



# autoguide equipment

## Autoguide Fence Post Vibrating Unit

Autoguide have produced a number of Fence Post installation machines over the years and the latest version offers unparalleled productivity, performance and precision.

The machine will install most types of post up to a maximum of 250mm diameter and 4.5m long in a wide variety of soil types. Clearly it is impossible to install a wooden post in solid rock, or indeed any soil with an ASTM blow count of 65+ using vibration alone. In these soils a pilot hole can be drilled and we can supply equipment which can drill

The machine is arranged for one-man operation and has installed 180 intermediate posts in one hour. Straining posts 200mm diameter (without points) can be driven 1.2m deep in stony clay in about 25 seconds. The machine is not only quick but also very accurate, post and rail fences can be erected without pre drilling holes and no need for concrete.

Vibrated posts are extremely tight in all types of soil particularly newly made up around where the vibration actually compacts the soil. The Autoguide system uses a variable frequency vibration, which can be adjusted continuously in use for maximum output.



The MOROOKA mounted system comprises a tracked dumper truck, part of a Parmiter Professional Post Driver and the Autoguide Vibrator and mast assembly. The machine can be operated on either side and extends in a 180° arc up to 2.5m from the pivot. Track controls are fitted to the operator's control position allowing slow speed movement of the complete machine.

Posts are stored on the bed of the unit within comfortable reach of the operator. The vibrator unit includes a post clamp, which transmits all the vibration through the post to the ground. The mast is adjustable in all planes to enable post installation under most angles of operation.

The extremely low ground pressure allows operation in very wet conditions and on easily damaged sites.

The machine has worked on extremely steep gradients – although clearly stability limits should not be exceeded.

The mast is designed to fold down for transport and stability when crossing rough ground.



Specification	
<b>Required Power</b>	1. Hydraulic services 0-100 l/min @ 350BAR 2. Hydraulic services ~40 l/min @ 200 BAR
<b>Machine Weight</b>	Minimum dry weight ~ 3000kg
<b>Vibrator</b>	Up to 2.7 tonnes eccentric force available variable frequency Maximum down force —1500kg Maximum up force — 4000kg Maximum pushing force equivalent — ~ 6000kg
<b>Maximum Capacity</b>	Posts up to 250mm x 4500mm (other sizes can be accommodated)
<b>Types of Post</b>	All wooden posts normally without points. Steel and concrete posts, subject to being able to make a clamp to suit the top of the post. Crash barrier posts.
<b>Extraction</b>	All posts which can be driven can be extracted and moved.
<b>Performance</b>	This depends on conditions but can be up to 180 posts per hour.

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| <b>Optional Extras</b> | <ul style="list-style-type: none"> <li>• Compressor &amp; air receiver</li> <li>• Rock auger attachment</li> <li>• Post pallet handling system</li> <li>• Radio remote control</li> </ul> |
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**Alternative Installations** These units are built to order, so can be configured to suit most power units provided that the necessary hydraulic supplies are available or can be fitted.



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