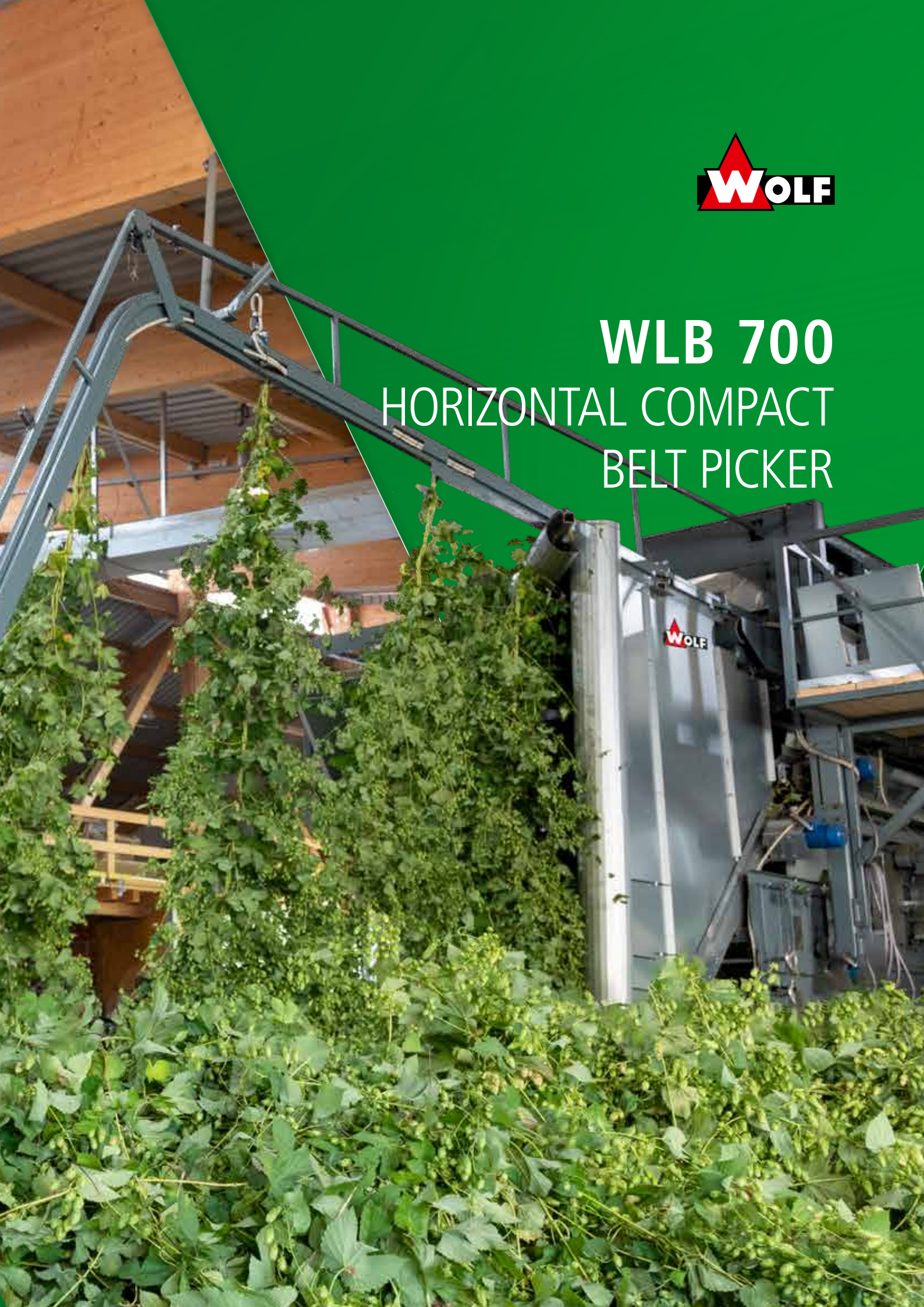
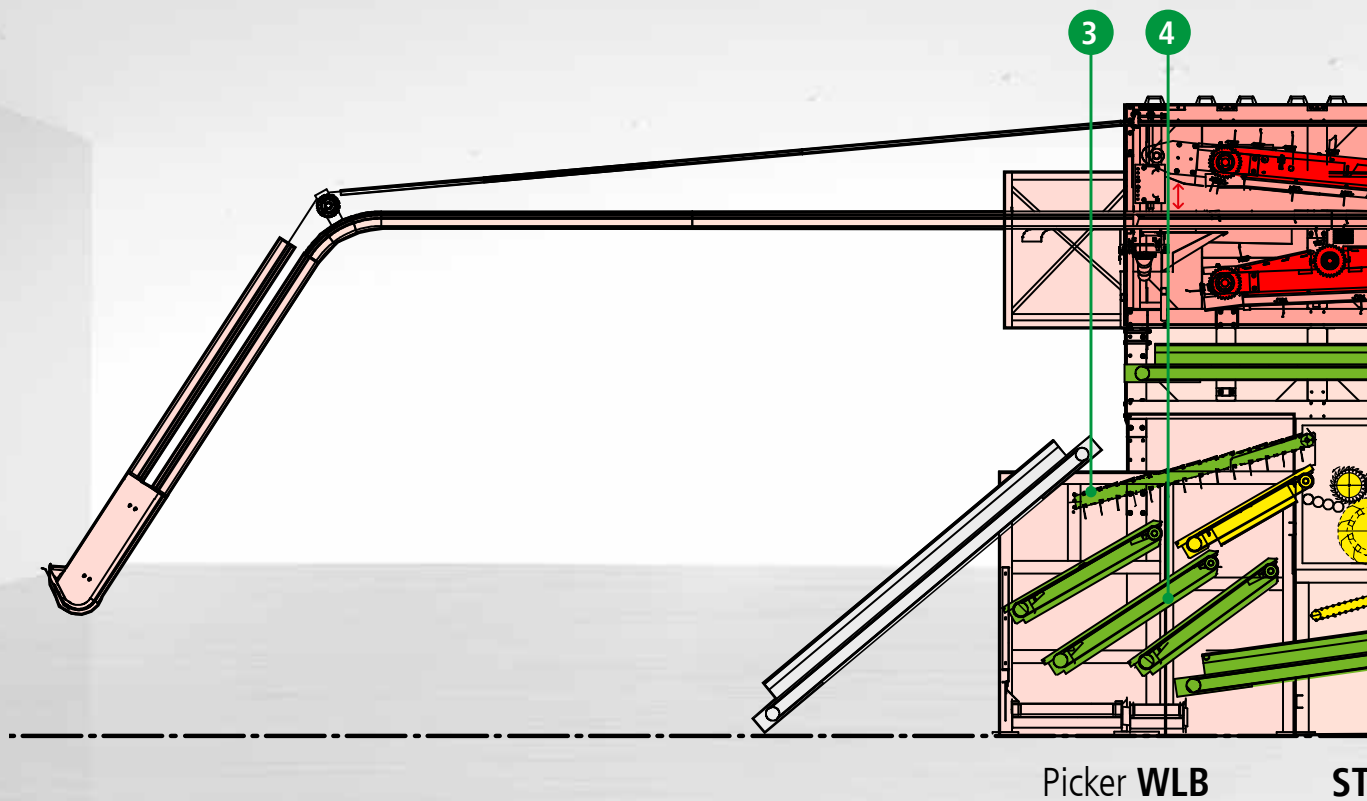




