



# Threshing and crushing machine REBLER LGU 302 with two and 304 with four sieves

The machine is simple to use, it's highly efficient and beside leaf threshing it partly separates leaves from stems and classifies leaves. It gives excellent processing results (mint, melissa, sage, thyme, oregano, rosemary). The machine has a possibility to work in two different modes, like threshing and crushing machine or like vibration separator. This represent a great advantage because with one machine two processes are covered.

## 1. Threshing and crushing mode

In order to use the machine REBLER LGU 304 you will need belt conveyor. The material is loaded by a belt conveyor VARIO 608 into the threshing and crushing part, which removes the leaves from the stems and selects the material in five different fractions.

- I,II stems
- III leaves - small fraction
- IV leaves - big fraction
- V dust

During the processing of fennel, only fraction IV is good material.

First three fractions are waste, and the fifth fraction are small light straws.

Fractions III and IV (or in case of fennel only fraction IV) are further processed.



*Use of the machine for threshing and crushing*



## 2. Vibration separator

The machine is used like vibration separator when the material is loaded into the first opening on the machine, by simple change of the belt conveyor's angle. The machine has four sieves and enables the classification of the processed material. Changing of sieves is simply and fast.



*Use of the machine for separation*



**Technical specification LGU 304:**

Dimensions (L x W x H)	5100mm x 2000mm x 4150mm
Length sieve	First, second and third sieve are 2800mm, and the fourth sieve is 2650mm.
Width sieve	950mm
Number of sieve	4
Approximate weight of machine	~ 1000 kg
Total power of electro motor	2,2 kW
Voltage	380 V
Electronic regulation	2.2 kW
<b>ADAPTER LG 304 for removing leaves from herb</b>	
Electro motor power	1.5 kW
Engine of introductory rollers	2 x 0.55 kW
Voltage	~ 380 V
Regulation the angle of inclination	Continual between 20 i 40 degree

**Technical specification LGU 302:**

Approximate dimensions (L x W x H)	4800 mm x 2260 mm x 4090 mm
Number of sieves	2
Approximate weight	1100 kg
Engine power	2,2 kW / 400 V
<b>ADAPTER for removing leaves from stems</b>	
Engine power	1.5 kW
Introductory rollers engine power	2 x 0.75 kW
Voltage	400 V