On 4th October 2019 the first of two coal handling lines at the new Taman Seaport in Krasnodar Region on the Black Sea was commissioned in the presence of the Russian President Vladimir Putin.

The Unloading System supplied by SCHADE Lagertechnik GmbH consists of two Wagon Tipplers which operate in parallel, each unloading the coal from three wagons in one single tipping operation. The two currently commissioned C-Frame Wagon Tipplers each empty three wagons of coal at the same time, giving a discharge capacity of 60 wagons per hour per line. “Two SCHADE Wagon Tipplers working in parallel, each emptying three wagons full of coal at the same time, is a technological breakthrough, unique on the Russian market,” explains Klaus Paul, Technical Managing Director of SCHADE Lagertechnik, on the occasion of the inauguration in Taman.

Photo left: Michel Litvak (left) and Vladimir Putin (right) observing the function of one of the two SCHADE Triple C-Frame Wagon Tipplers at the commissioning in Taman Seaport (Source: Google).

Photo right: Michel Litvak (left), Owner and Chairman of OTEKO Portservice Board of Directors, discussing with Vladimir Putin a model of the industrial park premises. (Source: RIA Novosti / http://visualrian.ru/story/list_169132388/6031379.html)

Three Wagons emptied in one fell swoop
SCHADE supplies two Triple Wagon Unloading Lines to Taman Seaport, Russia

Technical Innovation
- Two SCHADE Wagon Tipplers working in parallel, each empty three wagons full of coal at the same time (60 wagons per hour per line).
Taman Seaport has been extended in recent years by the Russian company OTEKO-Portservice to become the second largest freight handling port in the southern part of the country. By approximately 2021 further terminals will be established at this geographically significant freight hub between the Sea of Asov and the Black Sea.

The Taman Seaport project is hugely significant for SCHADE. The order from general contractor FLSmidth Wadgassen GmbH in June 2016 was the biggest SCHADE had received since being a member of the AUMUND Group. The contract value runs into several tens of millions of Euros and also includes four Semi-Portal Reclaimers with rail spans of 42.5 m to handle fertiliser and sulphur in storage halls, as well as five Wagon Unloading Systems, two of which are C-Frame Wagon Tipplers, for coal and iron ore, and a further Pivot Frame Wagon Tippler to handle sulphur.

Each system is equipped with a charger, traverser and ejector to position the wagons for unloading and to push the wagons onwards after unloading. In addition two more wagon unloading systems, also consisting of charger, traverser and ejector, are part of the self-unloading system for wagons of fertiliser. The installation of the Pivot Frame Wagon Tipplers and wagon chargers is planned to start in the first quarter of 2020, and of the four Semi-Portal Reclaimers in late summer. The successful commissioning of the first two Triple C-Frame Wagon Tipplers at OTEKO Portservice is of huge strategic importance for future activities of SCHADE in Russian port projects.

To sum up:

- The complete order comprises four Semi-Portal Reclaimers to handle fertiliser and sulphur in storage halls as well as five Wagon Unloading Systems.