

MK 4 York Training brief

February 2017



Introduction

The MK 4 York is designed to handle loose parcels as well as existing mail streams while being compatible with the existing York container fleet.

Main advantages of the new container:

- Primarily for carrying small parcels and other loads not adequately retained by other Yorks.
- The type of materials chosen are UV stable and capable of withstanding sub-zero temperatures in normal operation, i.e. they will not fracture or break and can be left exposed to the elements for long periods
- 200kg shelf - improved ergonomic manual handling of strapped bundles in particular
- Tippable solution - Completely smooth interior allows contents to be tipped reliably with the base in either the raised or lower position.
- Unit nests interchangeably with existing generation Yorks,
- Operation is based on the previous generation containers
- Same footprint as previous generations of the York container
- Vehicle operations and loading plans are not affected

Product Overview

The new features are:

- Combined base and shelf for improved ergonomics when manually loading/emptying the unit
- Solid polypropylene panels to retain items
- Transparent viewing panels provide visibility inside the container from the front and back of unit
- Lightweight 3 part door/gate which can be opened as a single piece or drop down panels to provide progressive access to the load space.
- Can be fork lift handled

In all other respects the MK 4 York performs in a similar way to the existing York container fleet, specifically:

- Brake handle
- Steering and manoeuvring handles
- Nesting configuration — a different arrangement for strapping when moving nested Yorks is described later



Safety

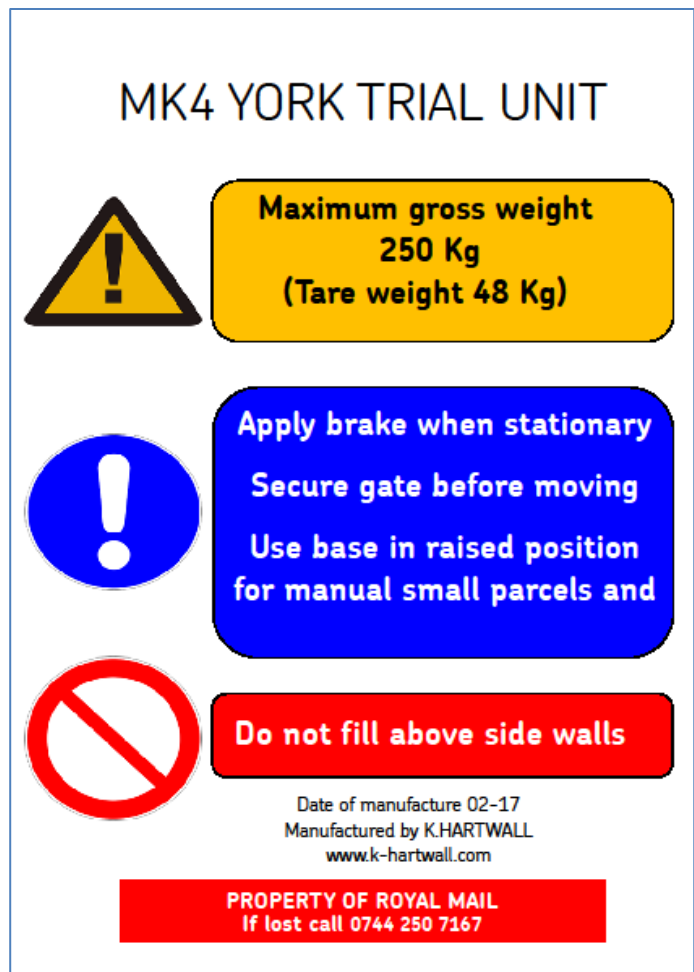
Safety inspection

- Follow 'before use – 10 point checklist' detailed in the York SSoW
- Carry out additional checks described in the MK4 additional requirements SSoW

Safe System of Work (SSoW)

The current York SSoW is still relevant to using the MK4 unit and this should be applied together with the contents of an additional requirements document that has been written specifically for the MK4 trial container.

Pending the outcome of the trial a new updated SSoW will be produced to incorporate all versions of the York container



Reporting equipment failure and feedback

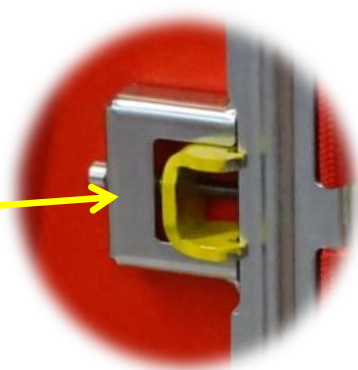
All equipment malfunctions and faults must be reported. The unit manager will be given specific instructions on the steps to take and how to feedback information to the project team

References:

1. York and Mini York SSoW V3 – 10 point checklist
2. York Container MK4 Additional requirements SSoW – 10 point checklist additional checks
3. Unit manager information pack

Operating instructions

Gate



Upper Gate sections

Release the lock plate on each side by pushing the latch (painted yellow) away from you either side.

