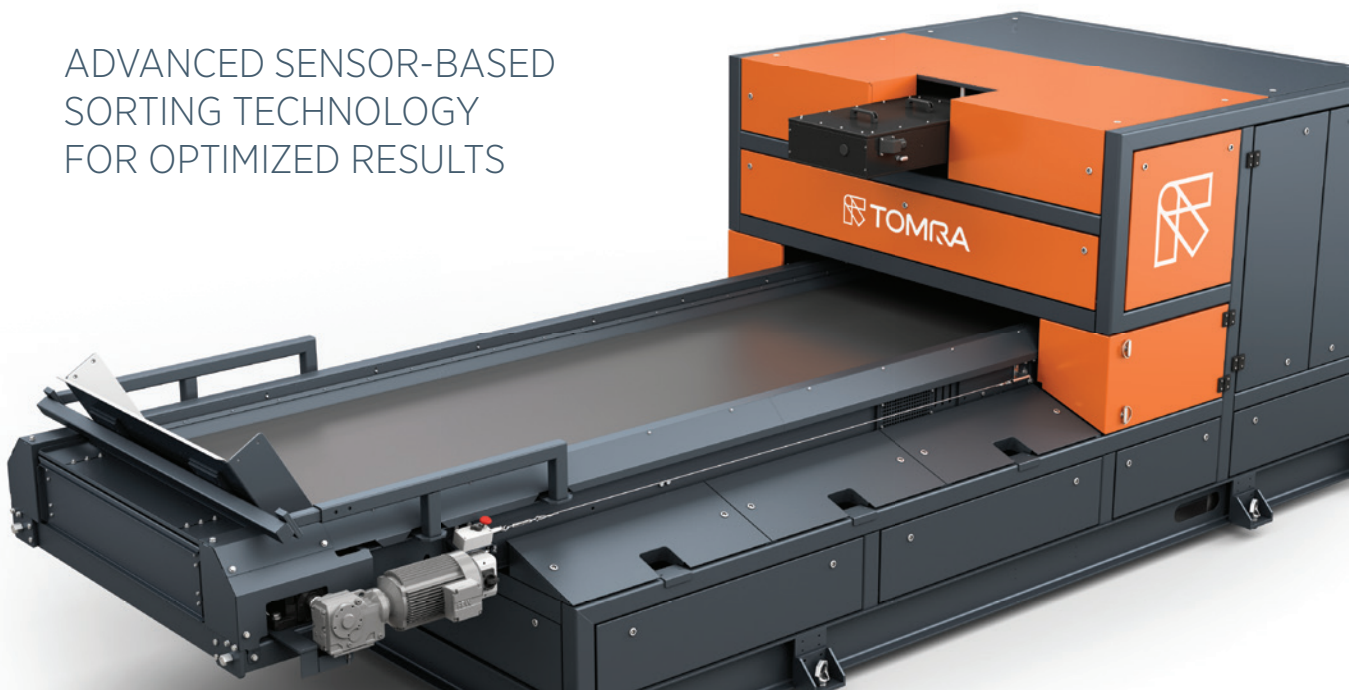


COMBISENSE

ADVANCED SENSOR-BASED
SORTING TECHNOLOGY
FOR OPTIMIZED RESULTS



COMBISENSE

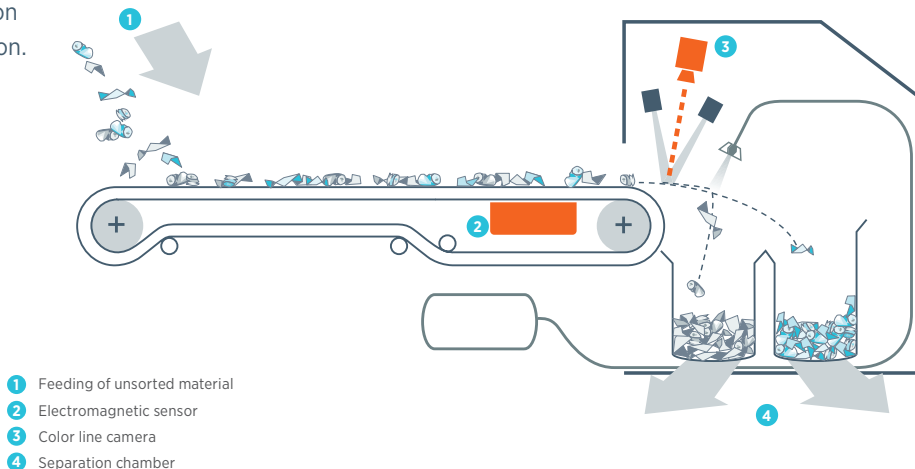
Leading the market once again, TOMRA Sorting's highly flexible COMBISENSE specializes in effectively separating high purity metal fractions in a multi-parameter material mix. By offering the most sorting programs in the market, combined with TOMRA's patented and proven technology, customers benefit from

