

**CONTACT**

ReSteel International B.V.  
Prisma 100  
3364 DJ SLIEDRECHT  
The Netherlands  
T: +31 184 - 435 441  
F: +31 184 - 215 048  
E: info@resteel.nl



[WWW.RESTEEL.EU](http://WWW.RESTEEL.EU)

**RESTEEL INTERNATIONAL B.V.  
WINNER 2010**



**PROCESS INNOVATION  
AWARD**

# Clean Scrap Machine

The new revolution in scrap processing



[WWW.RESTEEL.EU](http://WWW.RESTEEL.EU)



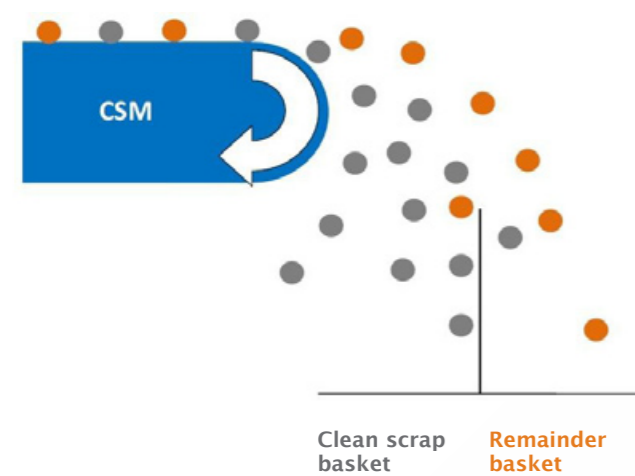
## Maximum proceeds from copper plus cleaner scrap with the Clean Scrap Machine

With the ReSteel solution excessive copper in scrap metal is now a thing of the past!

By using a unique and sophisticated technology ReSteel can effectively separate copper-rich parts from scrap enabling steel companies to process the steel scrap in a better way. It also means higher revenues for scrap handlers. With this solution the use of iron ore and copper ore is limited and at the same time we contribute to a healthier environment. This technology is incorporated into the Clean Scrap Machine. Without risk or large investments your company can directly benefit from the efficiency of our Clean Scrap Machine!



### HOW DOES IT WORK?



- The scrap slides onto a high-speed conveyor belt and is launched at the end of the belt;
- The fall curve is affected by a magnet in the drum and based on:
  - Shape
  - Density
  - Magnetic response
- The result is two fractions of scrap
  - Clean scrap
  - Copper-rich

*ReSteel Clean Scrap Machine is an interesting example of an innovation in the steel industry, creating benefits for both the environment, scrap handlers and steel companies. This robust processing line has been developed in collaboration with the Technical University of Delft.*

*The result is a machine that, by reducing the amount of copper-rich elements, upgrades the quality of steel scrap from various sources. The high copper content of the many scrap flows is a major problem for the steel companies and the Clean Scrap Machine is an excellent solution.*

*It is remarkable that the separated material, the copper-rich parts fraction, represents a significantly higher value than the original scrap: the added value applies to both parties thus creating a win-win situation.*

### BENEFITS:

- INCREASE IN TOTAL VALUE BY EXTRA YIELD IN COPPER
- CONSISTENT QUALITY
- COST SAVINGS/HIGHER EFFICIENCY BY REDUCING HAND-PICKERS
- CLEANER SCRAP FOR STEEL COMPANIES

ReSteel sells and rents both stationary and mobile machines for different kinds of scrap such as waste incineration, electronics scrap and shredder scrap. If you want to know more, our sales team will gladly help you.

T: +31 184 - 435 441  
E: [info@resteel.nl](mailto:info@resteel.nl)

Peter Jongenburger  
former CTO Corus Group