



## BS1 Belt Separator

### *Separation on surface structure (smoothness/roundness)*

The Belt Separator system invented at Franken Machines was the first belt separator with a horizontal transport on the belt. Because of that design, the seeds do not fall on top of the sorting direction, as with old belt separators. This makes the system more accurate and gives a better separating result and gives you the option to make more than one fraction.

The BS is usable for a wide range of seeds. In the sugar beet seed, the capacity of the BS is more than 300% higher than the conventional vertical belt sorting systems. A security glass plate prevents the seeds from jumping on the belt, to make the process even more accurate. To make it a very flexible and variable system the inclination, belt speed and feeder speed can be continuously variable adjusted.



#### **Standard equipped with:**

- Control panel with variable belt speed and feeder speed
- Manual angle adjustment of the belt
- 3 seed outlets
- 2 dust extraction points

#### **Options**

- Product supply hopper above vibrator feeder
- Electric linear actuator for angle adjustment of the belt
- Extension set for a 2nd and 3rd belt



Specification	BS1
Dimensions (unit)	2150mmx1700mmx2100mm
Power supply	230 Vac 50Hz 0.37 kW
Working surface	1500mmx1000mm
Required extraction	2x80 m3/h
Noise emission	≤ 80 dB(A)
Capacity	Depends on product Beet seed 80-140kg/h

#### **For further information contact:**