KERA **SIT**2**SIT** HOIST
Quick Resource Guide

TRAINING RESOURCES

(User & Training Manuals and other helpful info)

 htsystems.com.au/train

CASE STUDIES AND OTHER VIDEOS

 HT Systems - Youtube

TECHNICIANS' RESOURCES

(Technical drawings, instruction sheets, maintenance schedules)

 htsystems.com.au/service

CONTACT US

Richard Shepherd **CEO**
rshepherd@htsystems.com.au
+64 21 0854 3105

Alex O'Keefe **CTO**
aokeefe@htsystems.com.au
+64 27 439 1636

The Kera sit2sit replaces a traditional hoist by safely and securely assisting a single caregiver to transfer a person with no standing strength or balance.
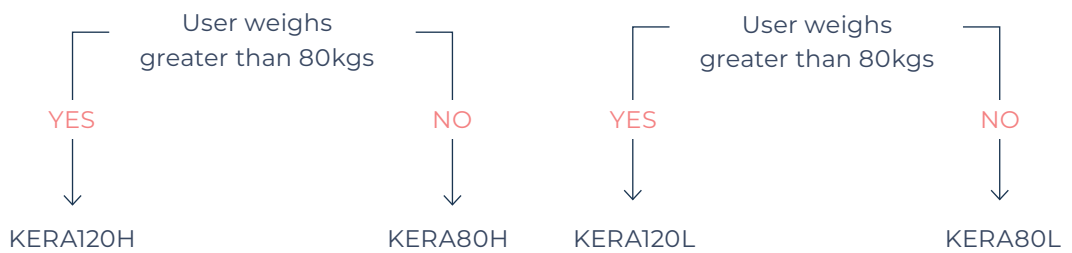
QUICK TRANSFERS BETWEEN SEATS	No need to attach a sling – Backstrap slides behind the clients back. Quick and easy, manually powered, transfer operation.
SINGLE CAREGIVER	Unique Backstrap and Chestpad combination, comfortably, safely and securely holds the client during the whole procedure – allowing use by only 1 caregiver Large high-quality castors for best-in-class manoeuvrability.
FULLY MANUAL	No power just clever design – no need to store next to a power plug or wait for it to charge up.
USER (PERSON BEING TRANSFERRED) SUITABILITY	Limited standing strength or balance through to non-weight bearing or no sitting balance. The Kera sit2sit has been used to transfer tetraplegics and double amputees.
USER HEIGHTS AND WEIGHTS	Clients weighing up to 120Kg and up to 190cm tall. Adaptations available for children or smaller adults from 130cm tall. Kera120 SWL 120Kg (long handle) Kera80 SWL 80Kg (short handle)
CONTRAINDICATIONS	Restricted breathing – This depends on the individual. The Kera sit2sit has been used with people using a CPAP. Thighstrap can be used to reduce the Backstrap tightness needed to complete a transfer.
	Flexibility – The person does not need to be weight bearing but will require some level of flexibility in their lower joints to be comfortably lifted using this device.
	PEG/SPC – The Kera sit2sit has been used with both a PEG and SPC. Contact HT Systems for advice about customising the Chestpad, if too much pressure is felt. Additionally, Thighstrap used to reduce pressure on the upper body.
ENVIRONMENT	The Kera sit2sit fits well in home environments, even in tight locations and with heavy carpet. Similarly, the Kera sit2sit was designed with facilities in mind and changes instantly to transfer a number of residents with different body types and abilities.
LIMITATIONS	Standing rehab – The Kera sit2sit does not lift the client into a standing position. Off a bed – Similar to standing hoists the client needs to be sitting stably upright on the bed. Off the floor – Similar to standing hoists the client needs to be seated in a chair or bed.
WARRANTY	1 year limited warranty on or replace defective components or faulty workmanship. Spare parts will be stocked for at least 7 years.
REGULATORY	Independently laboratory tested to meet international hoist standards (AU/NZS ISO 10535) Registered as a Class 1 Medical Device with MedSafe (WAND). Entered in the ARTG (388973), Australia