# WLB 700 HORIZONTAL COMPACT BELT PICKER







## WLB 700 BELT PICKER

The technical development of WOLF belt pickers is a milestone in harvesting technology.

Picking technology and modular construction are the basis of the horizontal belt picker WLB 700.

Due to the compact design, it is possible to place the belt picker optimally into an existing machine hall which can be used further on.

Development was focused on a perfect picking, a trouble-free and powerful subsequent picker and a reliable cutter.

The picking belts can be electrically adjusted in speed, inclination and height, so that the picker can be individually adapted to any harvesting condition.

The high-performance standing cutter SH 600 consists of solid components. The precise cutting geometry considerably increases the lifetime of the knives.

About 70% of the cones are already taken out in pre-collection before cleaning, without any damage.

## ADVANTAGES

- ▶ Modular Design
- ▶ Space Miracle
- ▶ Most modern Technology
- ▶ Maintenance-free Operation
- ▶ Perfect Picking / Quality of Cones
- ▶ Compact Design
- ▶ Powerful subsequent Picker and Cutter

## PICKER WLB

### 1 Picking Belts

Various spring-loaded picking fingers enable a gentle intervention into the entire bine depth. The cones are stripped off gently and without being damaged.

Due to direct drive, the picking belts are running at different speeds.

The picking belts can be adjusted individually electrically in height and inclination.

