

3. Technical Specification



The Philmor Rail K Series conversions of Komatsu's PW range of hydraulic excavators meet all the appropriate provisions of the relevant legislation implementing certain European Directives. Namely 98/37EC Machinery Directive and 89/336EC Electromagnetic Compatibility Directive and legitimately display the CE Mark on the maker's plate.

3.1 Standard Equipment

Heavy-duty steel Railgear

RIS-1530 Issue 3 Approved

600mm diameter cast steel rail wheels fitted to heavy duty EN16T steel axles

Easily adjustable rail wheel to road tyre contact

Direct Rail Wheel Braking

Hydraulically operated railgear with double pilot-operated check valves

Pivoting axle with axle-lock cylinders and pilot-operated check valves

Rated Capacity Indicator system

Quick connect brake couplings front and rear for towing trailers

Air operated Trailer braking operated from both foot brake and parking brake

Chassis mounted rail lighting with automatic direction switching and neutral "all red" condition

Cab mounted fire extinguisher

Emergency recovery tow bar, locomotive compatible

Emergency recovery system

Safe operating gradient in rail mode = 1 in 25

Safe operating cant in rail mode = 150mm

Safe travelling cant in rail mode = 200mm