

# **ASA-LIFT**

## **BEAN SERIES**



**WORLD CLASS  
VEGETABLE HARVESTERS**



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# GB-1000

## GREEN BEAN HARVESTER

### The new GB-1000

The updated and redesigned GB-100 has a completely new harvesting section, build to improve the harvest of beans. The new design has divided the stripping wheel into two with the ability to spin at an individually controlled speed. This ensures the most gentle and efficient way of machine-harvesting the beans from the plants. The capacity has been improved by extending the harvesting section by 25%, meaning a more consistent intake and higher capacity.

### Easy access for maintenance

Maintenance and cleaning has become easy and uncomplicated by implementing a hinged shield with gas-strut supports in front of the picker wheels. The pick-up belt after the rotor has been improved in capacity, making more space for the beans and leaves.

### Precision control

The pick-up section has two individual speed sections to ensure gentle harvest. The driver can control the height of the pickup section and increase the intake angle by raising the tractors lift arm, if the bean-plant is extra high.

**ASA-LIFT**



### REVOLUTION COUNTER

- Monitoring:
- Feeding belt speed
  - Drum 1 & 2 speed
  - Harvested area
  - Fan speed



### CONTROL BOX

Controls side steering and intake height

01

ASA-LIFT have engineered the air separator to ensure a highly efficient system to separate the leaves from beans. The internal fans are self-cleaning to ensure low maintenance. The whole unit has been made more compact with the result of a better airflow for separation.

02

All hydraulic functions controlled from the speed regulator, accessible from the platform.

03

Persistent performance of the machine with the highly effective oil cooling unit.

07

Filling system suited for boxes or 2 bags, easily change bags without stopping harvest.

08

A 1.9 m x 2.3 m platform ensures plenty and good working area on the machine. The platform can be folded up when transporting the machine.

04

Fine-tune airflow with dampers on each side of separator fan.

05

High capacity feeding belt with carefully considered speed and angulation to ensure the best air separation.

09

540 rpm PTO drive

06

Easy access to pickup rotors via flip-up shield.

10

A hydraulic side-shift helps improving control and turn radius.

# GB-1000

## BENEFITS

### A multitude of crops

Not only can the GB-1000 harvest green beans, but also edamame, southern peas and butter beans, minimum row width is 45 cm.

### Boxes and bags

Mount 2 bags up to 25 kg on the depositor and use the selector to change the flow between the two, meanwhile easily change the bags. Without modification, large boxes can also be used instead.

### Compact design

An elevator going forwards alongside the harvesting section, instead of continuing further behind, makes the GB-1000 short in length for easier handling without compromising performance. The elevator is designed so it is in level with a comfortable height for a person in standing position. The convenient design makes it the most compact green bean harvester, providing a small turn radius and maneuverability, yet still keeping all the needed functions and more.

### Designed to suit increased harvesting angles

The GB-1000 is mounted onto the lift arm of the tractor. The benefit from this is if the plant is extraordinary high, the GB-1000 can be lifted up via the lift arm, while the pickup section is lowered, making a steeper intake to adjust to a higher plant.



## DIMENSIONS



### Effortless maintenance

Furthermore than the easy access to the pickup rotors, the whole pickup section can be lifted just by activating hydraulics that is included on the machine as standard. This gives access to feeding belt and rollers.

