



Hire and Rental Industry Association Ltd

Product Safety Assessment Sheet

PLANT INFORMATION

PSA Ref #: 00312

Model No: WA20050

Plant Name: KNOCK DOWN ENGINE CRANE WA20050

Manufacturer: Crommelins Machinery WA

Manufacturer's Website: www.crommelins.com.au

Web Link for Plant: www.crommelins.com.au

Mandatory Personal Protective Equipment:



Foot Protection



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RISK ASSESSMENT INFORMATION

Operator Competency: Plant Licence Not Required

Potential Hazard(s)	Risk Level	Control Measure(s)
Crushing or entrapment.	High	<ul style="list-style-type: none"> Keep clear of load when operating the plant. Do not exceed the maximum rated lifting capacity of the unit. Operate only on level and stable ground. Do not place any body parts under a suspended load. Do not operate on an unstable footing. Do not attempt to move the hoist by pulling on the jack handle while it is inserted in the jack socket. Doing so could break the pump plunger. Use extreme care when carrying load or unloading the jack to avoid damage to the release valve.
Injury due to obstacles placed in the vicinity of the plant.	Medium	<ul style="list-style-type: none"> Ensure there are no obstacles in the work area when moving the loaded hoist. Use only slings, ropes, etc capable of carrying the max load capacity of the unit.
Unexpected movement of the plant or load.	Medium	<ul style="list-style-type: none"> Ensure the load is securely attached and balanced. Use only chains, slings, etc capable of carrying the rated load. Inspect chains/slugs for damage prior to use. Ensure the unit is only used on flat stable ground.
Back or other manual handling injury.	Low	<ul style="list-style-type: none"> Do not attempt to push up the boom by hand. Move the hoist with the handles on the rear of the post.

Part of the plant collapsing.

Low

- Take care when assembling the unit. The correct assembly instructions must be followed.

Customer Identified Hazard(s)

Key Operating Instructions

Follow assembly instructions for correct assembly procedure.

Ensure the rear leg latches are down and securely locked into the holes before attempting to move the hoist along the floor.

Ensure the unit is only used on flat stable ground.

Do not exceed the safe working capacity of the unit.

Do not place any body parts under a suspended load.

Ensure there are no obstacles in the work area when moving the loaded hoist.

Use only slings, ropes etc capable of carrying the max load capacity of the unit.

Move the hoist with the handles on the rear of the post.

Do not attempt to move the hoist by pulling on the jack handle while it is inserted in the jack socket.

* Doing so will break the pump plunger.

Use extreme care when carrying load or unloading the jack to avoid damage to the release valve.

To jack up the boom insert the handle into the jack pump socket and jack up to the required height.

(Ensure the jack release valve is closed.)

Do not attempt to push up the boom by hand.

To let down the boom, slowly release the jack valve by fitting the slot in the handle over the release valve pin.

When the position is reached retighten the release valve.

Please refer to the User Guide and Operator's Manual for Operating Instructions

The Safety Information on this assessment has been developed for the Hire and Rental Industry to assist in the safe operation of this equipment.

This information contains general information only and should not be relied upon as a substitute for professional advice, which the user should seek before operating.

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