Our references include:

**France:** Angers, Besançon, Bordeaux, Brux, Grenoble, Le Havre, Le Mans, Lille, Lyon, Marseille, Montpellier, Mulhouse, Nantes, Nice, Orleans, Paris, Rennes, Rouen, St Etienne, Strasbourg, Toulouse, Tours and Valenciennes

**Portugal:** Porto

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MCEH61/MTEH61
Tramway point machine

"The point machine that is installed in the roadway, and designed for tramway..."
The electro-hydraulic 61 point machine is used to operate tramway turnouts. The MTEH61 version is the trailable version (accidental trailing), the MCEH61 version is the clamped version. Each point machine is installed in an earth box that forms the electro-hydraulic 61 drive.

The EH61 point machine is highly adaptable. It can be transformed from a clamped version into a trailable version in just 30 minutes, and vice versa. Its modular and ergonomic design enables fast and easy maintenance.

Robust, easy to install and low maintenance, the MCEH61 and MTEH61 point machines are reliable electro-hydraulic solutions that have been developed for the tramway.

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Within its operating temperature range, EH61 point machine achieves the turnout operation under the action of a hydraulic cylinder. With the MTEH61 version, the application force is applied by a spring assembly.

With the MCEH61 version, the applied switch rail is secured and the open switch rail is stabilized by the spring assembly set. The hydraulic concept allows the mechanism to be operated manually after the changeover to manual mode has been detected.

Description of the EH61 drive

The EH61 drive has been specially designed to be installed in the roadway. It is resistant to road traffic loads and other urban aggressions. The point mechanism is water and dust proof. Mounted inside the track, the EH61 point machine drives the switch via interface parts that are coupled to the switch rails.

On a depot track, in case of accidental switch trailing, the MTEH61 point machine enables trailing of the switch without any damage.