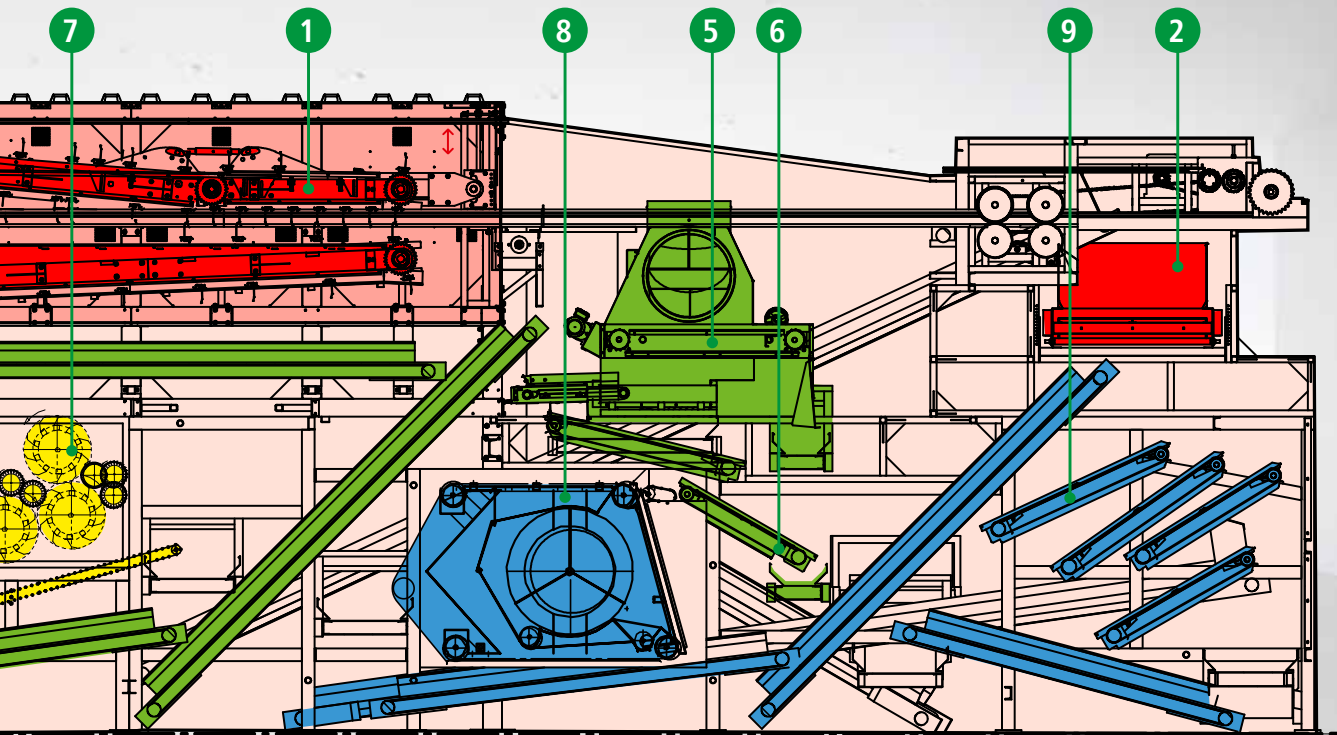
The speed can be adapted as requested.

Due to self-cleaning picking belts, no manual cleaning is necessary.

### 2 Standing Cutter SH 600

The picked bines and the waste from the **STARPICKER®** are shredded by the standing cutter SH 600. Due to the high drum weight and the cutting geometry of the two diagonally arranged knives, a high cutting performance can be reached. A silent and trouble-free operation is assured. The precise cutting geometry considerably increases the lifetime of the knives.

# Horizontal Compact Belt Picker



STARPICKER® SZ

Cleaning

## PRE-COLLECTION

### 3 Bypass / Folding Belt / Sorting Belt

A specially designed folding rake belt is guiding 97 % of the picking material gently past the **STARPICKER®** in „bypass“.

### 4 Triple Pre-Collection

Best green hops are collected already before cleaning process without being damaged. Up to 50 % of the cones are guided directly from the machine to the silo.

### 5 Wind extraction

The wind extraction is taking 50 % of the leaves without loss by suction onto a grid belt lying on top. The waste is conveyed directly to the waste blower.

### 6 Pre-Collection before Cleaning Fan

Another 20 – 25 % of the cones are separated here from the leaves by another rubber belt. The wind duct is removing leaves towards of the cleaning fan, so that pure cones are being taken out.

## STARPICKER®

### 7 STARPICKER® SZ

The **STARPICKER® SZ** is the compact belt picker unit from WOLF.

Different picking drums, optimized in speed and design, are separating the cones from the remaining material.

The **STARPICKER® SZ** is working maintenance-free during the harvest. A winding of bines or settling of waste material in the drums is almost impossible. This self-cleaning effect has been reached by a special cleaner unit. The rake belt lying below is filtering coarse waste. The waste is transported directly to the standing cutter SH 600 and shredded.

## CLEANING

### 8 Cleaning Fan

Frequency controlled fans assure an energy-efficient operation. Here, the remaining leaves are taken out.

### 9 Rubber Belt Cleaning

The approved belt cleaning system is excellently suitable for small stems and other waste material. Here, the last cones are separated from waste.

## The big Advantage of the Machine

**Best quality of bines by picking belts!**  
Gentle intervention into the entire bine depth.

**Maintenance-free operation!** No manual cleaning necessary.

**Minimal loss!** 70 % of cones are taken out of the machine before the cleaning fan / rubber belt cleaning.



# AGRICULTURAL ENGINEERING

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