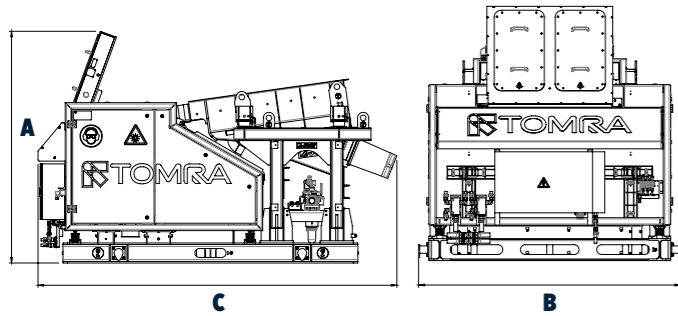


INSTALLATION EXAMPLE

PRO Tertiary COLOR



PRO Tertiary COLOR	
A	2,100 mm
B	2,150 mm
C	3,350 mm

PRODUCT SPECIFICATIONS

	PRO Tertiary COLOR (DRY)	PRO Tertiary COLOR (WET)
Size Range	2-32 mm	6 – 32 mm
Feed Rate	8 to 30 t/h	20 to 30 t/h
Size Ratio	1:2 (2-4 mm), 1:3 (> 4 mm)	1:3
Operational width	1,200 mm	1,200 mm
Sensors	2x Line scan camera	2x Line scan camera
Number of Ejectors	304	304
Nozzle Pitch	4 mm	4 mm
Electric Power	3 phase, approx. 6 kVA	3 phase, approx. 6 kVA
Weight (approx.)	3,350 kg	3,350 kg

The capacity, performance and dimension data are indicative and may change without prior notice. Exact numbers on request.

PRODUCT RANGE

PRO SERIES (Chute based)

Size range from 2 mm to 250 mm is covered by three models which can be equipped with COLOR, Near-Infrared (NIR), LASER and Electromagnetic (EM) technology or a combination thereof.

COM SERIES (Belt based)

High capacity sorting on a belt feeding system is key for this product series. Different models and widths are available which can be equipped with X-Ray Transmission (XRT), Electromagnetic (EM), COLOR and/or Near-Infrared (NIR) technology.

APPLICATIONS

COLOR

White Fillers, e.g. Talc, Calcite, Marble // Cement Minerals, e.g. Limestone, Gypsum // Industrial Minerals, e.g. Quartz, Magnesite, Fluorspar, Rock salt

NIR

White Fillers, e.g. Talc, Calcite, Marble // Cement Minerals, e.g. Limestone // Industrial Minerals, e.g. Magnesite, Lithium, Borate // Diamonds, e.g. Kimberlite

LASER

Industrial Minerals, e.g. Quartz, Lithium, Fluorspar // Precious metals, e.g. Gold

XRT

Diamonds // Industrial Minerals, e.g. Phosphate, Limestone // Base metals, e.g. Tungsten, Tin, Lead, Zinc // Precious metals, e.g. Gold // Ferrous metals, e.g. Iron Ore

EM

Slag, e.g. Stainless steel, Base metal, Ferro silica, Ferro chrome, Silica // Base metals, e.g. Massive Nickel sulphides // Ferrous metals, e.g. Manganese

 TOMRA

PRO Tertiary COLOR



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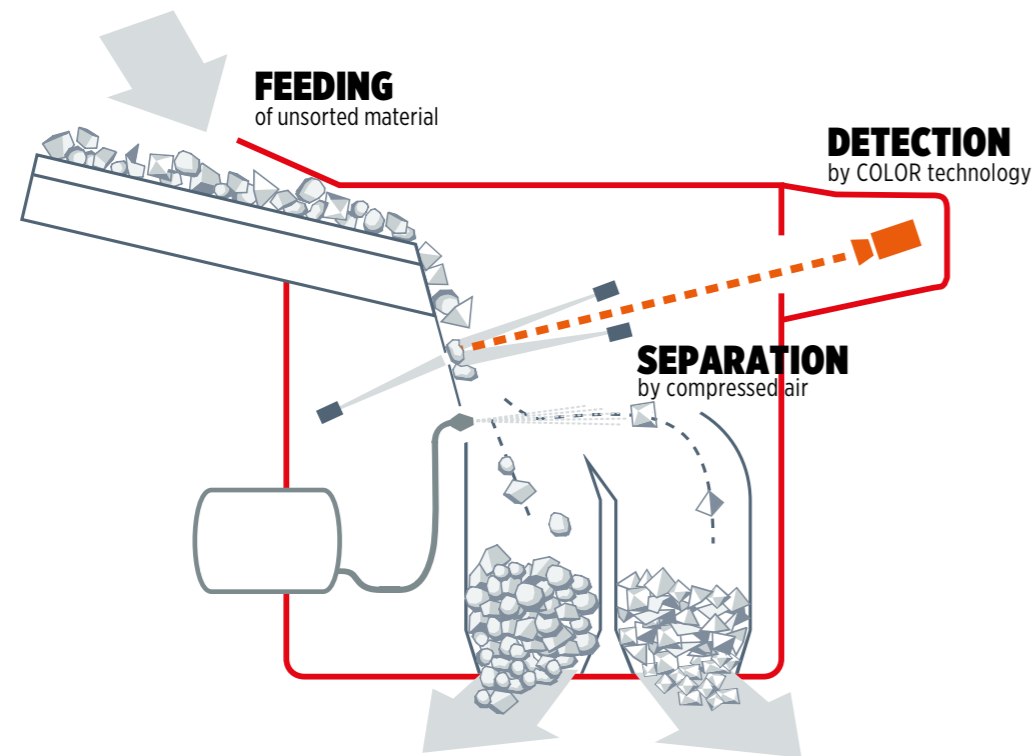
PRO Tertiary

