESSIONAL LANDSCAPING TOOL, OR A RIDE-ON GARDEN TRACTOR, GARDENING EQUIPMENT MUST DELIVER POWER EFFICIENTLY IN COMPACT, LIGHTWEIGHT MACHINES. THESE TOOLS OFTEN WORK IN DIRTY, WET, OR UNEVEN OUTDOOR CONDITIONS — MEANING BELTS MUST WITHSTAND DEBRIS, FREQUENT START-STOP USE, AND A WIDE RANGE OF TEMPERATURES.

AT MOVENDIS, WE PROVIDE FLEXIBLE AND RUGGED BELTS DESIGNED TO OPTIMIZE CUTTING PERFORMANCE, REDUCE OPERATOR VIBRATION, AND MINIMIZE DOWNTIME. OUR SOLUTIONS ARE TAILORED FOR SMALL ENGINE DRIVES, BLADE ROTATION SYSTEMS, AND HYDROSTATIC TRANSMISSIONS IN BOTH RESIDENTIAL AND COMMERCIAL-GRADE MACHINES.

APPLICATIONS AREA



RIDE-ON LAWN TRACTORS

USED IN ESTATES, PARKS, AND LARGE GARDENS. BELTS POWER BOTH FORWARD MOTION AND MOWING DECKS. MUST WITHSTAND DUST, GRASS RESIDUE, AND VIBRATION.

->MOVENDIS BELTS DELIVER LONG LIFE AND SMOOTH ENGAGEMENT.



GARDEN UTILITY VEHICLES & SWEEPERS

DRIVE BELTS FOR ACCESSORIES LIKE PUMPS, BLOWERS, SWEEPERS. EXPOSURE TO MUD, STONES, AND GARDEN CHEMICALS.

->MOVENDIS BELTS RESIST CONTAMINATION AND REDUCE WEAR FROM DEBRIS.

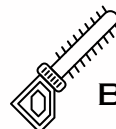


PUSH MOWERS (ELECTRIC OR GASOLINE)

DRIVES MUST BE RESPONSIVE, SILENT, AND SMOOTH.

->MOVENDIS OFFERS POLY-V BELTS FOR PRECISE TORQUE TRANSFER AND ZERO MAINTENANCE.

IDEAL FOR COMPACT, LOW-VIBRATION SYSTEMS.



BRUSH CUTTERS & HEDGE TRIMMERS

USED FOR CLEARING DENSE GROWTH AND TRIMMING.

HIGH-SPEED DRIVES WITH IRREGULAR LOAD IMPACT.

->OUR BELTS ABSORB SHOCKS AND MAINTAIN GRIP DURING OSCILLATING BLADE MOTION.



TECHNICAL HIGHLIGHTS



TYPICAL FAILURE MODES SOLVED

- GRASS CLOGGING AND BELT SLIPPAGE → OPEN-TOOTH PROFILES CLEAR DEBRIS DURING ROTATION
- CRACKING FROM RAPID TENSION CHANGES → HIGH-FLEX RUBBER AVOIDS MICRO-FRACTURES
- EARLY WEAR FROM BLADE SHOCK → REINFORCED CORDS REDUCE IMPACT STRESS
- NOISE DURING OPERATION → MOLDED EDGES REDUCE BLADE CHATTER AND IMPROVE ACOUSTIC COMFORT



BELT TECHNOLOGIES OFFERED

- DRY COVER, ARAMID CORD MOVENDIS TURF DRIVE V-BELTS – HIGH-DURABILITY, LONG-LIFE DRIVE BELTS
- DOUBLE V-BELTS – FOR COMBINED FORWARD MOTION AND BLADE SYSTEMS
- RIBBED BELTS – FOR COMPACT ENGINES AND MULTI-ACCESSORY MACHINES
- CUSTOM GARDEN-SPECIFIC PROFILES – OPTIONAL LOW-NOISE, WATER-RESISTANT MATERIALS



MOVENDIS SUPPORT FOR OEMS & FACILITIES

MOVENDIS SUPPORTS GARDENING AND LANDSCAPING BRANDS WITH:

- CUSTOM BELT SIZING AND PROFILES FOR SPACE-LIMITED DESIGNS
- LIFECYCLE AND FIELD SIMULATION TESTING
- SUPPORT FOR GLOBAL PRODUCT LAUNCHES AND SEASONAL LOGISTICS
- AFTERMARKET BELT PROGRAMS FOR RETAILERS AND SPARE PART DISTRIBUTORS



SUSTAINABILITY & LIFECYCLE VALUE

- BELTS ENGINEERED FOR LONG SERVICE REDUCE SPARE PART TURNOVER
- OPTIONAL BIODEGRADABLE RUBBER GRADES FOR NICHE MARKETS
- MANUFACTURED IN COMPLIANCE WITH EU ECOLOGICAL REGULATIONS
- NOISE-REDUCING BELTS CONTRIBUTE TO QUIETER NEIGHBORHOODS



WHY MOVENDIS ?

- GARDENING-SPECIFIC BELT ENGINEERING EXPERTISE
- FIELD-TESTED ACROSS ALL CLIMATE CONDITIONS
- FAST PROTOTYPING AND OEM CUSTOMIZATION
- TRUSTED BY COMMERCIAL LANDSCAPING AND HOME TOOL BRANDS

SCAN FOR MORE DETAILS



MOVENDIS KEEPS GARDENS GROWING — RELIABLY, QUIETLY, AND EFFICIENTLY.

JOIN US AT :

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