To close the gate fold the lock plate over the 2 metal lugs and latch mechanism will snap-lock the plate to secure



The top 2 sections can be folded down and up to aid filling and emptying the container.

Ensure that the top section is tucked under the middle section



Lower Gate section

The bottom gate section is hinged. It is opened and closed by raising and lowering the locking bar by the handle (painted yellow) on the right hand side



Gate in stored position ready for nesting



The container secured and ready for transportation by the straps and single snap buckle

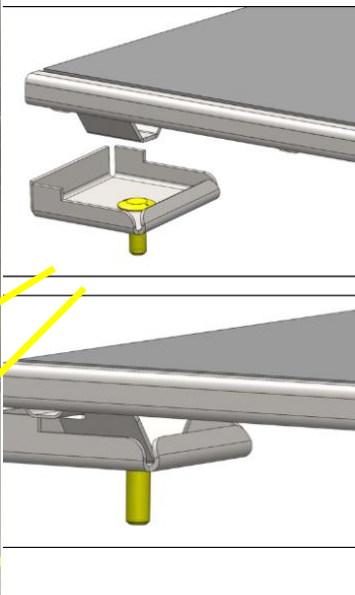
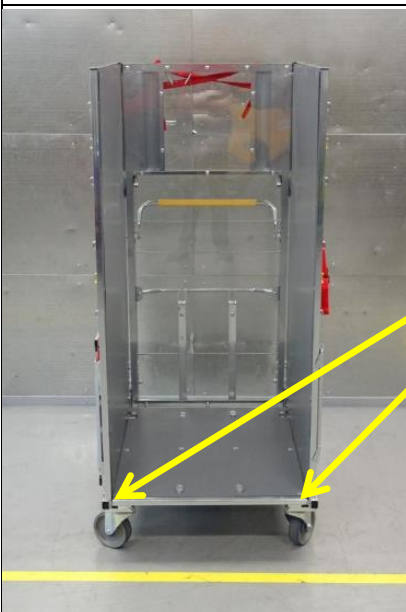
Base



Base operation – in the lower position

As per previous generations of the York container to deploy the base gently lift up at rear and lower into position as shown below

Tip: Do not pull too hard. The base only needs to be raised by a few mm to unlatch it from the vertical position.



Base – front latching lowered position

The underside of the base interlocks with the wheel plates as shown below to provide secure, stable latching.

Raising the base into the shelf position



Latching base in raised position

Lift base vertically with a firm pull, allow the rear hinge to rotate upwards, then release the base and make sure it engages securely in the vertical position. You will hear a “clunk” when it engages.

IMPORTANT When switching the base between the lowered and raised position (and vice versa), the sides **MUST** be open.

Raising the base cont..



Once latched, to put the base into the shelf position close at least one side and then gently lift up the base and lower as with other Yorks

IMPORTANT Before lowering the base at least one side must be closed as shown



Latch the spring bolts into the slots on the front of the frame first on one side and then the other

The spring operated mechanism locks into recesses on the front tube as shown

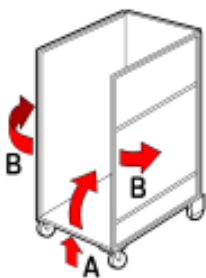


Base deployed in raised position as a shelf ready for use

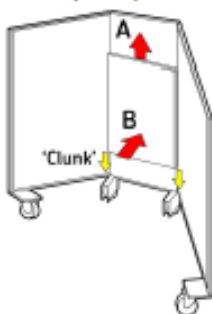
Raising the base cont...

How to raise the base

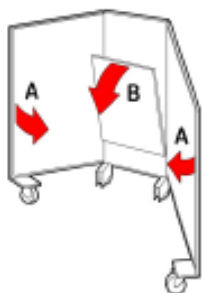
1. Fully open container sides and lift base



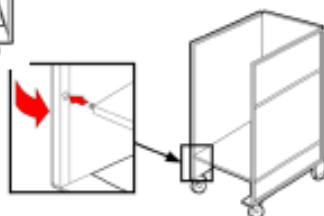
2. Lift base and press backwards to allow the hook at the back to drop into place



