

**THE ROAD MAINTENANCE SPECIALISTS**

**DEDICATED  
TO SAFETY**



**PAVELINE**

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**PAVELINE** *International*

**SETS THE STANDARDS  
THAT OTHER SUPPLIERS  
FOLLOW**

## WHY THE OVER CAB BOOM?

A major noticeable difference between the Autopatch and other manufacturers is the front mounted boom. Paveline started “single operator” patching with several front bumper mounted machines as far back as 1987, however, our insurers advised when the patching boom was extended in operation there was a risk of a piercing / penetration type accident at occupant level for other road users.

As a result Paveline **discontinued the bumper height boom and developed the “over cab” unit** which allows us to address these concerns with both dynamic and passive safety features.

The “over cab” boom is:

- ◆ A **high visibility** boom with a **safety** beacon positioned at its extreme, visible above surrounding traffic.
- ◆ Fully “**collapsible on impact**” that does not present any forward projecting arms or beams at occupant level of surrounding traffic, and has been **tested and certified** by RTA certified test engineer Alan F. Nicholson MIEAust; CPEng. Ref No. 5646.
- ◆ Designed in such a way so it does not present a solid structure when in the closed position and **does not impede the driver’s view**.

The over cab boom is mounted in the same manner as a truck crane - behind the cab - **the load is applied to the chassis correctly** (as per all truck manufacturers recommendations). Since the nature of patching is stop / start, this negates any chance of twisting the chassis when patching with the boom extended to the side.

**PAVELINE International - DEDICATED TO ROAD SAFETY**





## DEDICATED TO SAFETY

**PAVELINE** started "single operator" patching with several front bumper mounted units as far back as 1987.

However, we were advised by our insurers the machines could not be insured when doing mobile works due to the risk of a piercing / penetration type accident at occupant level for other road users.

**PAVELINE** decommissioned the front bumper mounted vehicles to remove the risk of law suits against Paveline and our customers.

Photos such as these emotionally highlight the danger of the bumper mounted patching boom



During the 1990's **PAVELINE** developed the "over cab" boom.

It is specially designed to safely collapse on impact so that it does not present any forward projecting arms or beams at occupant level of surrounding traffic.

The **PAVELINE** boom design has been tested and certified by Roads & Traffic Authority certified test engineer Alan F. Nicholson MIEAust; CPEng. Ref No. 5646.

Since then we have supplied over ninety (90) Autopatch road maintenance vehicles with over cab booms. **ALL OF WHICH ARE STILL IN OPERATION TODAY!!**

**AUTOPATCH** “Single Operator” Road Maintenance Machine



**DEDICATED TO SAFETY**

Operation of the Paveline road patcher is via a power assisted boom controlled by the in-cab operator via a joystick which is designed to allow the operator to guide boom into position.

Paveline uses an “ULTRA SAFE” over cab patching boom which is designed to work without traffic control as mobile works when the operator has 250mm of forward and rear visibility.

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