

6. ROLL-OVER AND FALLING OBJECT PROTECTIVE STRUCTURE (ROPS, FOPS)

Construction equipment placed on the EU market for the first time must comply with the relevant EU legislation - and meet all valid safety and environmental requirements. Machinery which does not fulfill these requirements is noncompliant and is not allowed to be placed on the EU market.

Information and warnings on machinery must be in pictograms or in a language of the

Community for the country where the machine is placed on the market or put into service.

Wheel loaders over 700kg weight must have a cabin structure which protects the operator from falling objects (FOPS) and also against rolling over (ROPS). ROPS/FOPS cabins (or separate structure around the cabin) must have a permanent label attached, giving at least the following information:

- › the name and address of the manufacturer
- › machine make, model(s), or serial number(s) of the machines that the structure is designed to fit.
- › maximum machine mass for which the structure meets the performance requirements of the standard.
- › standards for which the structure meets the performance requirements (ROPS: ISO 3471, FOPS: ISO 3449).

Machines with a ROPS must have a seat belt. This should have a label declaring conformity with either ISO 6683 or SAE J386, or both.



ROPS FOPS TEST GIANT