



General Information

- ❖ Always cut piles from top and not from any other position on the pile.
- ❖ We recommend a saw cut be etched at finish level to prevent fractures below.
- ❖ Always move to a safe distance once cropper has been positioned over pile.
- ❖ Use a machine capable of carrying the cropper plus excess pile.

Recommended cutting depths *

Cropper Type	Depth of Cut (mm)	Blinding Cut Depth (mm)	Comments
Single Bar	150-200	75	Initial cut to be made below top collar of pile
Dual	100-1000	75	Will cut metre lengths including rebar (>T16) on most pile types
Multibar	150-200	75	Not designed for stripping; check blades and bolts are tight
CFA	200-300	75	Install half link for oversized piles – tighten safety plate
Trench	100-250	75	Not designed for stripping; check blades and bolts are tight
Contig	100-300	75	Not designed for stripping; check blades and bolts are tight
Quad	300	100	Ensure hydraulics not caught on adjacent piles, do not adjust without first consulting staff at National Pile Croppers.
Quad L	300	100	Capture broken pile within cropper and move to designated area
Quad XL	300	100	Do not attempt to pull concrete off bent reinforcement

*These figures are advisory only, should reinforcement break adjust accordingly.

Do	Do Not
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| <ul style="list-style-type: none"> ✓ Ensure operatives have familiarised themselves with the cropper being used ✓ Use a Banksman ✓ Ensure a Banksman and the excavator operator are fully conversant with standard hand signals ✓ Maintain visual and verbal contact with the Banksman at all times ✓ Maintain a safe exclusion zone whilst cropping ✓ Keep clear of all moving components ✓ Straighten bent Reinforcement before cropping ✓ Call NPC if unsure or for advice ✓ Check all bolts, blades, hydraulic hoses and fittings for movement and tighten at least twice daily ✓ Load the grease nipples daily ✓ Check the hydraulic connections for leaks before and during use ✓ Check chains after every operation ✓ Wear adequate PPE | <ul style="list-style-type: none"> ☒ Overload chains or cropper ☒ Cut more pile than advised above ☒ Stand directly under any elevated croppers or related equipment ☒ Use any cropper or its chains for anything other than their intended use ☒ Use the hydraulic hoses as a handle ☒ Disconnect the hydraulics from the excavator without first releasing the pressure ☒ Use the cropper for stripping the piles ☒ Attempt to cut piles from the base up |
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