“For a well-kept garden.”
Norbert, 42, landscape gardener

USED WORLDWIDE

As a strong partner in the field of grounds maintenance, Optibelt offers numerous drive solutions to perfectly satisfy customers’ specifications. As well as customer-specific solutions for original equipment manufacturers, Optibelt also has a wide range of spare parts, and can therefore deliver the ideal solution to meet every requirement. Even under extreme conditions and in difficult terrain, our drive belts achieve excellent power transmission.
OPTIBELT SUCCESS STORY
MAXIMUM POWER – MINIMUM SPACE

Keeping the lawn tidy is a challenge for any machinery when it comes to mowing uneven or sloping areas. This is where ultra-compact ride-on mowers come into play with their excellent manoeuvrability and traction.

This is possible thanks to the use of specially designed high performance belts which ensure maximum power transmission even in extreme conditions.

OPTIBELT SUCCESS STORY
TOP QUALITY AND DEPENDABILITY

Zero turn mowers are real workhorses, with a drive that needs to cope with extreme tractive forces in order for the lawnmower to achieve outstanding manoeuvrability and mowing performance in every terrain. This is clearly a case for Optibelt high performance belts.

These belts were specially developed for environments like these. They provide optimised transmission of power from the drive to the mower and work reliably even under the toughest conditions.
5. FRONT MOWERS
Front mowers are not just exceptionally manoeuvrable but are also able to follow the contours of the ground perfectly. The outstanding visibility they offer allows the user to have everything under control.

1. LAWNMOWERS
The rotary mower is the classic type of lawnmower. This is a hand push mower and is mainly used in domestic gardens.

3. ZERO TURN MOWERS
Zero turn mowers do just what the name says. They mow around obstacles such as trees and shrubs quickly and easily and dispense with the need to trim around them.

2. LAWN TRACTORS
Lawn tractors, or ride-on mowers, are particularly suitable for medium-sized lawn areas and are a comfortable alternative to conventional lawnmowers.

4. LARGE AREA ROTARY MOWERS
Rotary mowers are just the right thing for functional lawn areas and parks. They are perfect for high-acreage jobs, and their rotary mowing deck makes them a robust choice for the task.
A range of different garden maintenance jobs are needed to achieve the perfect garden. The right mix of mowing, lawn aeration, fertilising and winter garden maintenance is necessary to ensure healthy growth. Optibelt follows the same principle in developing drive solutions, for this is also a matter of achieving the right interplay of components. Whether for changing gears in ride-on mowers, transferring power for shredding clippings, or ensuring the necessary feed, professional drive solutions from Optibelt provide maximum power transmission and the right performance.

7. AERATORS
Aerating, or scarifying, is done to dethatch and maintain the lawn. This procedure removes old grass cuttings and moss from the turf and optimally aerates the ground.

9. STUMP GRINDERS
Stump grinders allow tree stumps to be easily removed (by grinding) and dispense with the task of digging them out.

6. LARGE AREA CYLINDER MOWERS
Compared to rotary mowers, cylinder mowers achieve a cleaner and more lawn-friendly finish and are suitable for use in all weathers.

8. SHREDDERS
Garden shredders are used to shred or chip large volumes of any type of garden waste, including wood trimmings and shrub or hedge clippings. With the right power behind the shredder, almost anything can be shredded for using as mulch.

10. CULTIVATOR
Cultivators are used to break up the soil and are particularly suitable for preparing and working the vegetable patch.
**ADVANTAGES AND CHARACTERISTICS**
- Excellent running properties
- Special models with clutching characteristics on request
- Small pulley diameters possible
- Low stretch special version with aramid cords on request

**DIMENSIONS**

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<th>PROFILE</th>
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More profiles and dimensions on request.
**optibelt GREEN GARDEN**

**V-BELTS**

**V-GROOVED PULLEYS**
All standard pulleys, special pulleys on request

**DIMENSIONS**
All common part numbers can be found for cross-reference purposes in our current GREEN GARDEN reference catalogue

**ADVANTAGES AND CHARACTERISTICS**
- Excellent operating reliability
- Optimum operating features
- Uniform power transmission

**optibelt GREEN GARDEN**

**TIMING BELTS**

**TIMING BELT PULLEYS**
optibelt OMEGA/ZRS
- timing belts run in standard HTD and RPP pulleys

**DIMENSIONS**
All common part numbers can be found for cross-reference purposes in our current GREEN GARDEN reference catalogue

**ADVANTAGES AND CHARACTERISTICS**
- High precision for synchronous blade running
- Low noise characteristics
- Maintenance-free

**optibelt GREEN GARDEN**

**V-BELTS**

**V-GROOVED PULLEYS**
All standard pulleys, special pulleys on request

**UNIVERSAL DIMENSIONS**

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<td>35 – 82 in</td>
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</table>

Other dimensions on request

**ADVANTAGES AND CHARACTERISTICS**
- Excellent operating reliability
- Optimum operating features
- With aramid cord
- Suitable for clutches
- Suitable for back bend idlers
- For extremely small pulley diameters
- Dust-protected

**optibelt GREEN GARDEN**

**DOUBLE-SIDED V-BELTS**

**V-GROOVED PULLEYS**
All standard pulleys, special pulleys on request

**UNIVERSALABMESSUNGEN**

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More profiles and dimensions on request

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SOFTWARE TOOLS AND SPECIALIST CONSULTING

Optibelt’s free CAP software allows users to quickly and easily calculate their specific drives. For more complex drive systems, CAP Professional gives users the ability to perform detailed variable calculations. CAP’s efficiency calculator will also compare available drives with those already optimised.

Optibelt application engineers are always available to provide advice to customer’s operations around the world. They can assist in optimising the drives for entire plant operations.

SERVICE SUPPORT

To make sure that all machines run reliably, Optibelt also offers personal support in drive assembly, maintenance and service on site around the world. Optibelt’s broad range of tools, measuring devices and service tools allow for easy drive optimisation, maintenance and repair.

OPTIBELT CUSTOM PRODUCTS

Optibelt offers custom high performance products for all applications: Customised products are designed to precisely meet customer’s drive application requirements. Optibelt engineers develop tailored drive solutions for superior efficiency and safety.

Optibelt GmbH
Corveyer Allee 15
37671 Höxter
GERMANY
T +49 (0) 52 71 - 62 1
F +49 (0) 52 71 - 97 62 00
E info@optibelt.com

www.optibelt.com