



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 lying 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 are the heart of the machine and can be electrically adjusted in terms of speed, inclination and height, so that the picker can be individually adapted to any harvesting condition.

The powerful drum cutter has got solid components and achieves a long service life of the knives due to its cutting geometry.

A large part of the cones is already withdrawn undamaged in pre-collection before cleaning.

The WOLF belt picker product range goes from 700 to 1400 bines per hour. The focus has always been to launch a maintenance-free technology to the market which can remain in use for generations.

ADVANTAGES

- ▶ Modular Design
- ▶ Space Miracle
- ▶ State-of-the-art 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 speed.

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

A solid drum cutter with a width of 1,20 m, equipped with four knives. Due to the arrangement of the oblique knives (cutting geometry), enormous cutting capacities are possible. These features enable a silent and trouble-free operation. Maintenance during harvest can be neglected. The cutter is also used in capacities up to 1400 bines per hour.

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 70 % of the cones are guided directly from the machine to the silo.

5 Wind extraction

The wind extraction is taking 70 % 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 channel is removing leaves in direction of the cleaning fan, so that pure cones are being taken out.

STARPICKER®

7 STARPICKER®

The STARPICKER® is the most powerful subsequent picker by WOLF so far. Even complete bines are no problem.

Various picking drums optimized in speed and design are separating the cones from the rest material at lightning speed. The STARPICKER® 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 drum cutter and shredded.

CLEANING

8 Cleaning Fan

New fans controlled by frequency converters ensure an energy-efficient operation. Here, the remaining leaves are taken out.

9 Rubber Belt Cleaning

The proven 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! 90 % of cones are taken out of the machine before the cleaning fan / rubber belt cleaning.