

Earthmoving with Scrapedozers - Efficient and Economical

Planning earthmoving requires a great deal of coordination of both people and machinery. With Scrapedozers, a great all-rounder for earthmoving, things are different. An SR 2001 from the FRUTIGER Company AG fleet was put to the test by moving 15,000 m³ in one week in the town of Diessenhofen, Switzerland.

Scrapedozers are one of the most economical ways to move earth over a distance of 50 - 500 metres. These Scrapedozers are versatile, meaning they can be used for stripping earth, transporting and installing it in various fields. Stripping work in quarries, clay or gravel pits, as well as handling and installation work during road construction can be done quickly and effectively. Where conventional methods require a hydraulic excavator, two dumpers and a push caterpillar, the Scrapedozers do the job of all four machines. As a result, staff, fuel and logistics costs drop considerably.



Image 1: SR T-10

When building the European headquarters of an international company in the Swiss Canton of Thurgau, the company Ed. Vetter AG decided to use an SR 2001 type Scrapedozers. This machine can dig to a depth of almost half a metre and fill its some 10 m³ capacity bucket at a distance of 10 - 25 m within a few seconds, before taking the load to its destination quickly at a speed of up to 14 km/h. Unloading, installing, and back again; the machine doesn't need to turn to do this, as it can move backwards and forwards. Thanks to its wide tracks, the ground pressure is optimally distributed, and complies with the relevant regulations. The caterpillars' strong propulsion allows the Scrapedozers to easily climb steep ramps.



Image 2: Humus deposit on the building site.

„After just a couple of days the Scrapedozers' performance won me over," says Mr. Stöckli, site manager at Ed. Vetter AG. Within a week with 16 hours of shift work, 15,000 m³ of humus, topsoil and gravel had been removed and deposited, and so more removal, installation and levelling work was ordered. This impressive performance could only happen under perfect conditions (weather, soil conditions etc.), and excellent collaboration and coordination on the construction site.

Once the work was completed the machine was used directly on another building site only 10 km away to move more earth, and is expected to be used to install materials after construction work is completed.

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