



OWNER

**ASM – Azienda Servizi
Mobilita**

CONTRACT AMOUNT

EUR 16 million (basis 2005)

SCOPE OF WORK

**Turnkey project with Doppel-
mayr Italia & SACAIM &
SICOP consortium; APM
system provided by Doppel-
mayr**

PROJECT DURATION

48 months

**OPERATION & MAINTENANCE
CONTRACT VALUE**

By Owner

PLANNED DATE OF OPERATION

2010

Economic Benefits.

The city of Venice selected DCC's cable-propelled passenger transit system after searching for an environmentally sound solution to traffic congestion problems. The stations and guideway are designed to architecturally blend into the surroundings of the historical city of Venice owing to the design flexibility of DCC.

Tronchetto-Piazalle Roma Venice, Italy

Tronchetto-Piazzale Roma

Venice, Italy

Alignment

The Cable Liner Bypass system is a typical feeder system in an urban project environment and connects the artificial island of "Tronchetto" to the city's "Piazzale Roma". Two trains run on a single guideway bypassing each other via switches at an intermediate station. The bypass arrangement provides the same operating performance as a double track system in terms of headway and capacity at nearly half of the guideway costs.



Technical Data

The Cable Liner Bypass system is built according to CEN ropeway and funicular standards. The average system elevation of approximately 6 meters allows for installation of lightweight and aesthetical steel piers/columns.

	SYSTEM
SYSTEM LENGTH	870 m [2,850 ft]
CONFIGURATION	Single track bypass system with two trains
OPERATING SPEED	29 km/h [18 mph]
HEADWAY	190 s
DWELL TIME	30 s
GUIDEWAY	Elevated steel guideway on steel piers/columns
SYSTEM CAPACITY	3,000 pphpd
STATIONS	3
TRAINS	Two 4-car trains
TRAIN CAPACITY	50 passengers/car, 200 passengers/train



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