



**WSB
1000 / 1200 / 1400
HIGH-PERFORMANCE
PICKING MACHINE**



WSB 1000 / 1200 / 1400



Touch-Display

By a clear Touch-Display which is easy to handle, you can centrally control the whole WSB. The mobile panel serves for adjustment on site, so that you can immediately check the result.



Picker WSB

WSB HOP-PICKING MACHINE

The WSB is the most powerful hop-picking machine in our program. Its modular construction enables an ideal adjustment to the hop grower's requirements, providing a flexible installation. Its capacity can be increased later on at minimum expenditure. The WSB picking machinery guarantees a first-class, gentle picking.

Adjustment and maintenance work can be done very comfortably. Picking drums distance, bine passage speed and picking drums rotational speed have a stepless control system. The picking process can easily be adjusted to different hop varieties.

ADVANTAGES

- ▶ Latest picking technology
- ▶ Visibly best quality of the cones
- ▶ Perfectly picked bines
- ▶ Maximum picking performance
- ▶ High-quality and sophisticated components
- ▶ Modular construction
- ▶ Direct drive of picking belts
- ▶ First-class and gentle harvesting
- ▶ Quiet operation
- ▶ Easy adjustment and maintenance work
- ▶ Stepless control
- ▶ Graphical touch panel control
- ▶ Various picking fingers
- ▶ High-performance cutter
- ▶ Single or double Bine Insertion Arm

PICKER WSB

1 Bine Insertion Arm

For hanging the bines into the bine passage, you can choose between a single and a double bine insertion arm.

2 Picking Belts

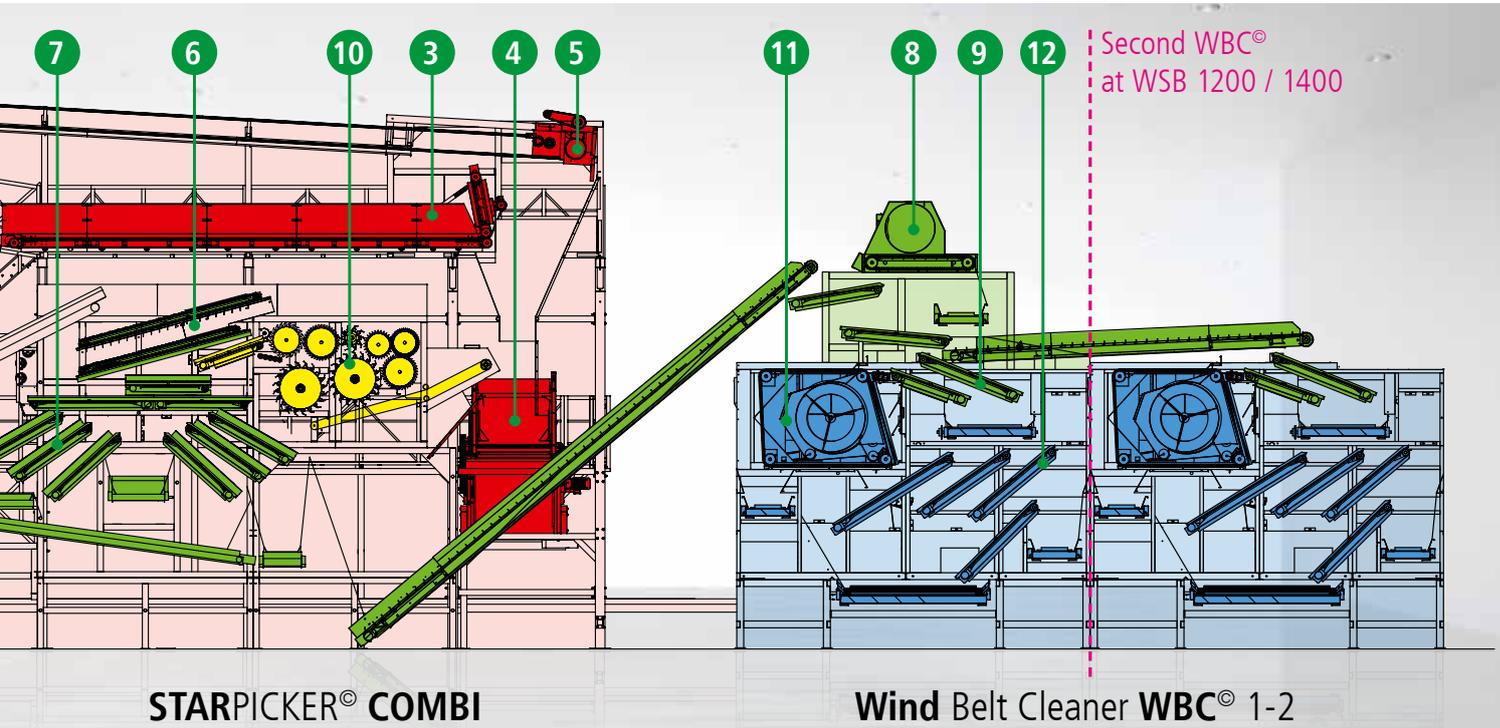
Position and angle between the picking belts can be adjusted. The installation of different, spring-loaded picking fingers enables a careful intervention into the whole bine depth. The cones are removed gently and without damages. A direct drive provides different speeds.

3 Bine Exit Belt

After the picker, the bines are laid onto the bine exit belt, transported outside and reliably decoupled from the bine passage.

4 Standing Cutter 1200

The picked bines and the waste from the **STARPICKER®** are shredded by the standing cutter SH 1200. Due to the high drum weight and the cutting geometry of the four 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.



STARPICKER® COMBI

Wind Belt Cleaner WBC® 1-2

5 Drive of Bine Passage

The drive of the bine passage is prepared for an additional passage arm. A second bine insertion arm can easily be installed later on.

9 Pre-Collection before Cleaning Fan

A further 20 – 25 % of the cones are separated from the leaves by two rubber belts.

WIND BELT CLEANER WBC®

11 Cleaning Fan

New frequency-controlled fans are providing an energy-efficient operation.

PRE-COLLECTION STARPICKER®

6 Bypass / Hinged Belt / Sorting Belt

A specially designed hinged rake belt gently guides 97% of the picked material in the „bypass“ past the STARPICKER® to the windbelt cleaning system.

7 V-Pre-Collection

The picking material is divided evenly on two V-shaped pre-collections. A roll cleaner with extraction is supporting the process by leading back the small bunches to the STARPICKER® and separating leaves from cones. 70 % of the cones are directly led out of the machine to the silo.

8 Wind Extraction

The wind extraction is taking 50 % of the leaves onto a grid belt above, without any loss. The waste is transported directly to the waste fan.

10 STARPICKER® COMBI

The STARPICKER® COMBI is the big subsequent picker unit by WOLF.

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

The STARPICKER® COMBI is working maintenance-free during the harvest. It is nearly impossible for bines winding or waste material collecting in the picking drums.

This self-cleaning effect has been reached by a special cleaning unit. The rake belt below is filtering out coarse waste. The waste is transported directly to the Standing Cutter SH 1200 and shredded.

12 Rubber Belt Cleaning

The approved belt cleaning system has remained unchanged from the previous version. As usual, the cleaning can be adjusted totally uncomplicated. Here, the last cone is separated from green hops.



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