Damage assessment of Snorkel SR3370 S/N 070627

Date 18 August 2008

To whom it may concern

Background
The unit was "dropped" by a third party crane operator from approx 10m. Snorkel was asked to provide an assessment of the damage to the machine and the cost to repair. The photos used in this report were taken by a Hirepool employee and Snorkel.

Assesment.
The Snorkel Engineering and Service Managers viewed the machine at the Hirepool Palmerston North branch.

The impact has damaged all four tyres and rims. Because the wheels are foam filled any non-damaged parts are un-recoverable. The front left motor shaft has suffered a brittle fracture resulting in complete failure. It is likely that the other three motor shafts will also have cracks. The motors must not be re-used.

The steer axle sub-weldment of the chassis has been damaged as evidenced by the top plates and gussets being bent.
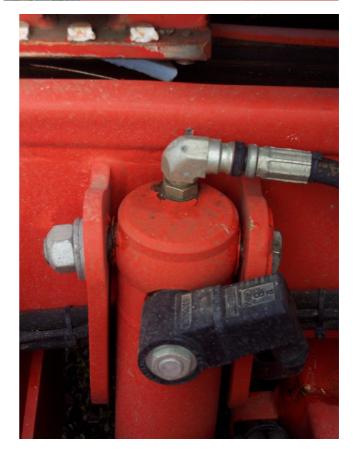
The Slider tracks of the chassis have been opened by the slider foot being extracted and would need to be replaced. The swing arm cylinder bolts have been bent and or sheared off. This has also damaged their attachment points on the chassis. There may also be damage to the swing arm hangers. Based on the above the chassis is unsafe and beyond economic repair.

The scissor stack and its mounting points have been extensively damaged. All stack arms should be treated as unsafe.

The steelwork for the cabinets has also been destroyed. The engine has been dislodged from its mounts

The parts of the machine that have some value and are useable are:
Deck and handrails
Hydraulic Manifolds
Lower control box
Engine
Stabiliser cylinders (2)

In Snorkel's opinion this machine is beyond economic repair. Snorkel would like assurance that the parts identified as unsafe are destroyed. This is to ensure that no-one could attempt to rebuild an unsafe machine.