SCRIPTING

STEP 1:
BASE UNIT

HIGHER COMMODES AND POWER WHEELCHAIRS

YES → KERA HIGH
Typically >500mm from floor to middle of seat cushion

NO → KERA LOW
Lower sofas and toilets >380mm from floor to middle of seat cushion

STEP 2:
USER WEIGHT

User weighs greater than 80kgs

YES → KERA120H
NO → KERA80H

User weighs greater than 80kgs

YES → KERA120L
NO → KERA80L

STEP 3:
CUSTOMISED ACCESSORIES

Do the users feet slip off the footplate? ——— YES ———→ Add Footboxes

Does the user have tremors or spasms? ——— YES ———→ Add Footboxes

Does the users feet reach the footplate? ——— NO ———→ Add Riser Blocks

Does the user feel the backstrap is too tight? ——— YES ———→ Add Thighstrap

Is the chestpad too big? i.e. child or petite adult ——— YES ———→ Petite Chestpad

QUICK GUIDE

Full training is required before using the Kera sit2sit for the first time.

For full instructions refer to User Manual or visit **htsystems.com.au**

Safe Working Limit is stated on the Caregiver Handle: 120kg or 80kg

1 BACKSTRAP

Position the Backstrap in the lower back. Bring straps under the person's arms and rest over their forearms.

2 KNEES AND BRAKE

Position the Chestpad just above thighs. Lift the feet on. Push the Kera towards the person until their knees are touching Knee Pads. Put the wheel brakes on.

3 CHESTPAD TO STOMACH AND LAP

Pull index pin up and push the Chestpad forward until it presses on the person's stomach, then release pin. Squeeze the Lock Lever and push the Caregiver Handle forward to ensure the Chestpad presses gently onto thighs.

Index pin

4 STRAPS – AS TIGHT AS POSSIBLE!

Hook the silver rings onto the hooks on handle. Pull blue tabs evenly and then pull as tight as possible! If using Footbox Straps or Thighstrap, secure them now.

5 LIFT, TRANSFER, LOWER

Squeeze and hold the Lock Lever. In one smooth motion, lift the person off their seat and all the way forward, until the handle reaches its stopping point and the person rests on their front. Release the Lock Lever. Unlock wheel brakes and move the person to next seat, leaving a 10cm gap. Lock the foot brakes when lowering. Squeeze and hold the Lock Lever and carefully lower the person down until they are completely seated. Pull red tabs toward the person to loosen straps.

100MM

FAQ & USER TIPS

HOLD

HOW TIGHT DO I NEED TO DO THE STRAPS?

As tight as possible while still comfortable.

If the straps are too loose, the Chestpad will slide up the person's front before you begin to lift them.

Tip: Tighten one strap at a time. Take a grip on the Caregiver Handle with one hand, pull blue tap with other hand, in line with the straps.

HOW FAR FORWARD DO I NEED TO BRING THE PERSON?

Until the handle is at your waist and they are in a stable position.

The further forward the person is the less they will feel like they might slip down the Chestpad. Their weight will be resting down on the Chestpad rather than the Backstrap holding them up.

THE BACKSTRAP BEGINS TO SLIP UP THEIR BACK AND/OR THE PERSON FEELS TOO HUNCHED OVER.

Start with the Backstrap fitted low on the back and make sure it is as tight as possible.

Try pushing the Chestpad into their stomach by one or two more holes in Step 3 (over page). This technique will result in the person less hunched over when they are forward and the Backstrap shouldn't slip up as much during lifting.

PRE-USE AND SETUP CHECKLIST:

- ☐ Safe path and destination
- ☐ No visible faults with the Kera sit2sit
- ☐ Wheels roll freely
- ☐ Chestpad can move smoothly and lock, and is initially all the way toward the caregiver
- ☐ Caregiver Handle locks and the Chestpad height is just above the person's knees
- ☐ The Kera sit2sit legs can spread open to fit around person's chair

HT Systems

Exclusively distributed in UK & Ireland by

aidacare
HEALTHCARE EQUIPMENT

For more detailed information please refer to our website:

htsystems.com.au   htsystems.co.nz

AFY320.3 23︱12