

## FLUX Dart

# FLUX Dart Narrow Wheelchair Instruction Manual

Model: Dart

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use, assembly, and maintenance of your FLUX Dart Narrow Wheelchair. Please read all instructions carefully before initial use and retain this manual for future reference.

## 2. SAFETY INFORMATION

- Always engage the wheel locks before transferring in or out of the wheelchair.
- Ensure all components are securely fastened before each use.
- Do not exceed the maximum weight capacity of 300 lbs.
- Avoid using the wheelchair on uneven or excessively sloped surfaces without assistance.
- Regularly inspect the wheels, brakes, and frame for any signs of wear or damage.
- Keep hands and clothing clear of moving parts, especially wheels and height adjustment mechanisms.

## 3. PRODUCT OVERVIEW AND COMPONENTS

The FLUX Dart Narrow Wheelchair is designed for indoor mobility, featuring a compact width and adjustable elements for user comfort and accessibility.

### Key Features:

- **Narrow Design:** 21.75" total width for navigating small spaces and standard doorways.
- **Adjustable Seat Height:** Pneumatic adjustment from 19" to 22" to accommodate various table heights and facilitate transfers.
- **Flip-Up Armrests:** Allows for easier transfers and closer access to desks or tables.
- **Dual Propulsion Options:** Can be self-propelled using feet or hands, or pushed by an attendant.

using the push bar.

- **Comfortable Seating:** Padded 18" wide seat and ventilated backrest.

### Component Identification:

1. Main Frame
2. Seat Cushion
3. Backrest
4. Flip-Up Armrests
5. 20" Rear Wheels
6. 5" Front Casters
7. Footrests (if included with model)
8. Push Bar
9. Wheel Locks
10. Seat Height Adjustment Lever





Figure 3.1: Front view of the FLUX Dart Narrow Wheelchair, highlighting its compact 21.75-inch width.



Figure 3.2: Detailed dimensions of the FLUX Dart Narrow Wheelchair, including seat height, width, and overall length.

## 4. SETUP AND ADJUSTMENTS

### 4.1 Initial Assembly

The FLUX Dart Wheelchair typically arrives partially assembled. Follow these general steps for final setup:

- Carefully remove the wheelchair from its packaging.



- Unfold the wheelchair frame until it locks into place.
- Attach the footrests (if not pre-installed) by aligning them with the attachment points and securing them according to the specific mechanism (e.g., pins, levers).
- Ensure all wheels are properly attached and rotate freely.

## 4.2 Seat Height Adjustment

The seat height can be adjusted pneumatically to suit individual needs and different environments.

1. Locate the seat height adjustment lever, typically found under the seat.
2. To raise the seat, lift the lever while applying minimal weight to the seat. The seat will rise automatically.
3. To lower the seat, lift the lever while seated, allowing your body weight to gently lower the seat to the desired height.
4. Release the lever to lock the seat in position.



Figure 4.1: A user demonstrating the pneumatic seat height adjustment feature, allowing for comfortable positioning at various surfaces.

## 4.3 Armrest Adjustment

The armrests are designed to flip up for convenience.

- To raise an armrest, locate the release mechanism (if any) or simply lift the armrest upwards until it locks into the vertical position.
- To lower an armrest, release the lock and gently push it down until it is parallel with the seat.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Engaging/Disengaging Wheel Locks

The wheel locks are essential for safety during transfers or when stationary.

- To engage the locks, push the levers located near the rear wheels downwards until they click into place.
- To disengage, pull the levers upwards.

### 5.2 Self-Propulsion

Users can propel the wheelchair using their feet or by pushing the large rear wheels.

- For foot propulsion, ensure footrests are either folded up or removed, and use your feet to push off the floor.
- For hand propulsion, grasp the hand rims on the rear wheels and push forward or backward.



Figure 5.1: A user demonstrating foot propulsion, highlighting the chair's design for independent movement.

### 5.3 Attendant Push

The integrated push bar allows an attendant to easily maneuver the wheelchair.

- Ensure the user is seated securely.

- Use the push bar to guide the wheelchair.

## 5.4 Navigating Tight Spaces

The narrow design of the FLUX Dart is optimized for indoor use.

- Its 21.75" width allows passage through standard interior doorways.
- The combination of large rear wheels and 5" front casters provides maneuverability in confined areas.



Figure 5.2: An illustration demonstrating the ease of maneuvering the FLUX Dart wheelchair in various indoor settings.





## EASY TO MANEUVER

At a slim 21.75" wide with extra-large 20" rear wheels, a sturdy steel base and medical grade 5" front casters, the FLUX Dart provides easy movement around your home or office.



Figure 5.3: A user comfortably positioned at a desk in the FLUX Dart wheelchair, showcasing its suitability for daily activities.

