

JOB REPORT

MACHINES



AMMANN PIVOT-STEER ROLLER A PERFECT MATCH FOR ROAD REFURBISHING

An Ammann ARP 75 St V Pivot-Steer Roller passed the test on a German jobsite near the Cologne Bonn Airport.

THE PROJECT

The machine was tested during compaction of both binder and surface layers – with very positive results.

The length of the reconstruction was 1.800 meters, the width 7,5 m.

ARP 75

EU Stage V, U.S. EPA Tier 4 Final

Technical details:

Operating weight: 7375 kg (16259 lb)

Drum width: 1500 mm (59.1 in)

Engine: Kubota V3307-CR-T – 54.4 kW (74 HP)



ARP 75



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DAY ONE

The ARP 75 worked immediately behind the paver, providing pre-compaction of a 6 cm binder course (AC16 BS 25/55-55).

The compactor worked at high amplitude and frequency (48 Hz), with both front and rear vibration. The sprinkler system was set at 30%, and the speed ramp at medium.

The roller was run by an experienced operator who appreciated the machine's ease of use. The operator utilised crab mode – and, again, praised the effortless operation.

He also applauded the quality of the lighting and the addition of a new handrail on the door.

DAY TWO

The task this day was to finish the binder course, with a particular focus on road connections.

The ARP 75 features a split drum, which enabled manoeuvrability on the connections and also reduced surface shear forces.

The settings were the same as the prior day. All compaction targets were met without issue.

DAY THREE

The surface layer (AC11 25/55-55) was placed at a thickness of 4 cm.

The ARP 75 ran at low amplitude and frequency (45 Hz), with front and rear vibration. The sprinkler system worked at 30%, with the speed ramp set to soft.

This phase also went off without incident, with goals being met and the roller performing admirably.

CONCLUSION

The machine covered a 15,000 m² area during its 22 hours of operation.

The project was proclaimed a success, with the operator commending the ARP 75 for its performance and intuitive operation.

