

## Towing Procedures and Ring Feeder Care

### Caution When Towing Trailers Fitted with Ring Feeder Tow Hitches

8HTM2000 2250KG Ring Feeder Over-Ride Coupling	SX86-0887
12HKP3000 Mechanical Brake Plate S/Arm (Ring Feeder Part 1)	SX86-0221
12HKP3000 6 Tonne Fixed Ring (Ring Feeder Part 2)	SX86-0222

All Pit Master LED Lighting Towers are fitted with ADR compliant ring feeder components and **Caution needs to be observed at all times** when towing, reversing, hitching and unhitching Pit Master LED Lighting Towers. Towing procedures should be followed as listed in the Pit Master Operations and Maintenance Manuals or Towing Procedures also referenced in Technical Bulletins # 6 and # 7.

#### Main Causes of Ring Feeder Failure:

1. Jack-Knifing trailers when reversing placing undue pressure on the ring feeder shaft resulting in shaft failure.
2. Excessive speed when towing and/or not driving/towing with consideration to rough terrain or adverse conditions. Road and surface conditions need to be assessed when towing and driving speed lowered to ensure safe towing at all times.



**Picture 1** – Clearly shows a ring feeder that has failed due to excessive speed in rough conditions.



**Picture 2** – The above picture shows where the ring feeder shaft has been bent through jack-knifing the trailer, causing the shaft to fail.



**Picture 3** – The above picture again shows where the ring feeder shaft has been bent through jack-knifing the trailer, causing the shaft to fail.



**Picture 4** – The above picture shows where a new ring feeder shaft has been slightly bent due to towing abuse.