



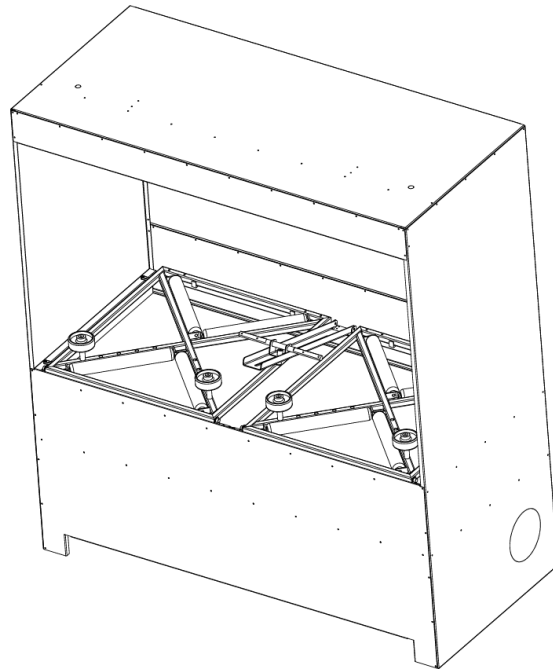
Assembly manual for WM888-1

Version: 20250715

ALLOY WHEEL SPRAY BOOTH

WM888-1

Version: 20250715



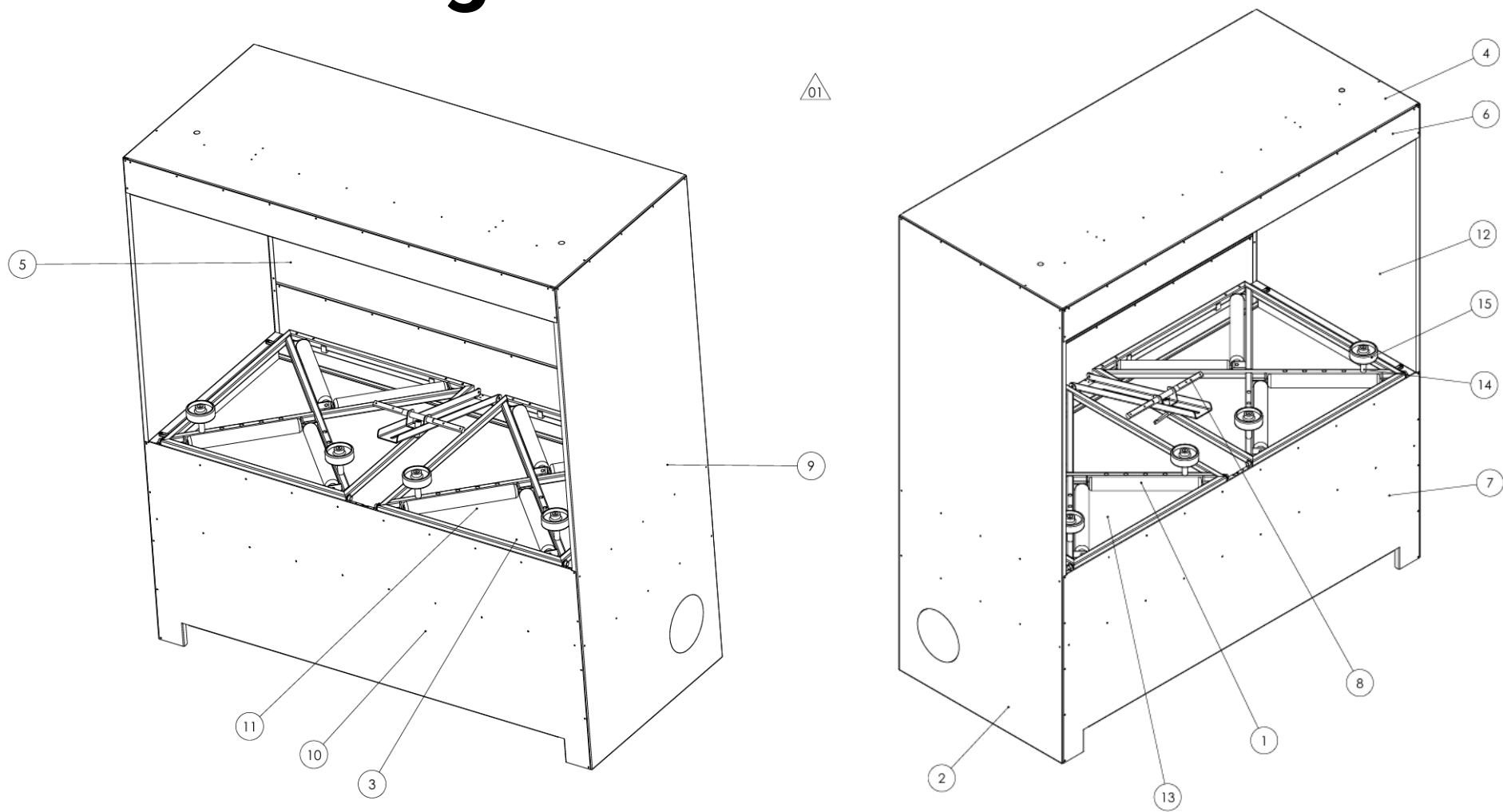
WHEELRESTORE

1. Introduction

This manual provides step-by-step instructions for