



TURBO POWER SYSTEMS  
*Powering Intelligent Solutions*

Manufacturing Work  
Instruction

151164 150KW Velox M  
Dispenser PACKING  
INSTRUCTION

Document Number: WI4-388

Process Owner: Ashleigh Simblet

Revision Number: 01

## 1. Scope

This document applies to the packing of the Velox m (151164) 150kW Dispenser and enables a consistent and efficient manufacturing standard.

## 2. Safety and General Process Requirements

Refer to Risk assessment RA-68 – packing and despatch.

Any use of the overhead crane must only be done by trained employees with a valid and in date license only – Refer to RA-74 & SWP-19 for safety information regarding the overhead crane.

## 3. Method

The following describes the packing of the Velox m (151164) 150kW Dispenser.

## Shock and tilt labels

All packaging requires 2 off shock labels to be fitted externally on perpendicular sides (1 per side) of the packing crate. To select the appropriate shock label, refer to figure 1 - the Weight (Kg) and volume (m<sup>3</sup>) of the packing crate is required to calculate which shock label is required. The volume (m<sup>3</sup>) of the packing crate is calculated using the formula *Length x Width x Height*.

Figure 1:

ShockWatch 2	5 - 15 ft <sup>3</sup> .14 - .42 m <sup>3</sup>	15 - 50 ft <sup>3</sup> .42 - 1.42 m <sup>3</sup>	50 - 100 ft <sup>3</sup> 1.42 - 2.83 m <sup>3</sup>	100 - 250 ft <sup>3</sup> 2.83 - 7.08 m <sup>3</sup>	250 - 500 ft <sup>3</sup> 7.08 - 14.16 m <sup>3</sup>	500 - 1,000 ft <sup>3</sup> 14.16 - 304.8 m <sup>3</sup>	1,000+ ft <sup>3</sup> 304.8+ m <sup>3</sup>
0 - 10 lbs 0 - 5 kg	75G	75G	50G	37G	---	---	---
10 - 25 lbs 5 - 11 kg	75G	50G	50G	37G	25G	---	---
25 - 50 lbs 11 - 23 kg	50G	50G	37G	25G	25G	15G	---
50 - 100 lbs 23 - 45 kg	50G	37G	37G	25G	15G	15G	10G
100 - 250 lbs 45 - 113 kg	37G	37G	25G	25G	15G	15G	10G
250 - 1,000 lbs 113 - 454 kg	37G	25G	25G	15G	15G	10G	10G
1,000 - 2,000 lbs 454 - 907 kg	25G	25G	25G	15G	15G	10G	5G
2,000 - 5,000 lbs 907 - 2,268 kg	25G	25G	15G	15G	10G	10G	5G
5,000 - 10,000 lbs 2,268 - 4,536 kg	25G	15G	15G	15G	10G	10G	5G
10,000 - 15,000 lbs 4,536 - 6,804 kg	---	15G	15G	10G	10G	5G	5G
15,000 - 20,000 lbs 6,804 - 9,072 kg	---	---	10G	10G	5G	5G	5G
20,000 - 30,000 lbs 9,072 - 13,608 kg	---	---	---	5G	5G	5G	5G
30,000+ lbs 13,608+ kg	---	---	---	---	5G	5G	5G

Once the required shock label has been identified, use figure 2 to find the associated TPS part number.

Figure 2:

TPS Part No.	Description	Sensitivity
908348-ROP	10 PACK OF 5G 6.35mm X 45.93mm SHOCK LABELS	5G
908349-ROP	10 PACK OF 10G 6.35mm X 45.93mm SHOCK LABELS	10G
908346-ROP	10 PACK OF 15G 6.35mm X 45.93mm SHOCK LABELS	15G
908345-ROP	10 PACK OF 25G 6.35mm X 45.93mm SHOCK LABELS	25G
908350-ROP	10 PACK OF 37G 6.35mm X 45.93mm SHOCK LABELS	37G
908351-ROP	10 PACK OF 50G 6.35mm X 45.93mm SHOCK LABELS	50G
908352-ROP	10 PACK OF 75G 6.35mm X 45.93mm SHOCK LABELS	75G

