

Plant & Equipment Standard - Telescopic Leader Rig (ABI Mobilram) H09-G21

VolkerFitzpatrick
✓

VolkerFitzpatrick-Rail
✓

VolkerRail
n/a

VolkerStevin
✓

VolkerHighways
✓

VolkerLaser
✓

VolkerServices
n/a

TELESCOPIC LEADER RIG

- All Plant is to be inspected prior to first use, by completing the appropriate pre-start check sheet and daily / weekly recorded inspections thereafter
- Daily / weekly inspection records for **site-based** plant are to be completed and held in the cab
- Operators must complete a full induction prior to starting work and evidence of having signed on to the appropriate RAMS / WPP / TBS for the task provided
- Sites must assess the suitability and selection of Telescopic Leader Rigs for the particular tasks and environments. A specific lift plan and risk assessment must be completed prior to work commencing which can be detailed in the main works risk assessment
- This equipment will require a flat and level piling platform to be provided



MANDATORY

Plant	Operator
<ul style="list-style-type: none"> • Evidence of pre-use inspection must be provided and signed-off • Completed Operator Daily / Weekly inspections using appropriate equipment checklist • Must be compliant with EC Machinery Directive and accompanied with a valid Declaration of Conformity • Requires a current 12-monthly thorough examination certificate when more than 12-months old • Current 6-monthly LOLER thorough examination certificate for all lifting tackle carried • Protected cab or FOPS cab structure where risk of falling objects • Mirrors / CCTV system to provide 360° visibility • Evidence of regular inspection plus "next service due" date • Safe access for refueling and maintenance • Operator's instructions must be available in the machine and operating control functions clearly marked • All safety labels (decals) in place • Locking caps / covers • Isolation switch with key / locking doors with keys • Fire extinguisher in cab • Tracking - audible alarm to be fitted and working (white noise) together with flashing amber beacon • Slewing - audible alarm to be fitted and working (white noise) together with flashing amber beacon • Auxiliary Winch (if fitted) must be fitted with over-hoist cut-out • Auxiliary Winch (if fitted) hook to be fitted with safety catch • Handrails must be fitted to top of carrier • Load bearing hydraulic cylinders fitted with load holding valves • Equipment safe working load-reach capacity chart to be always displayed in the cab • Emergency Stops to be fitted at two external locations (diagonally opposite corners) - hitting one of these will immediately stop the function of the ABI Mobilram system • 'Dead Man's Handle' must not be modified • Aircraft warning lights to be fitted only if relevant to project • Operators must be familiar with alarms and or limit switches fitted to the equipment 	<ul style="list-style-type: none"> • Shall be suitably trained and competent • Valid CPCS card • Valid medical certificate • Competency assessment by site supervisor prior to being put to work • Evidence of familiarisation training for type of rig to be operated • Should always only operate the machine with a competent banksman in attendance • Full site-defined PPE required - close fitting PPE required in all cases to avoid catching on controls • Operator to be briefed on and to comply with VolkerWessels UK Pre-use, Daily and Weekly Defect Reporting System. Report defects and stop machine where defect is safety critical • Ensure machine is operated in accordance with manufactures instructions and in accordance with his / her training • Be briefed on the site Plant and Vehicle Management procedures and check for overhead obstructions and hazards • Shall stop work if any unauthorized / unsupervised personnel enter the "Danger Area" • Engine must be turned off if approached by others and keys removed from the ignition before leaving the plant unattended for any reason • Operator to mount and dismount machine using fixed access arrangements and always facing the machine. • Shall report all unsafe conditions • Lifting plan and permit to lift in place as applicable • Ensure working platform has been tested and signed off prior to operating the equipment in the working location

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MANDATORY (CONTINUED)

Plant (Continued)

- All D / Bow Shackles used above 2 meters must be the Bolt Anchor Type (i.e., bolt, nut and pin)
- Cab should be kept clean and free of unnecessary items
- Engine to comply with NRMM Emission Regulations
- Pitching Chains to be selected in accordance with manufacturer's instructions and guidance - these must be routinely inspected at the job site and before being put into service after each break period.

DESIRABLE - PLANT

- Counterweight mounted CCTV
- Window guards
- Audible / visual slew alarm
- All round vision system to avoid potential crushing incident
- Operator to have 3 years' operating experience
- Suitable limit switches and / or audible alarms must be fitted to alert the operator when approaching operating duties. Where this cannot be achieved approvals must be received from the HSEQ Department and Business Unit Director prior to any use

RISKS	CONTROLS
<ul style="list-style-type: none"> • Danger from crushing or from falling loads or machine parts within the equipment's Danger Areas - 'Danger Areas' are clearly defined in the equipment operating instructions • Risk of spraying liquids under high pressure (Oils and grease) - any incident involving high pressure fluids should be reported immediately and any injured persons should seek medical attention without delay • Overturning if lifting duties exceeded, if the ground is not able to withstand the generated loads or if underground services are present • Hot machine parts pose a risk to personnel - for example exhaust systems, gearboxes, engines, hydraulic fluids etc. • Overhead obstructions - cables, bridges, power lines, telephone lines • Contact with buried utilities during operation • Effect of weather on visibility and working / traffic surfaces • Noise - ear protection must always be worn • Danger through Whole Body Vibration in the Danger Areas • Wind speed • Exhaust emissions in confined spaces • Operational area must always be sufficiently illuminated • Lightning - operator should not leave the cab, personnel on the ground should clear the area immediately. If the machine is struck it must be fully inspected prior to being placed back into service • Equipment maintenance and repair should only be carried-out by appropriately trained, experienced personnel 	<ul style="list-style-type: none"> • Safe and clean access into cab • Safe and clean access for refueling and maintenance • No entry into exclusion zone unless signaled by operator - Thumbs Up • Tracking and Slewing alarm audible at 10m [<i>can't say if ours are or are not but we use industry standard white noise units?</i>] • COSHH assessment for fuels, oils and greases and ensure correct disposal according to environmental policy

Note: All persons preparing risk assessments involving plant are encouraged to visit the proposed area of work and to review previous risk assessments undertaken for similar activities and safety alerts.

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