3. Close container sides then lower the base



4. Ensure that the front fastenings are properly engaged at both sides



Summary of base operating instructions

A label is fixed to the underside of the base to act as an aid to its operation



Stowing Base against back wall

Although the base will stow in both the upper and lower positions, the preferred way is to latch it in the lower position as shown



Nesting and transporting



The new unit is designed to nest with all previous generations of York containers



Strapping

Straps shown in the stowed position

Containers strapped together using the towing straps as shown

The straps will work in any combination of old and new units, including those fitted the plastic sleeves



Label holder

Note that labels are held in place by a wire spring

the spring is designed to secure the label during tipping

Loading with letter trays



The tray stacks are located by means of the lugs shown



The loose stack at the rear can be stabilised by placing up to 3 upturned trays at the right hand side of the rear stack

Capacities

Total 21 full trays

- in 3 stacks of 7

Total 39 nested trays

- in 3 stacks of 12 plus 3 end on trays at rear corner

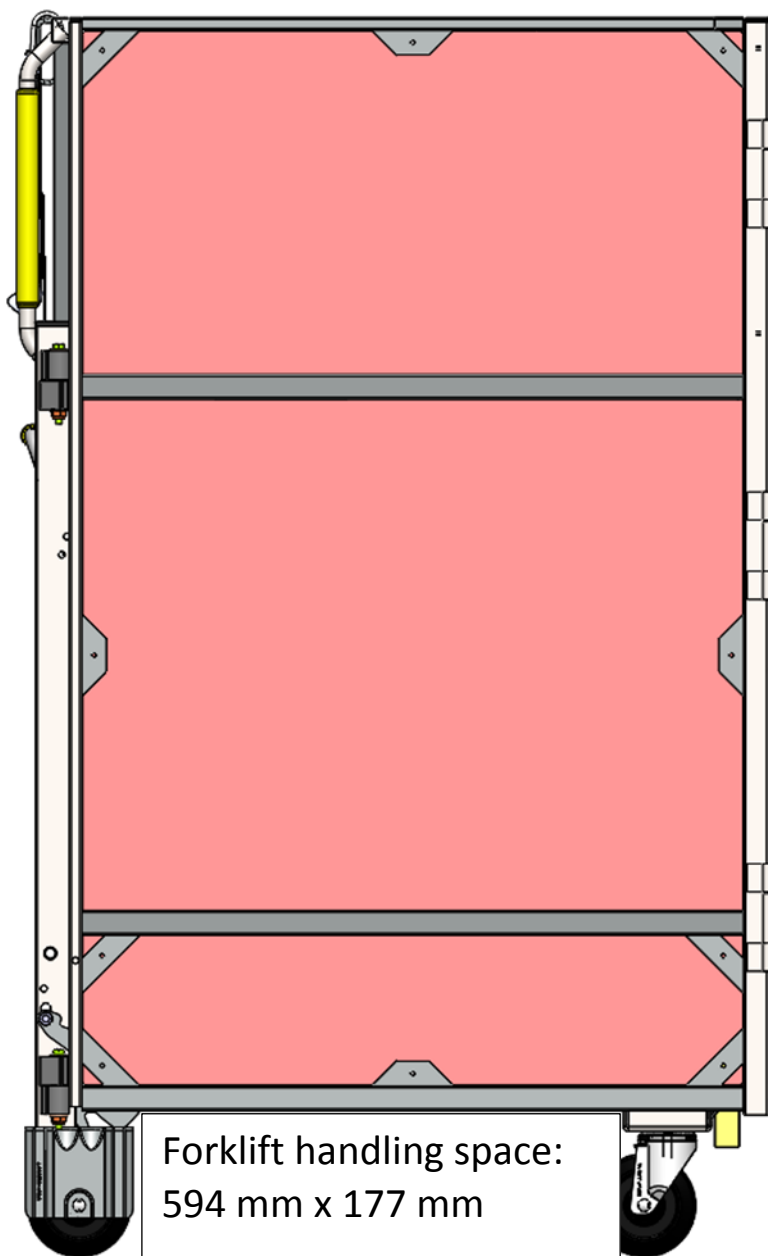
Braking and manoeuvring



The brake mechanism and operating handle function remains unchanged from previous York versions

Transparent panels at the front and rear assist the operator in manoeuvring the unit and allow its contents to be seen

Fork lift truck handling



The MK 4 York has been designed with mechanical fork handling in mind. The rear castor housing provides a degree of protection from fork damage and the front swivel castor typically rotates safely out of the way when impacted. However the incidence of damage is likely to increase when mechanically handled and great care should be taken by the operative

A separate risk assessment and method statements should be prepared for each site that proposes to fork lift handle the container