

GENERATOR HOIST V22

User Guide



Unpacking

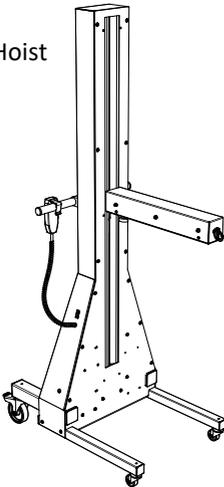
Carefully remove all packaging materials

Avoid using sharp objects which may damage the surface finishes

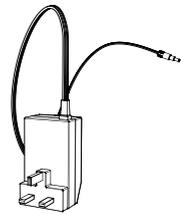
All missing or damaged parts must be reported to Bright Technologies Ltd within four days of receipt of the package

Contents Included in Package

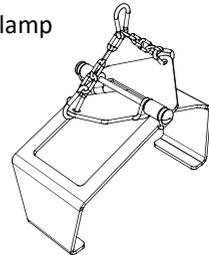
Generator Hoist



Charger with 13 Amp socket adaptor



Tekcis Generator Clamp



DO NOT transport a generator with the boom extended
DO NOT use the hoist for lifting persons
DO NOT use harsh chemicals to clean the hoist
AVOID transporting a generator above mid boom height
REMEMBER to switch OFF the hoist when not in use
KEEP the battery fully charged

General Information

Please read the whole of this User Guide and familiarise yourself with the Generator Hoist before operating the device

The design of the Generator Hoist V22 has been reviewed from top to bottom with upgrades to provide improved features and performance for lifting and transporting Tc generators around nuclear medicine departments.

We use only top quality materials and precision components fabricated and assembled by our highly skilled and experienced engineering team.