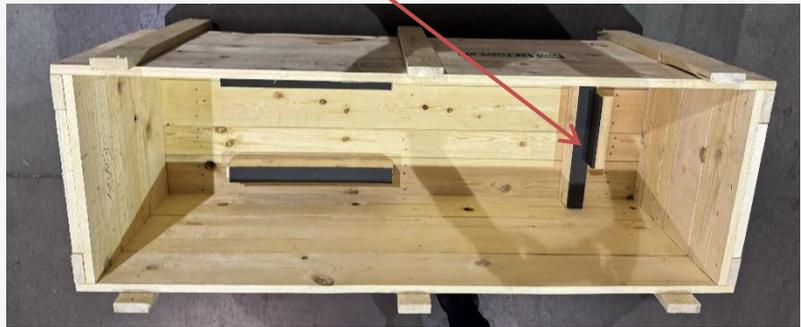
Additionally, all packaging requires 2 off tilt labels (908347-ROP) .

**3.1** Obtain the single dispenser packing kit. The kit consists of the following parts:

- 1 off** (Packing case – supplied flat pack along with foil bag and silica gel packets)
- 2 off 908347** (Tilt labels)
- 2 off 908345** (25G shock labels)
- 2 off CM2-3** (Quick start Guide)
- 2 off 909126** (A5 plain document holder)

Separate the parts of the packing case so the base of the crate is ready to pack the EVCP on to.

Dispenser top against this stop



**3.2** Position the base of the foil bag on the crate & position the unit on the crate as shown lifting by hand. 3 people required, 2 to lift the dispenser 1 to manage the charge cable.

**3.3** Ensure that the dispenser is sitting flat on the wooden supports, and is pushed tight against the end stop.



3.4 Carefully cover the top of the dispenser in foam, taking care to ensure the HMI screen is protected.

Carefully coil the charging cable on top of the dispenser so that it is laying flat, and cannot slide around.

Place a copy of the Quick Start guide with the door keys into a plastic bag and place on top of the unit.



3.5 Place 4 desiccant bags with the unit, 1 in each corner, remove as much air as possible using the vacuum cleaner and seal the foil bag using the AUX1557 crimp tool.

Then place 10mm thick foam lined timbers to prevent the dispenser from moving inside the packing crate.

1 along each side, and 2 on the top. These should be screwed in from the outside using drywall screws.





3.6

Place the packing crate lid in position as shown. Ensure that the plastic sheet is not damaged, and tuck around the edges.



Fix the lid in place with drywall screws, then staple the sheet to the sides of the crate to keep it in place.



Fix the shock and tilt indicators. 1 set to the long side, 1 set to the end

908345-ROP qty 2 and  
908347-ROP qty 2



3.7

Circle all of the fixings to be removed to enable unpacking of the dispenser in RED as shown.

Red paint marker is  
908862-ROP



<p>3.8</p>	<p>Obtain the Certificate of conformity (Coc)(if required) and 1 off Velox m Range Ultra Rapid EV Dispenser Quick Guide (CM 2-3) and place in an A5 adhesive-backed transparent document holder (909126). Attach the bag to the top of the crate.</p>	
<p>3.9</p>	<p>Ensure all required standard paperwork is available and included with each unit before dispatch.</p> <p>Take photographs of packed unit</p>	

Upon completion of the packing process, the overall size and weight of the overall unit is as follows:  
 Size – 1600mm (L) x 620mm (W) x 700mm (H)  
 Weight – Approx. 140Kg (Subject to change depending on modifications made to the product)

#### 4. Document History

Revision Number:	Revision Date:	Summary of Changes	Changed by
1	21/10/2025	New Document	A. Lister
2			
3			
4			

This document requires approvals from the following company positions:

- Process Owner
- Quality Manager