

# JOB REPORT

## MACHINES



## AMMANN ROLLERS MAKE QUICK WORK OF TAIWANESE HIGHWAY

### AMMANN ARX 110 TANDEM ROLLER

Yong Li Asphalt Industry Corp. Ltd. handled milling, paving and compaction on Provincial Highway 1 in Taoyuan, a municipality in northwestern Taiwan. Handling the compaction were two Ammann ARX 110 Heavy Tandem Rollers.

There was plenty of compaction that needed to be done – and done quickly. “Two compactors were used in order to speed up the process,” said Kuo Chin Hung, owner of the business.

The six-month project was demanding, with heavy traffic in neighbouring lanes a constant challenge. Deadlines were tight, too. “There was minimal time allowed for milling and paving,” Kuo said. “There was precise time control.”

The project started with milling of about 10 000 tonnes. A paver then placed a base layer of 5 cm, followed by compaction with the Ammann rollers. The machines, in vibratory mode, made about six passes on the thick base layer. Temperatures were closely monitored.

Due to a demanding schedule, the paver moved at a brisk pace and therefore the speed of the rollers had to be fast, too.

Next came a surface layer, with a depth of 1.8 cm and aggregate size of less than 0.8 cm. About 4000 tonnes of mix were placed.

“We will use the rollers again on highway projects,” Kuo said. The ARX 110s were easy to use and well liked by operators. “Visibility was good, too – this is an open platform roller,” Kuo said.

Amplitude and vibration were easy to adjust, and Ammann after-sales provided exceptional support, too.

#### Technical details:

Operating weight: 10 310 kg (22 760 lb)  
Maximum weight: 11 750 kg (25 900 lb)  
Drum width: 1680 mm (66.1 in)  
Engine: DEUTZ 74.4 kW (100 HP)  
EU Stage IIIA / U.S. EPA Tier 3