The Industrial Processing (PRO) Series sorting equipment is designed for the typical minerals processing environment. The heavy duty and compact design based on the freefall principle is efficient and reliable. The particle size range from 2 mm to 32 mm is covered by the PRO Tertiary which can be equipped with COLOR or LASER technology.

TECHNOLOGY

COLOR

The COLOR identification technology consists of line scan cameras with high resolution and cutting-edge color selectivity. Multiple material characteristics like size, shape, brightness and color distribution are processed at the same time. The illumination unit consists of state-of-the-art, liquid-cooled LED technology, enabling repeatable and highly efficient sorting results.



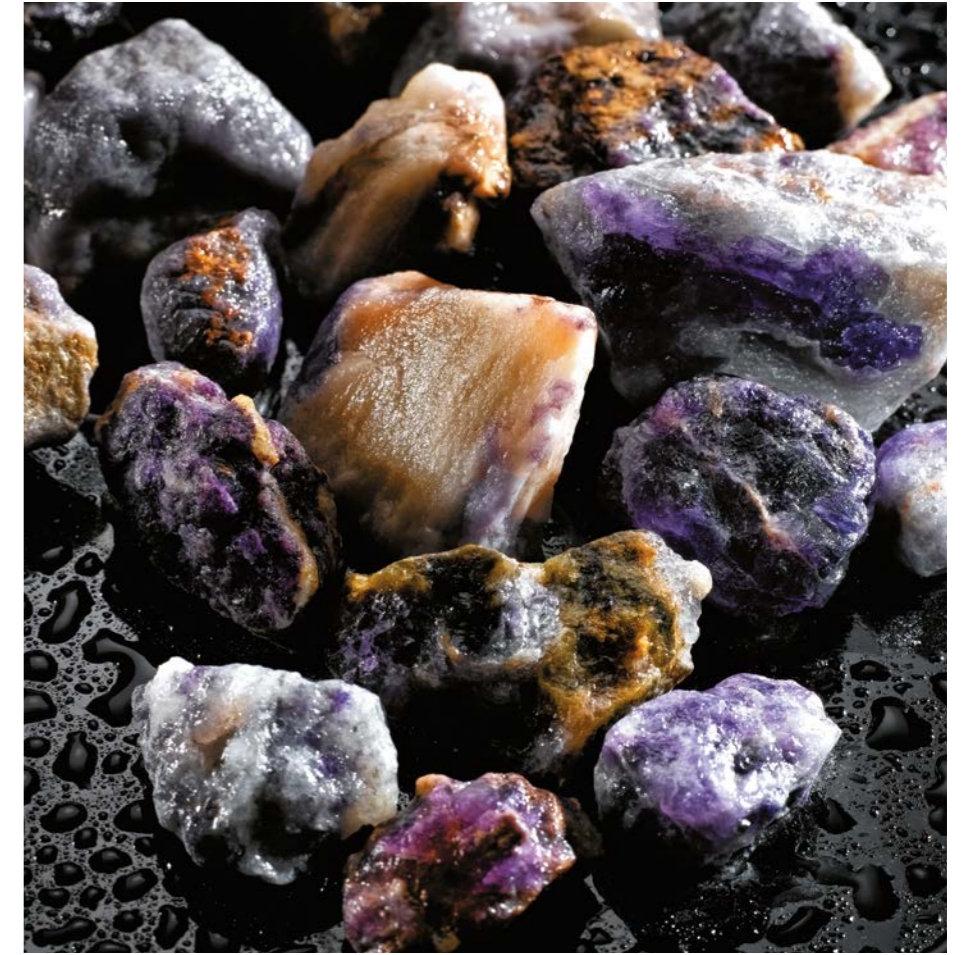
STANDARD APPLICATIONS

WHITE FILLER

(e.g. TALC, CALCITE, MARBLE)
Premium product quality production //
COLOR

INDUSTRIAL MINERALS

(e.g. QUARTZ, MAGNESITE, ROCK SALT,
FLUORSPAR)
Premium product quality production //
Waste rock rejection // COLOR



TOMRA Sorting Solutions offers a variety of configurations for different tasks and conditions. You are welcome to check your individual material in one of our test centers. **E-mail: mining-sorting@tomra.com**

BENEFITS



Increase
Productivity



Pre-concentration to reduce total
operational and capital expenditures



Recovery of valuables from
sub-economic deposits/dumps



Obtain a final
salable product



Grade control through
adjustable sensitivity



Physical separation process,
no **reagents** needed