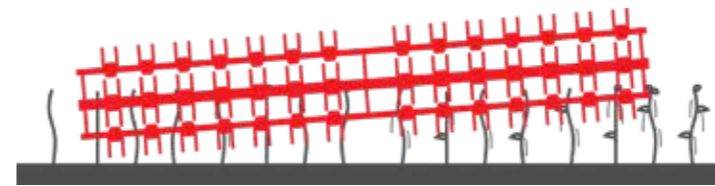


# GB-1000

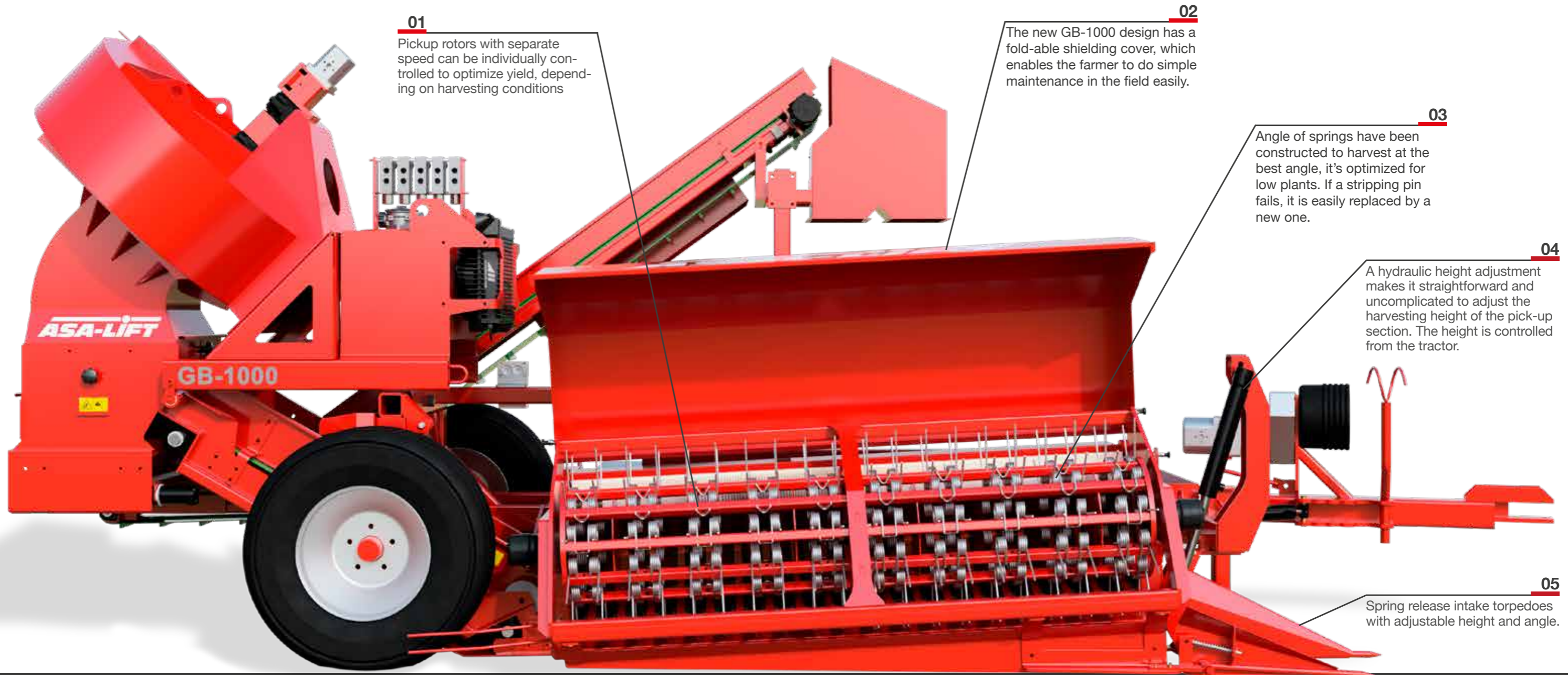


## HARVESTING SECTION

The harvesting section on the new GB-1000 has gotten a lot of improvements. The length of the harvesting section has been increased by 25%, which improves the capacity and harvesting efficiency. The stripping drums are in a tilted angle, from a high harvesting height to the ground at entry point, to a low harvesting height at the end, this is to comb the beans from the top of the plant, to the bottom for maximal yield.



The stripping drums are split in two sections, both are separately driven by hydraulic motors, and they rotate with a different speed. The front section has a lower speed than the back section, this provides a gentle harvest of the beans coming off the plant first. If the beans do not vacate from the plant immediately, the higher speed stripping drum will remove them, which ensures that a higher number of beans are harvested.



**01**  
Pickup rotors with separate speed can be individually controlled to optimize yield, depending on harvesting conditions

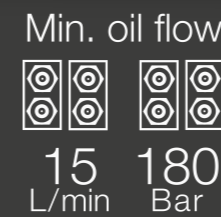
**02**  
The new GB-1000 design has a fold-able shielding cover, which enables the farmer to do simple maintenance in the field easily.

**03**  
Angle of springs have been constructed to harvest at the best angle, it's optimized for low plants. If a stripping pin fails, it is easily replaced by a new one.

**04**  
A hydraulic height adjustment makes it straightforward and uncomplicated to adjust the harvesting height of the pick-up section. The height is controlled from the tractor.

**05**  
Spring release intake torpedoes with adjustable height and angle.

### TECHNICAL SPECIFICATIONS:



# BS-100 & BSE-100

## BEAN GRADER

The stationary bean grader is an easily adjustable bean sorter, and even though it's called stationary, the machine is easily move-able and easy to facilitate. The compact design reduces the space it is using. The bean grader is electrically driven and includes a stainless sorting box, the durable materials ensure a long-lasting machine. The bean grader effectively sorts out short and broken beans.



**01**  
A feeding hopper 'BSE-100' - is a stationary loading elevator at the end of the bean grader. The elevator ensures a even flow of beans into the BS-100 bean grader, and helps speed up the sorting process.

**02**  
Guide walls provides easy infill when filling from e.g. boxes, by funnelling beans into the BS-100.

**03**  
A rotating shaft with rubber fingers ensures that the beans get spread out to the different channels, for the best sorting result and a better flow.

**04**  
Adjust spacing between profile plates to end up with desired product size.

**05**  
Multiple channels run in a stainless steel plate, the beans easily glide along it while purity is kept.

**06**  
Adjustable feet to increase or decrease work height and angle.