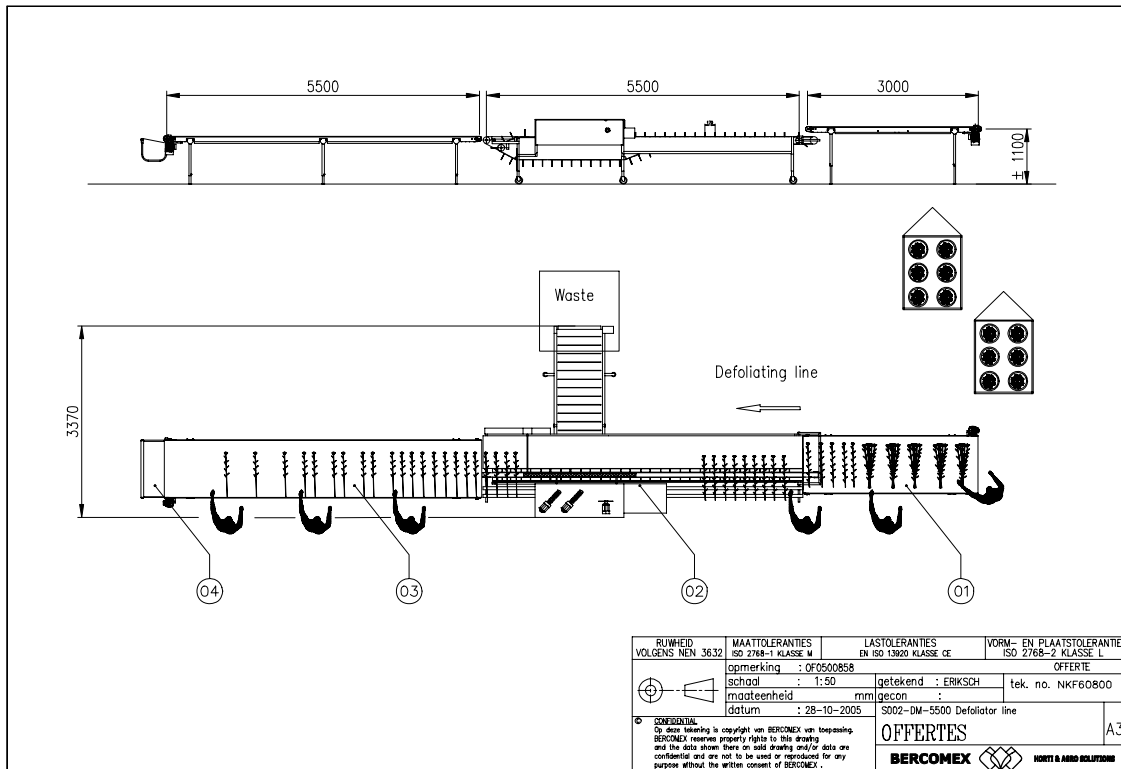


Flower processing



Bercomex defoliating line



Based on the well-known and accepted flower line technology, Bercomex offers a professional, high capacity defoliator line. Two to three persons put the flowers on the belt. Depending on the variety, the roses have to be singled or spread into smaller bunches on the belt of the machine. For this several types of belts and tables are available. This belt takes the roses through a processing unit, which contains a knife and 2 double defoliators. The stems are held in place by means of a soft sponge belt. On the left-hand side of the line the flowers are collected again and put into buckets for storage or taken directly to the grading area.

The capacity depends on the type of roses, but will vary between 15,000 and 30,000 stems per hour. Putting more lines in parallel can easily create higher capacities. The machine can also be ordered to operate from left to right. Price indication: €22.000 – 35.000

All waste can be collected automatically or transported outside by means of a flat belt or waste elevator.



Bercomex Rose grading machines

All Bercomex grading machines work have the principle of ‘hanging roses’ instead of grading them horizontally. This significantly reduces the physical damage. Roses are put into a circulating belt with rose carriers. Depending on the type, they pass a camera section or photocell length sensors. The difference between the versions lies in the grading technology and the collecting/bunching system.

Three types of grading and bunching equipment are available: 1.) Length, 2.) Length, Ripeness and bud height 3.) Length, Ripeness, bud height and cuttings/bunching.