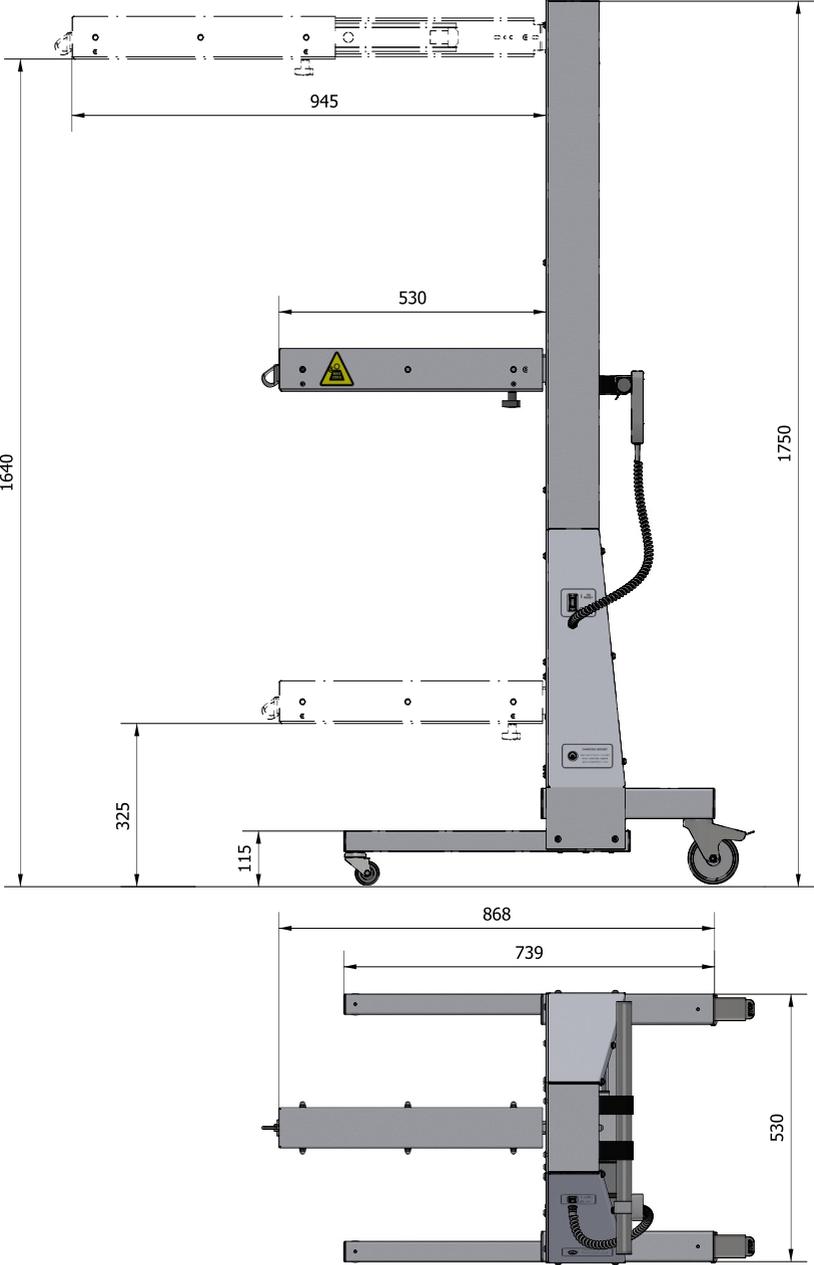
Features Include

- Easy to move and position on 4 swivel castors
- Extendable boom arm for extra reach
- Electrically powered boom height with remote hand controller
- 24V volt electrics powered from rechargeable battery
- Overload protection within ON/OFF switch
- Durable powder coated finish