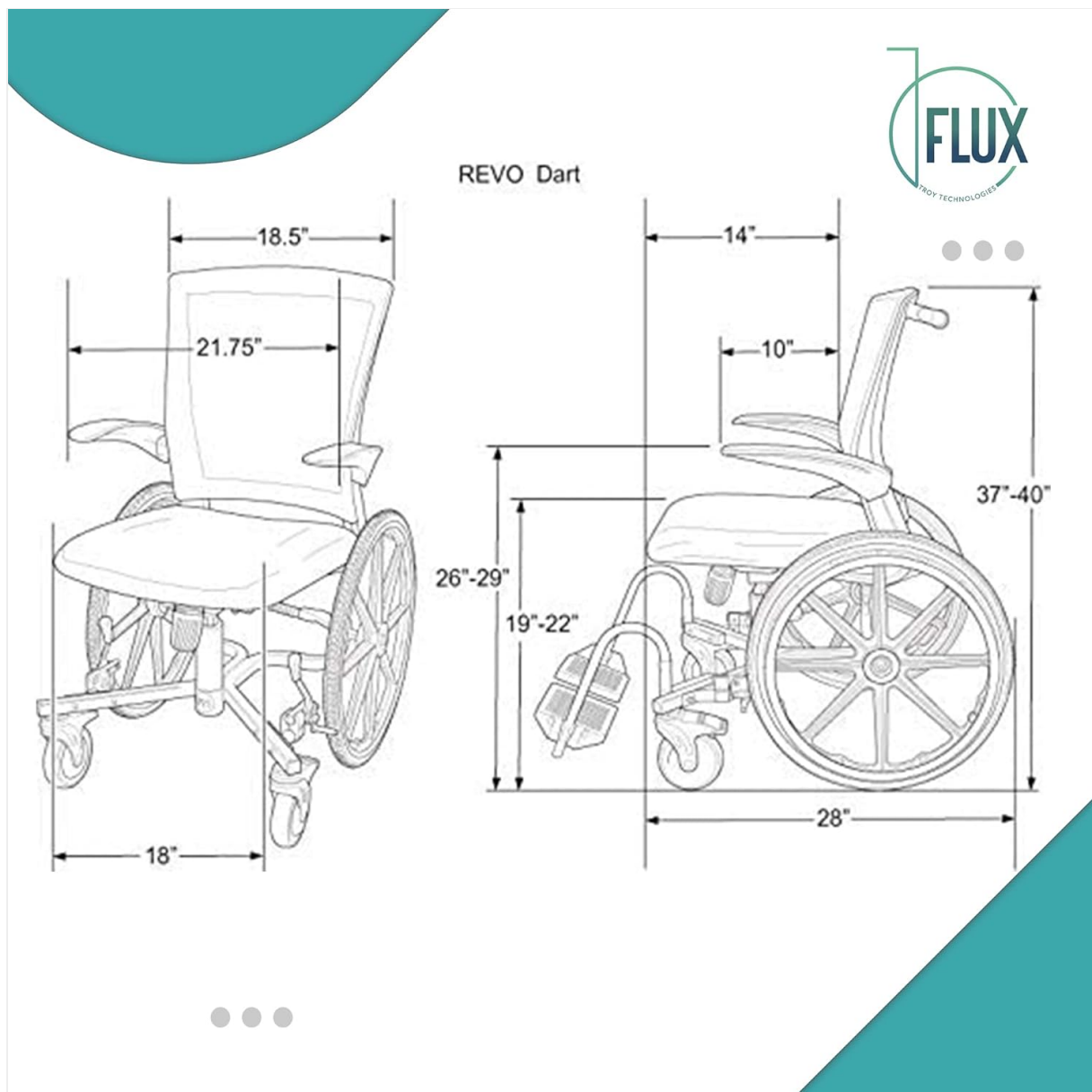


Figure 5.4: The wheelchair's compact design allows a user to access kitchen counters and appliances with ease.

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Video 5.1: This video demonstrates the FLUX Dart Wheelchair's maneuverability and ease of use in a home environment, including navigating doorways and accessing kitchen spaces. It highlights the chair's comfortable design and adjustable features.

## 6. MAINTENANCE

### 6.1 Cleaning

- Wipe down the frame with a damp cloth and mild detergent.
- The seat and backrest fabric can be spot cleaned with a suitable upholstery cleaner.
- Avoid using abrasive cleaners or solvents that may damage the materials.

### 6.2 Inspection

- Regularly check all nuts, bolts, and fasteners to ensure they are tight.
- Inspect tires for wear and proper inflation (if applicable).
- Test wheel locks for proper function.



- Ensure armrests and footrests operate smoothly.

## 7. TROUBLESHOOTING

- **Difficulty on Carpet:** The smaller front casters may experience resistance on thick carpets. Consider using the chair on hard floor surfaces or adjusting propulsion technique.
- **Armrests Too Low:** While armrests are designed to flip up, their fixed height may not suit all users for support during transfers. Ensure proper transfer techniques are used.
- **Wheel Locks Not Engaging:** Check for debris obstructing the locking mechanism. Ensure the wheels are properly aligned. If issues persist, contact customer support.
- **Seat Height Adjustment Issues:** If the seat does not adjust smoothly, check for obstructions or contact customer support for assistance.

## 8. SPECIFICATIONS

Feature	Specification
Brand	FLUX
Model	Dart
Overall Width	21.75 inches
Weight Capacity	Up to 300 lbs
Seat Height Adjustment Range	19" - 22"
Seat Width	18 inches
Item Weight	40 Pounds
Material	Alloy Steel
Manufacturer	Troy Technologies, Inc.

## 9. WARRANTY AND SUPPORT

### 9.1 Return Policy

This product is subject to a 30-day return policy for refund or replacement. Please refer to your purchase documentation for specific terms and conditions.

### 9.2 Manufacturer Contact

For technical support, warranty claims, or replacement parts, please contact Troy Technologies, Inc. directly. Contact information can typically be found on the product packaging or their official website.