1.) FloraMatic; length grader



Automatic grader on:
- Stem length

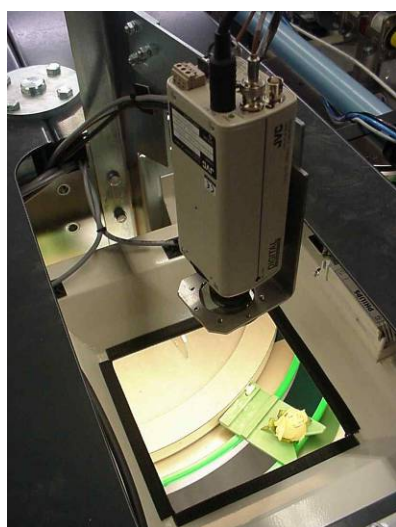
A simple, low cost length grader. Capacity 6,000 stems per hour . Number of grades: 6, length between 30 and 120 cm's.

Each grading position is equipped with an ejector, which pushes the rose into a standing collecting tray.

Quality checking has to be done manually either when hanging in the roses, or after the length grading on separate tables.

Price range: €20,000 and €25,000.00

2.) FloraMatic+; Length, Ripeness and bud height.



Automatic grader on:
- Stem length
- Ripeness
- Bud-height

Maximum grades is 10, each equipped with an ejector and collecting tray.
No automatic bunching.

Price range: €60,000 and €90,000.

3.) RoseMatic; full grader, cutter and buncher.



This full automatic grader takes care of everything:

- Stem length
- Ripeness
- Bud-height
- height of the flower bud
- automatic bunching,
- automatic binding and cutting
- optional: 2-level bunching

