

# Drop Hammer Mini-Piling

## Stability

Drop-hammer rigs can be unstable as they are “top-heavy”. You must **not** allow the rig to be more than 6” (150mm) off vertical and **the rig must be stabilised**

## Manual handling and Lifting

The rig components are heavy and should not be lifted unaided. Operatives must:

- Pick up in pairs
- Offload lorry with tail-lift or crane
- Use the transport wheels or “gun carriage”

**The work area must be inspected and prepared before moving the rig into position. Check the rig can be stabilised.**

**Inspect for hydraulic leaks after connecting the power-pack, before starting driving.**

**The raised hammer has a “no go zone” under it. Keep hands and feet clear.**



**Q. Why must a drop-hammer mini-rig be stabilised?**

**Q. What precautions do you take to avoid manual handling injuries?**

**Q. Why is there a “no-go” zone under the hammer?**