

ifa Balsthal - Tunnel

Solution: Structural Tunnel FIRETRAINER® T-1000 **Control System:** Advanced

Location: Balsthal Switzerland **Fuel:** Natural Gas

Delivered: 2009 **Upgrade:** 2011



©KFT Fire Trainer | All rights reserved | Copying or reproduction in any medium is strictly prohibited. | KFT 160401-EN

Description:

The International Fire Academy (ifa) in Balsthal is one of the biggest fire training centers in Switzerland. In 2009 KFT Fire Trainer delivered a tunnel trainer simulating vehicle as well as train wagon fires in underground transport facilities. For this a new kind of gas supply system with variable connections points was installed offering highest flexibility in the creation of new fire scenarios over the whole 260 m long tunnel.

In combination with heat, smoke and narrowness in the tunnel the train mock-ups (two refitted railway cars, freight car and a realistic train station) and the numerous vehicle mock-ups (car, van, bus and truck) create a highly realistic, oppressive training experience that all trainees have to go through.

Equipment:

- Railway Cars:
 - Seat Fire (4x)
 - Waste Paper Basket Fire
- Passive Train Station Mock-Up for Search and Rescue Training
- Freight Car:
 - Multi-Prop Fire With Different Mock-Ups
- Vehicle Fires:
 - Multiple Car, Van, Bus and Truck Fires

This trainer is the second one that KFT Fire Trainer has delivered to the ifa. In 1999 KFT installed a propane-fueled T-1000 trainer into a burn house of the ifa. It is called "Pyrodrome" and is equipped with 9 fire places and a Flashover.

Further 3 outdoor train fire places has been delivered in 2011 to the ifa in Balsthal



Live Training with Cars



Underground Train Station Mock-Up



Live Training with Train Wagons



Van Fire



Truck Fire



Car Fire



Connection Point for Gas and Power



Train Fires (Exterior View)



Train Fires



Multiple Seat Fire Scenarios



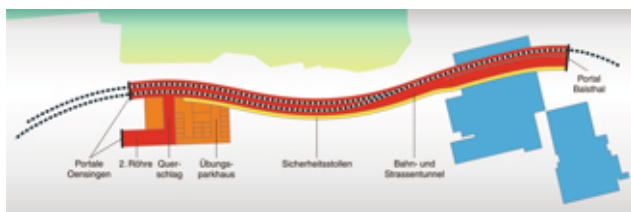
Single Seat Fire



Waste Paper Basket Fire in Rest Room



Multi-Prop Fire in Freight Car



Overview on ifa Balsthal



Burn House "Pyrodrome"

©KFT Fire Trainer | All rights reserved | Copying or reproduction in any medium is strictly prohibited.