

# **RECOMMENDED MAINTENANCE SCHEDULE FOR COMPETITOR RIG**

## **DAILY CHECKS**

1. Check the condition of all hydraulic hose and couplings and replace if necessary.
2. Check all guards and safety devices are securely fastened and in working order.
3. Check that all securing pins are present and in place for safe transportation.
4. Clean and grease the weight guide.
5. Check tightness of the drive chain and adjust if necessary.
6. Check engine oil level and top up if necessary.
7. Check for fuel leaks from the engine.

## **WEEKLY CHECKS**

1. Check condition of anvil and anvil bushing. Replace if cracks appear.
2. Check all structural parts for any fatigue cracks
3. Check all securing bolts and tighten if necessary
4. Check hydraulic oil level and top up if necessary.

## **6-MONTHLY CHECKS**

1. Replace hydraulic oil filter and change hydraulic oil
2. Replace engine oil filter and change engine oil.
3. Replace spark plug.
4. Check condition of weight and weight guide and replace if there is excessive play when weight is moving along guide.
5. Check drive and idle sprockets and oilite bushes and replace if necessary.
6. Check hydraulic cylinder seals and replace if necessary.
7. Check condition of tyres and tracks and replace if necessary.
8. Check condition of wheel bearings (trailer only) and replace if necessary.

### **IMPORTANT NOTE:**

This document is provided for guidance purposes only in order to promote the use of safe working practices when operating the rig. It is not intended that this document should replace any acts, codes, regulations or other documents which have a legal or contractual standing. In particular it must be noted that there is no intention within these guidance notes to negate any of the requirements of the Health & Safety at Work Act 1974, or other relevant safety standards, codes of practice and regulations that may apply in the country of use. It is the responsibility of the owner/operator to ensure that the equipment is maintained in a fit state of repair, that a full risk assessment is carried out and that operators are fully trained in the safe use of the equipment. Archway Engineering (UK) Ltd will not accept any responsibility for any accidents caused as a result of misuse or failure to maintain the equipment in good working order.