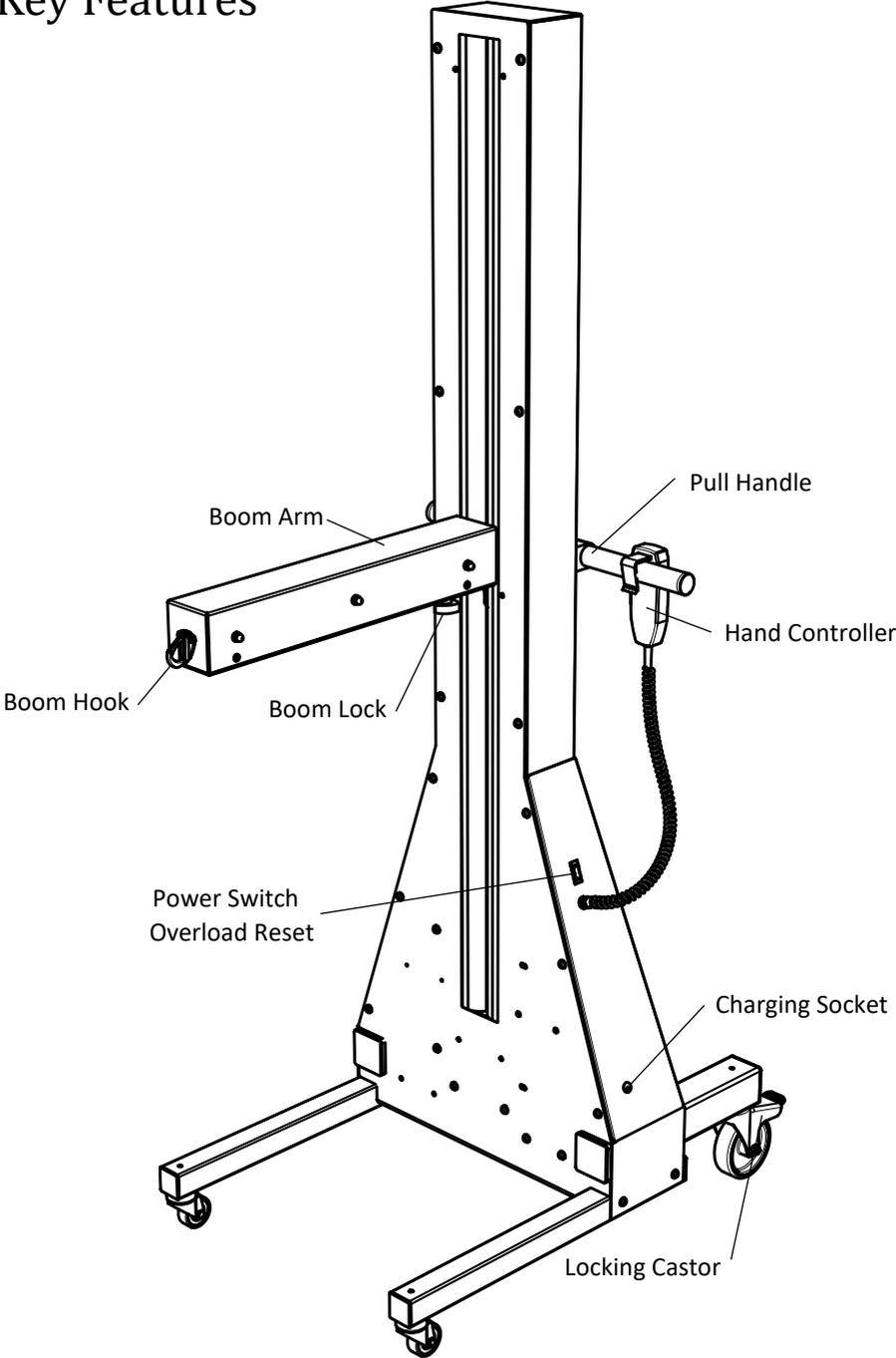
Specification

- Footprint Area (max): 980mm x 530mm
- Overall Height: 1750mm
- Distance Between Front Forks: 450mm
- Height Under Boom: Min 325mm, Max 1640mm
- Boom Lift Rate: 1800mm/min (no load)
- Boom Arm Extension: Min 530mm, Max 945mm
- Safe Working Load: 25Kg
- Weight: 71Kg
- Operating Voltage: 24V dc (sealed lead acid battery)
- Nominal Power Consumption: 85W

Generator Hoist V22 Dimensions



Key Features

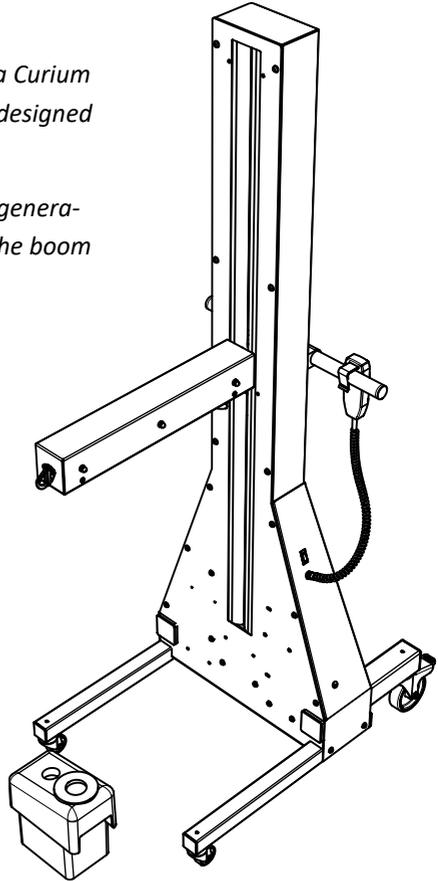
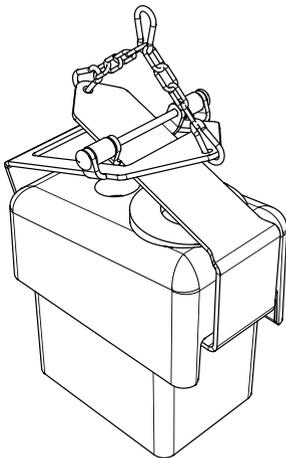


Lifting and Transporting a Generator

The following procedure is illustrated with a Curium Tekcis generator which utilises the custom designed clamp.

The clamp is not required for Curium TKW generators— simply attach the webbing strap to the boom arm hook.

1) Position hoist with boom hook aligned over the generator

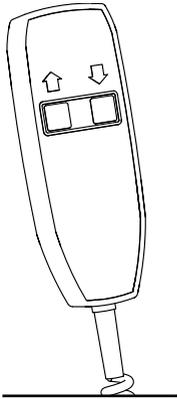
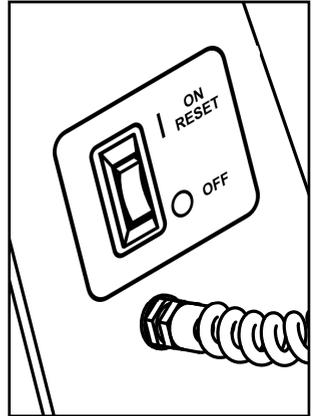


2) Position the clamp over the Tekcis generator with the hooks tucked under the generator grab handles.

