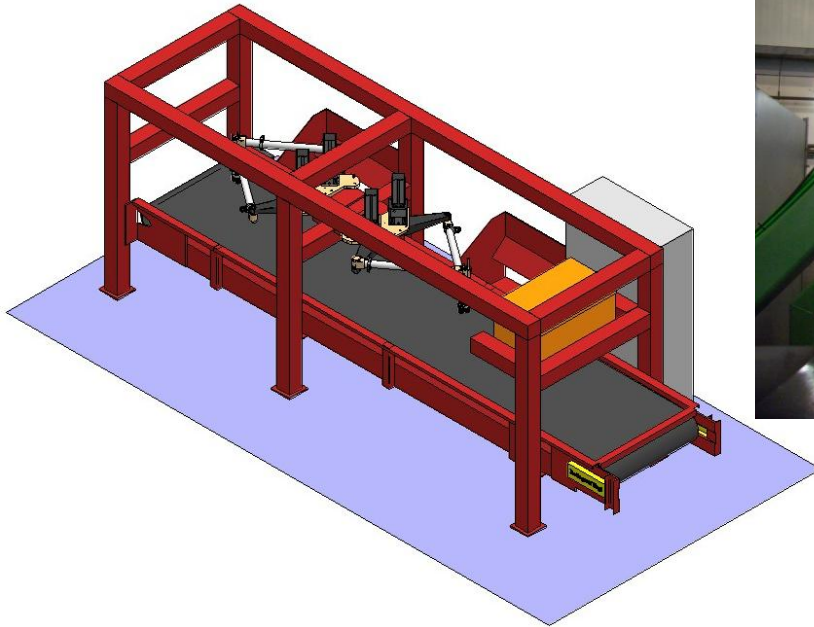


## Bollegraaf introduces Robot Sorting (patent pending)



Bollegraaf Recycling Machinery has developed a system whereby a maximum of 10 robots positioned over a sorting belt can sort a maximum of 10 different materials. A patent for this installation has been applied for.

The capacity depends on the different percentages of the materials that are being sorted. With larger percentages, two or more robots can be used for same sort of material.

### Advantages:

- One robot can handle a maximum of 80 picks/minute. This is more than an employee can deal with;
- One optical material recognition system can recognize a maximum of 10 different types of material and sort them by way of a robot system with a maximum of 10 robots;
- The system can usually be built in existing sorting systems, whereby, at the moment, quality control is done by people;
- Sorting is done positively. This means that the materials that have to be sorted are recognized optically and sorted by the robot. This leads to great purity;
- The system pays off quickly. One robot replaces at least one worker and it can be used 24 hours a day;
- The application is new, but the robots as well as the optical material recognition system are proven technologies that have been on the market for some years already.

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