unsurpassed level of variability.

This makes the COMBISENSE the most adaptable across multiple metal applications and results in

maximum metal recovery -

regardless of the combination and complexity of the fraction.

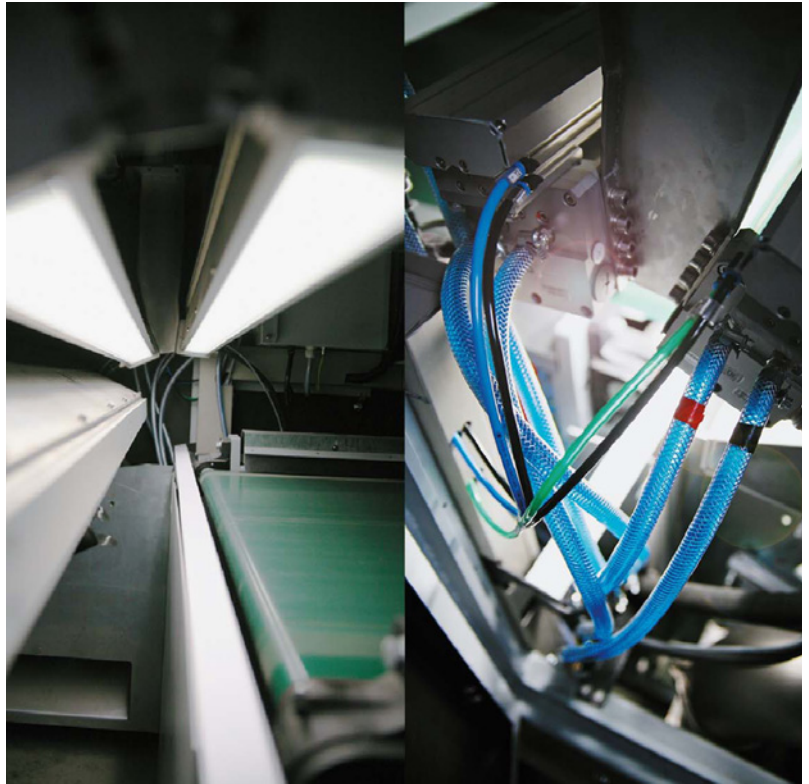


THE TOMRA DIFFERENCE: PATENTED TECHNOLOGY

YOU AIM FOR MAXIMUM METAL
YIELD. TOMRA'S PATENTED
FLUIDCOOL® TECHNOLOGY
HELPS YOU GET THERE.

