

# General Purpose Blade

Pearson Engineering's General Purpose Blade provides armoured vehicles with the capability to rapidly move and create obstacles and to prepare the earth for other combat operations.



## GENERAL PURPOSE BLADE

The Pearson Engineering General Purpose Blade is suitable for clearing obstacles, urban roadblocks and rubble and it can also be used to move earth and fill craters.

Always designed to meet the specific mission requirements and vehicle characteristics, our General Purpose Blades are compact, lightweight and strong to support mobility and to withstand the high loads generated during typical earth-moving and dozing tasks.

An extension fitted to the top of the blade prevents soil from spilling over and accumulating on the vehicle.

Our General Purpose Blades have three operating positions which are controlled by hydraulic lift cylinders:

- Stowed for cross-country travel
- Deployed for earth-moving operations
- Float for ground levelling and back-blading operations

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### SCALABLE BATTLEFIELD MOBILITY

Integration with the vehicle is made via a Pearson Engineering Direct Fit Interface or Pearson Engineering Quick Connect.

The most suitable integration method depends on the mission requirements and vehicle capabilities. Our engineers will work closely with end-users and vehicle Original Equipment Manufacturers (OEMs) to define the most appropriate route. Decisions are often based on hydraulic and electrical availability as well as the required role of the vehicle.

Our interfaces enable vehicles to be configured to undertake wide ranging combat engineering, mobility and counter-mobility tasks. In this way, a single vehicle can be used to undertake breaching, earth moving and bridging activities to enhance operational flexibility.

Our approach is called 'Scalable Battlefield Mobility' and it intends to provide tactical advantage to our customers.

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### PRODUCT CHARACTERISTICS

- + Suitable for preparing defensive positions
- + Able to fill anti-tank ditches
- + Different operating positions support different tasks including ground preparation for assault bridge launches
- + Lightweight yet highly robust, these blades provide powerful capability to mobility and counter-mobility tasks
- + Rapidly deployable
- + Battle proven with Armed Forces around the world

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### SUITABLE FOR:

- + Heavy weight tracked vehicles
- + Medium weight tracked vehicles
- + Medium weight wheeled vehicles