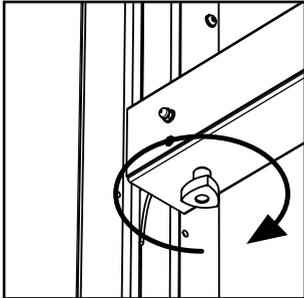
NOTE

The clamp is designed to lift the generator out of its transport box

3) Switch the power ON



4) Use the hand controller to lower the boom arm so the hook is over the Tekcis generator —adjust the position of the hoist if needed

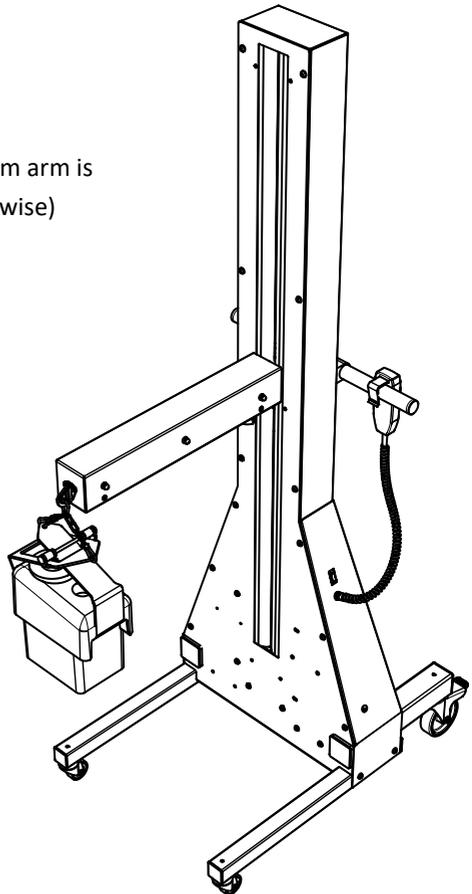


5) Check boom arm is locked (clockwise)

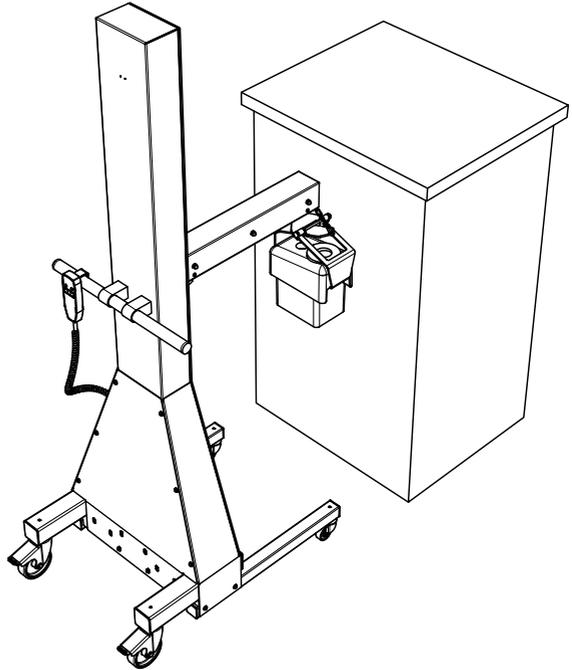
6) Attach the clamp/strap to the boom hook and raise the generator clear of the floor

NOTE

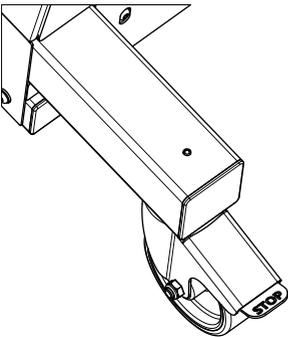
When transporting a generator keep it fairly close to the floor



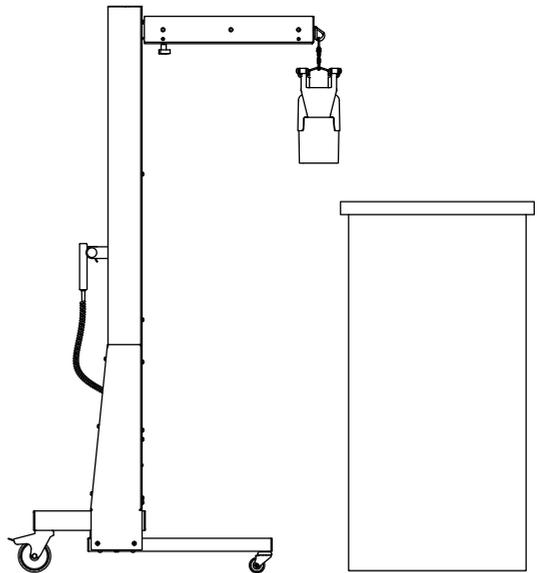
7) Transport the hoist & generator to desired location