assembling the Spray Bay model 2025. All components and sub-assemblies are shown in the coming drawing.

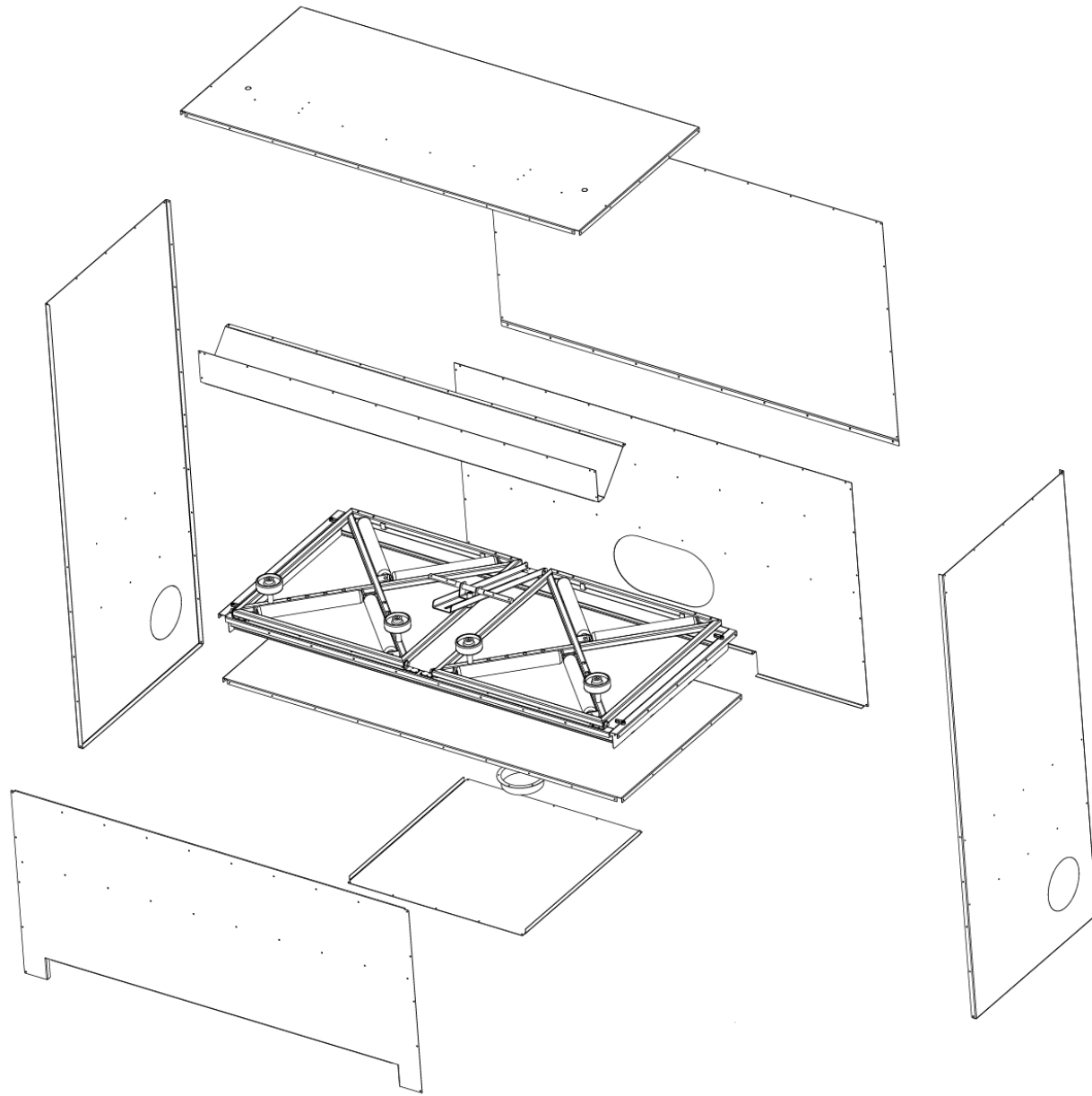
The Spray Bay is constructed from sheet metal plates riveted together, providing a durable and leak-resistant enclosure.

