

Success story

Brazil



Achievement:

Project Tietê was launched to improve the sewage network and clean the highly polluted Tietê River, which is 1000 km long and runs through São Paulo.

The third and final phase of the project started in 2009 and is set to end in 2015. This phase will involve the construction of 580 km of trunks, collectors and interceptors, 1,250 km of collection networks, 200,000 household sewage connections and 3 new treatment plants.

| Project background | |
|----------------------|---|
| Client | SABESP Sao Paulo |
| Job site | Project Tietê III Lote 2/3 |
| Main contractor | Tietê joint venture consortium (Helena & Fonseca, Enotec, Aliter, Jofege) |
| Total project length | 3,900 m |
| Geology | Sand, clay, rock |

In November 2011, the mts1500S4 was delivered to São Paulo. This system is equipped to carry out drives of up to 450 m and for diameters of ID1500 and ID1800.

The system can be extended to carry out drives of up to 1000 m in any ground conditions. By providing the mtsSlurryTec® system, mts Perforator was able to offer a system that allows work to continue without a problem in various ground conditions throughout the drive, with a very low risk of over-excavation.

The mts1500S4 finished its first drive of 331 m (ID1500) within 6 weeks in a wide variety of ground conditions, from sand with a high water content right through to silt, very stiff clay and rock.

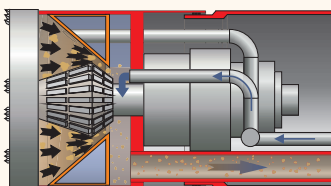
Even in these difficult ground conditions, the machine had an average production of 10 m per day in a single shift operation.

| Short facts | |
|-------------------|---------------------------------|
| Customer | Helena & Fonseca Construtecnica |
| Machine | mts1500S4 |
| Max. torque | 350,000 Nm |
| Max. drive length | 450 m |

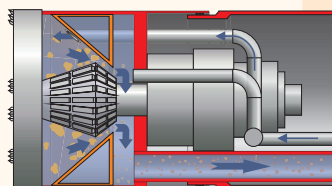


mtsSlurryTec® Operation Modes

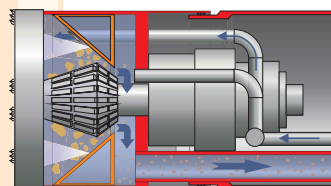
EPB Mode



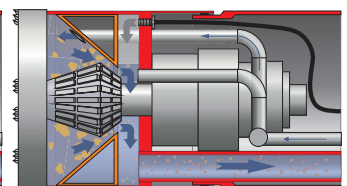
Jet Mode



Jet Mode
with High Pressure Jet



Compressed Air Mode



Bei dem Gerichte
37445 Walkenried
Germany
Tel.: +49 5525 201 - 0
Fax.: +49 5525 201 - 48
E-Mail: info@mtasperforator.de
www.mtasperforator.de

Am Heisterbusch 18 a
19246 Lüttow-Valluhn
Germany
Tel.: +49 38851 327 - 0
Fax.: +49 38851 327 - 10
E-Mail: info@mtasperforator.de
www.mtasperforator.de