8) Lock the rear castors

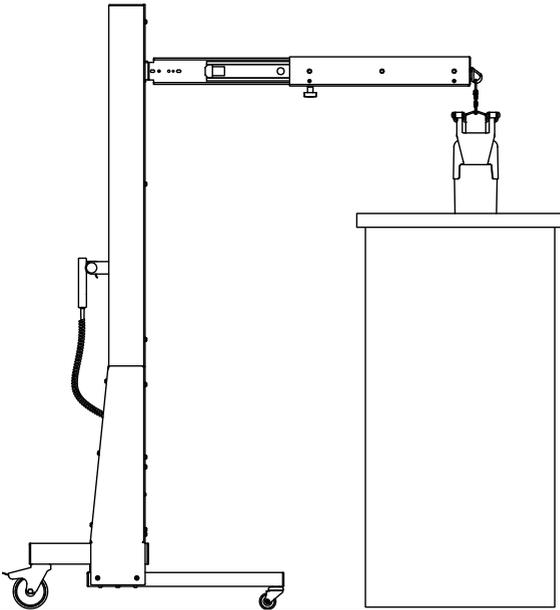
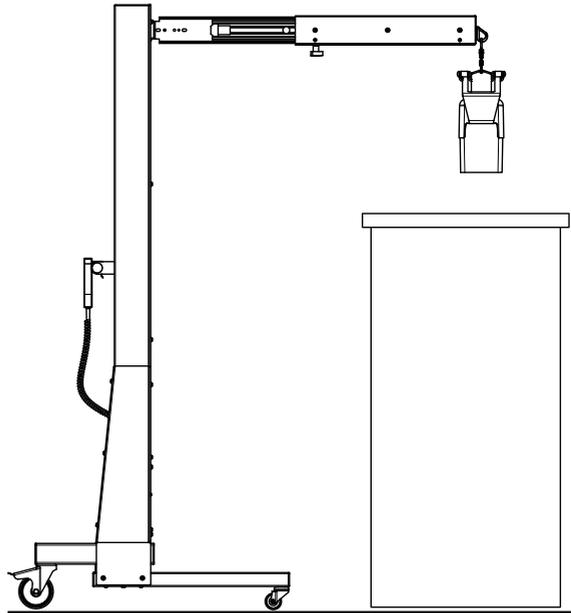


9) Use hand controller to raise the generator above the level of the work surface



10) Unlock the boom arm and extend as necessary

Then lock the boom arm



11) Use hand controller to lower the generator into position and disconnect the clamp/strap

12) Retract and lock the boom

13) Switch OFF the power

14) Unlock the castors

15) Return the hoist to storage

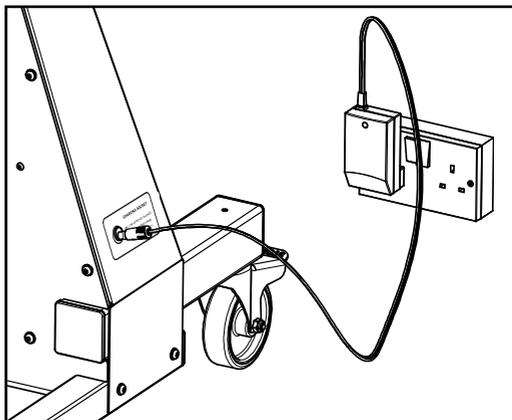
General Care & Maintenance

Charging the Battery

The hoist is powered by a sealed 24V lead/acid battery.

Although power consumption is relatively low it is important to maintain full battery charge.

- Insert the jack plug into the charging socket
- Plug the mains charger into a 13amp socket
- Switch on the mains socket



The light on the charger will show red or amber whilst charging. It should turn green once the battery is charged.

NOTE

Lights on the charger may vary. Please read instructions included in the packaging.

Cleaning & General

Use only mild cleaning solutions or alcohol on external surfaces

Do not remove lubricants within the boom arm mechanisms

The hoist has been designed to be free from regular maintenance but may require servicing after extended use.

For details please contact Bright Technologies Ltd.

Notes

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