2. Drawing

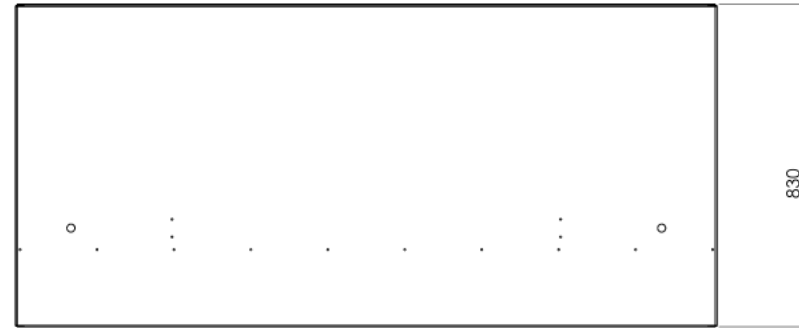
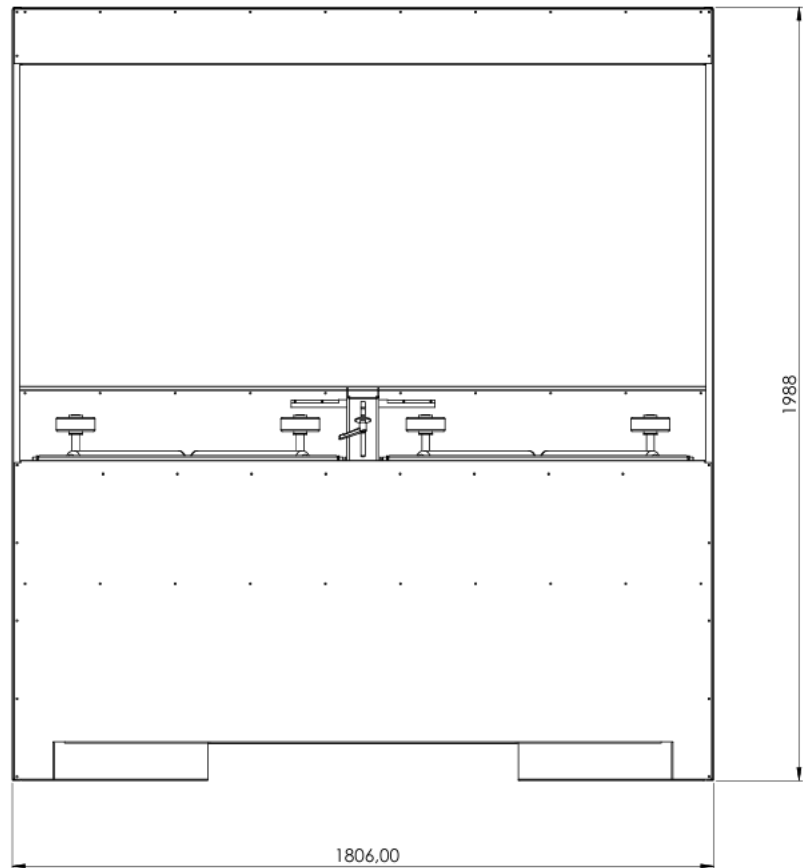


