

Specifiche Premio Accessibilità **Sostenibilità** Qualità della Vita



Nome Prodotto SMRrTRAM People-Mover Architecture

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Campo di attivit Downtown Pedestrian Mobility

Certificazioni

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Descrizione del prodotto

Bidirectional synchronization method and control logic which enables simple electric tram-buses to operate--on-grade--as short headway, high-capacity people-movers. The SMRrTRAM architecture can be inserted into virtually any existing streetscape setting without eliminating traffic lanes; curbside parking can also be maintained on one side of the street. Bidirectional headway is approximately 150 seconds; at each arrival, pedestrians have the choice of boarding a tram-bus going in either direction. Tram-bus operators can slow or stop at any time to ensure safety yet the control logic maintains synchronous bidirectional arrivals at each stop.

The SMRrTRAM People-Mover Architecture has been designed specifically to enhance pedestrian mobility along strategic corridors in dense urban commercial areas. Capital costs

Materiali Telemetrics, Logic processors and motor controllers.

Dimensioni

Tecnologia / Funzionamento

Multiple tram-buses operate in both directions along a single, dedicated guide-lane adjacent to one sidewalk. Maximum number of tram-buses is equal to one less than the total number of stops along the alignment. Control logic ensures oppositely moving tram-buses always arrive synchronously at stops where, after pedestrians have gotten on and off, a short bypass enables them to continue in their opposite directions. Logic absorbs random delays in the system caused by tram-bus operators slowing or stopping to maintain safety in mixed pedestrian-vehicular settings.

Benefici per l'ambiente

Zero emission people-mover replaces multiple car movements in dense urban contexts. Enables commuters and visitors to conveniently access extended areas of urban core from a single parking space. Transforms intercept parking into the most convenient parking option, significantly reducing congestion pressure in the urban core itself.

Benefici per la persona

Stretches pedestrian access distance in urban settings. Enables pedestrians to conveniently access extended areas of urban setting from a single parking space, or an urban dwelling or office.

Altri prodotti che seguono criteri di innovazione accessibile e sostenibile per una migliore qualita della vita