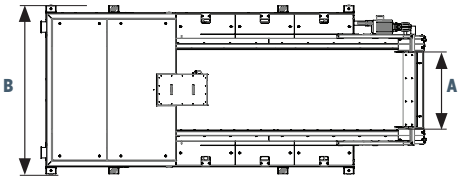
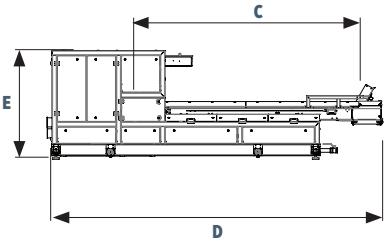
TOMRA's FLUIDCOOL® LED
technology delivers a constant
light source and quality resulting
in **maximum yield stability**. The
illumination unit enables steady
and reproducible sorting results,
mostly independent of ambient
temperature changes. Coupled
with a dual-technology sensor
system, FLUIDCOOL®LED leads to
unsurpassed color detection and
recovery of **materials with high
purity levels** – even with very fine
material grains.

ALL OF THIS ENSURES
PRODUCT OUTPUT AND
GREATER PROFITABILITY.



COMBISENSE: FLEXIBLE CONFIGURATIONS

	600	1200
A	600 mm	1,200 mm
B	1,980 mm	2,480 mm
C	3,960 mm	3,960 mm
D	5,650 mm	5,650 mm
E	1,830 mm	1,830 mm



Valves	Nozzle Pitches
TS400	6.25
TS1500	8

APPLICATIONS & SENSOR CONFIGURATIONS

Application	Sensor Configuration	Description
Mixed Metals Separation	CRGB-EM3	Sorting out different Metals by color and electromagnetic properties e.g. Copper, Brass, Grey Metals.
E-Scrap Sorting	CRGB-EM3, CRGB	Sorting out different Metals by color and electromagnetic properties e.g. Copper, Brass, Grey Metals, Printed Circuit Boards.
Wire Recovery	CRGB-EM3	Sorting out insulated and bare Copper Wires by shape, color and electromagnetic properties.
Stainless Steel Sorting	CRGB-EM3	Sorting out Stainless Steel by color and electromagnetic properties.
Red Metal Sorting	CRGB-EM3, CRGB	Sorting out Red Metals by color and electromagnetic properties.
Copper Cleaning	CRGB-EM3, CRGB	Sorting out impurities e.g. Brass, Grey Metals.
Metal Recovery	CRGB-EM3, EM3	Sorting out all Metals by electromagnetic properties.
Plastics Recovery	CRGB-EM3, CRGB	Sorting out Polymers by color.
Special Application		On request

THE COMBISENSE ADVANTAGE

**MAXIMUM YIELD STABILITY
AND HIGH PURITY** RESULTS
IN HIGH PROFITS

**INCOMPARABLE RELIABILITY
AND PEAK PERFORMANCE**
RESULTING FROM ROBUST
MACHINERY

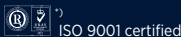
**EXCEPTIONAL CONSISTENCY
OF SUPERIOR YIELD**
THROUGH PATENTED AND
REVOLUTIONARY TECHNOLOGY
THAT ENABLES DETECTION AT
EVEN THE SMALLEST GRAIN
SIZES

MAXIMUM METAL RECOVERY
ACROSS NUMEROUS COMBI-
NATIONS AND COMPLEXITY
LEVELS OF METAL APPLICA-
TIONS THANKS TO MULTIPLE
SORTING PROGRAMS

**SUPERIOR ALL-AROUND
SERVICE SUPPORT** WITH
TOMRA CARE

AS A TECHNOLOGY LEADER, TOMRA SORTING RECYCLING CONTINUES TO BE PIONEER IN SENSOR-BASED SORTING IN THE WASTE AND METAL RECYCLING INDUSTRIES. WITH OVER 4,400 UNITS INSTALLED IN MORE THAN 50 COUNTRIES, OUR EXPERTISE AND SUPERIOR SERVICE ALLOW US TO DELIVER HIGH-PERFORMANCE SORTING AND ANALYTICAL SOLUTIONS TO OUR CUSTOMERS IN A BROAD RANGE OF APPLICATIONS.

Find out why:
www.tomra.com/recycling



We print on 100% recycled paper.
TOMRA Sorting's innovations are
helping to produce it.

Recycling Hub

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