



EQUIPMENT, ROAD CRASH RESCUE



Role

Road Crash Rescue (RCR) equipment is used to assist fire fighters retrieve people who may be trapped in a vehicle after an accident or where trapped inside a building. The RCR equipment enables fire fighters to cut apart steel, push apart steel and/or provide physical support to areas at risk of collapse. A typical use of RCR equipment would be to cut off the roof of a car and/or cut open a car's doors and 'B' pillar.

Two brands are carried by FESA appliances, namely Lukas and Holmatro. Both brands of RCR are fitted with the same type of coupling known as the Streamline coupling. The Streamline coupling enables RCR equipment to be interchanged without having to switch off the high pressure pump/power pack.

Description

Summary

- Pump/Power Pack: Provides the power (hydraulic) to the RCR equipment.
Spreader: Used to push apart steel, for example crumpled metal in a car accident.
Cutter: Cuts through steel.
Ram: The Ram can be used to lift or push an area e.g. a steel beam or crumpled steel.

Specifications

- Pump/Power Pack: Operating pressures 630 BAR to 720 BAR, weight 24.5kg.
Spreader: Spreading force 28T, weight 19.8kg.
Cutter: 40T or 78T cutting force, weight 13.9kg or 19.2kg.
Ram: 2 stage ram, lifting capacity first stage 27.6T, second stage 13.3T, stroke 575mm, weight 16.7kg.