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	27500-008		1
2	27500x004		1
3	27500x005		1
4	27500x006		1
5	27500x007		1
6	27500x008		1
7	27500x009		1
8	27500x019		1
9	27500x024		1
10	27500x025		1
11	ILU Ø160		1
12	27500x031		1
13	27500x032	Filter 300	1
14	27500-004		4
15	27500x011		4

2. Drawing



3. Dimensions



4. Tools & Fasteners

- Pneumatic rivet gun or hand riveter
- Drill with 4 mm and 5 mm bits (if pilot holes are not pre-punched)
- Safety glasses and gloves
- Calibrated straight edge and square

5. Safety Precautions

- Wear safety glasses and gloves at all times during assembly.
- Ensure workspace is level and clear of debris.
- Keep hands clear of rivet gun nosepiece when operating.

5. Assembly Procedure

5.1 Preliminary Setup

- Lay Side Panel A (Item 1) flat on the assembly table, facing the interior upward.
- Position Side Panel B (Item 2) parallel to Side Panel A, spaced the width of the bay apart.

5.2 Bottom Plate Installation

- Align Bottom Plate (Item 5) between Side Panels A and B.
- Match rivet holes along edges. If holes are not present, drill pilot holes according to drawing.
- Secure Bottom Plate with rivets (Item 14) at all marked positions. Use at least four rivets per long edge.

5.3 Front and Rear Panels

- Place Front Panel (Item 3) onto the front edges of the Side Panels and Bottom Plate. Ensure edges flush.
- Rivet through all holes using rivets.
- Repeat for Rear Panel (Item 4).

5.4 Top Plate

- Position Top Plate (Item 6) over assembled sides, front, and rear panels.
- Rivet at each location as shown on Drawing View 8.

5.5 Filter and Airflow Components

- Mount Filter Bracket (Item 9) inside the rear panel, aligned with the exhaust cutout.
- Insert Filter (Item 13) into bracket and lock into place.
- Attach Exhaust Adapter (Item 12) over the filter bracket external flange. Rivet or bolt as per site conditions.
- Install Air Inlet ILU Ø160 (Item 11) on side panel, aligning with cutout.
- Secure using screws or rivets (not supplied).

6. Final Inspection

- Verify all rivets are fully set and flush.
- Ensure filter is seated and there are no gaps.
- Inspect overall dimensions against drawing.

7. Maintenance & Troubleshooting

- Periodically inspect rivets for loosening; replace as necessary.
- Clean filter monthly or replace when pressure drop exceeds 20 Pa.
- Tighten inlet and exhaust fittings annually.

8. Optional Add-Ons

The following accessories are available to enhance the functionality and convenience of your Spray Bay:

- **Spray Booth Cover:** Weather-resistant cover to protect the bay during storage or outdoor use. Learn more (smartrepair-shop.com)
- **Mobile Filter Unit:** Portable filtration system for remote dust and overspray control. Learn more (smartrepair-shop.com)
- **Mobile Fan System:** Standalone fan assembly to boost airflow and ventilation. Learn more (smartrepair-shop.com)
- **ATEX LED Lighting:** Explosion-proof LED fixtures for safe, high-visibility illumination in hazardous environments. Learn more (smartrepair-shop.com)