

FLEXIBILITY FOR INNOVATORS ONLY



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MONTRAC IN USE FOR  
**CAR LIGHTING**  
TRIOM S.P.A.

## ANTISTATIC AND LOW POWER CONSUMPTION

«With Montech's technology, we could customize the transport system according to our production needs, eliminating dust, reducing consumption and optimizing the entire production cycle.»

Vincenzo Lioy, Managing Director, Triom



The Montrac system implemented by Triom transports vehicle lighting components from the warehouse to different processing stations. Three tracks, some with bypasses, provide for the fast transfer of parts. In the warehouse, different components are laid onto the Shuttles of the Montrac system. Each Shuttle is identified by a unique ID number which allows to define the processing stages downstream and the route that each Shuttle will follow through the plant.

A key factor for the selection of the Montrac system were its excellent antistatic properties which, besides reducing wear dramatically, protect

the parts from dust. In this way, Triom could eliminate the use of dust-repelling guns.

For Triom, it was also important to avoid any risk in case the operators should touch the monorail or the Shuttles: Montrac is totally safe in this respect, as it operates at low voltage.

Another ace in the hole of Montrac is its low power consumption, as much as 20 times less than equivalent systems.

**TRIOM S.P.A.** Founded in 1969 as a subsupplier in the industry of vehicle lights, Triom S.p.A. is based in Cambiano, near Turin. The company partners with leading motorcycle manufacturers, including Piaggio, Yamaha, Ducati, Moto Guzzi, Honda, Buell. Triom manufactures headlights, direction lights and rearview mirrors. It is distinguished by the capacity to design and industrialize products within tight deadlines. Triom handles the entire process for customers who are no longer willing to manage stocks or inventory.

### DESIGN DATA

Total Montrac line length: 250 m  
Number of shuttles: 18  
Transport speed: 30 m/min  
Transported weight: approx. 8 kg  
Design cycle: 4 weeks  
Installation time: 10 days