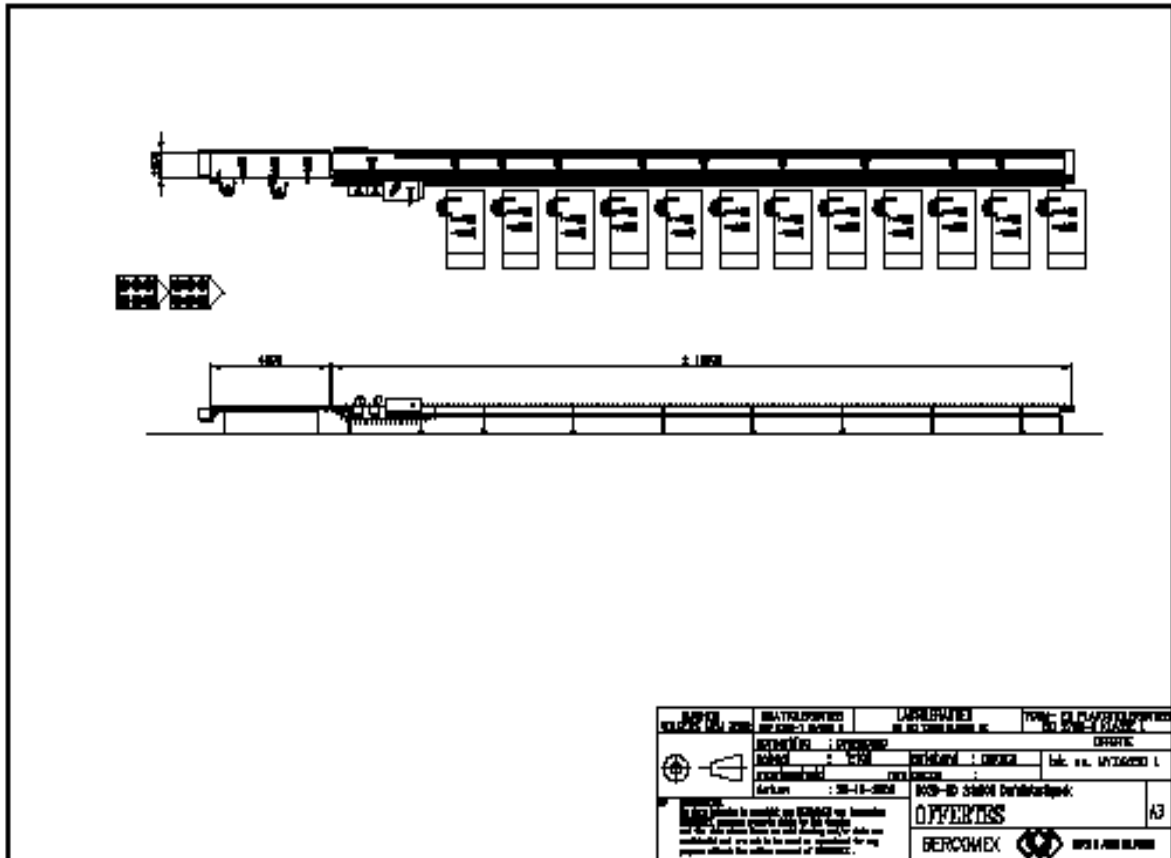
Maximum number of grades/stations: 10

Capacity up to 9,000 stems per hour

Price range: €120,000 and €300,000



Bercomex flower processing line



The Bercomex flower processing lines (also called bunching line) are used in over 90% of all European bouquet makers. Bunches are configured on the line or hand made on the workstations (the tables in the drawing) and placed on a conveyor belt. This belt takes the bunches through a processing unit, which may contain a saw, defoliator(s) and binder(s). After that a sleeving section may be included, optionally with flower food sachet binders and tapers.

These lines can be used for roses, mixed bouquets and all sorts of flowers (carnations, lilies). Different lengths can bouquets can be made at the same time.

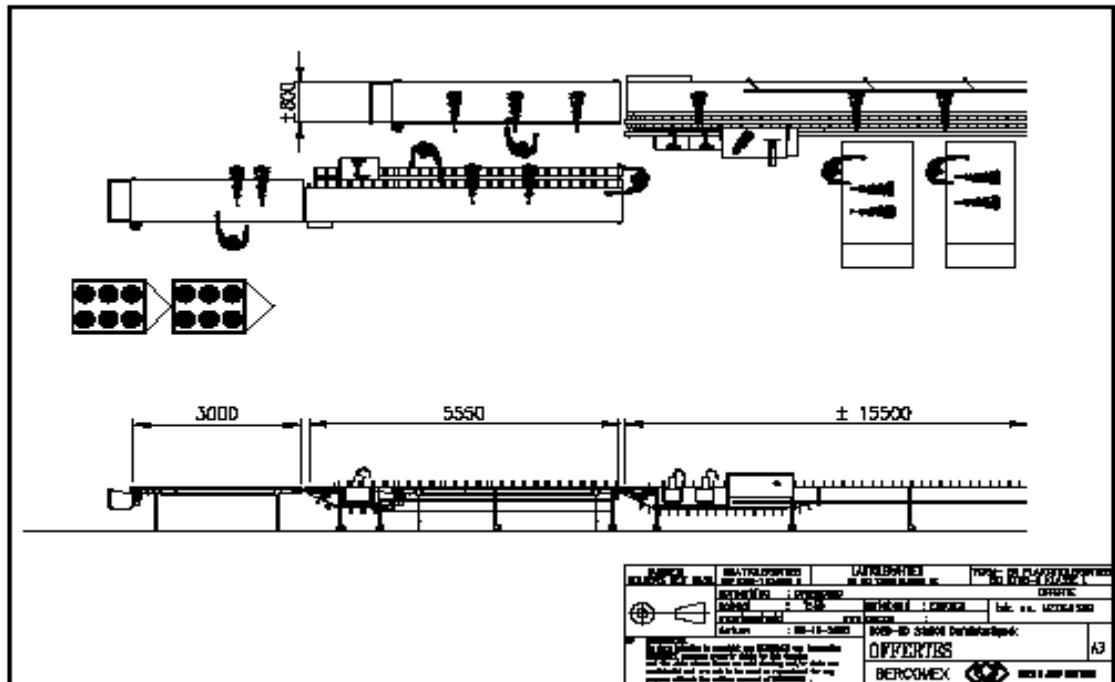


The capacity of the line is 750-3600 bunches per hour.

The capacity per workstation varies between 80 and 150 bunches, depending on the complexity of the bunch and level of exposure of the labor force.

Prices range: €20,000, and 60,000

Bercomex Rose packing machines



Flower processing line with a special packing section for roses (card board packaging). This packing line is designed to wrap SKF card board around the heads of a bunch of roses. The first person puts the SKF in the line, a second person puts a bunch on the card board while a third person closes the card board after which a binder automatically binds the bunch. Optional to bind twice, or extend the line to also put sleeve.

Can best be used in combination with Flower processing line.



The capacity varies between 750 and 3600 per hour per, depending on your product and level of training.

Prices range: €20,000, and €30,000