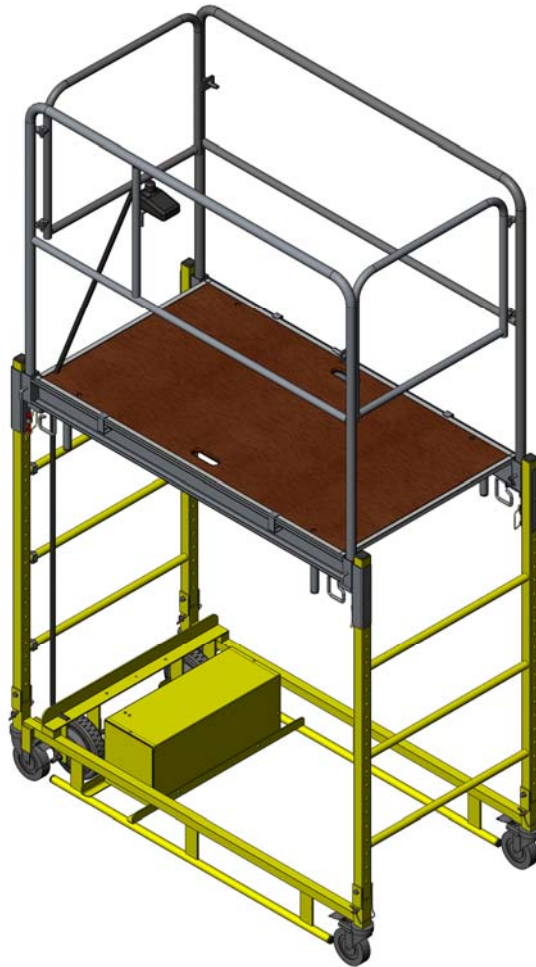


POWER SNAPPY

Patent #6,471,003; 6,761,247; D520,644;
Other Patents Pending

OPERATING & PARTS MANUAL 2.1
SN 00303-00435



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OSHA Operational Requirements

Scaffold casters and wheels shall be locked with positive wheel and/or wheel and swivel locks, or equivalent means, to prevent movement of the scaffold while the scaffold is used in a stationary manner.

29 CFR 1926.452(w)(2)

The surface on which the scaffold is being moved is within 3 degrees of level, and free of pits, holes, and obstructions.

29 CFR 1926.452(w)(6)(i)

The height to base width ratio of the scaffold during movement is two to one or less, unless the scaffold is designed and constructed to meet or exceed nationally recognized stability test requirements.

29 CFR 1926.452(w)(6)(ii)

When power systems are used, the propelling force is applied directly to the wheels, and does not produce a speed in excess of 1 foot per second (.3 mps).

29 CFR 1926.452(w)(6)(iv)

No employee is on any part of the scaffold which extends outward beyond the wheels, casters, or other supports.

29 CFR 1926.452(w)(6)(v)

Platforms shall not extend outward beyond the base supports of the scaffold unless outrigger frames or equivalent devices are used to ensure stability.

29 CFR 1926.452(w)(7)

Before a scaffold is moved, each employee on the scaffold shall be made aware of the move.

29 CFR 1926.452(w)(10)

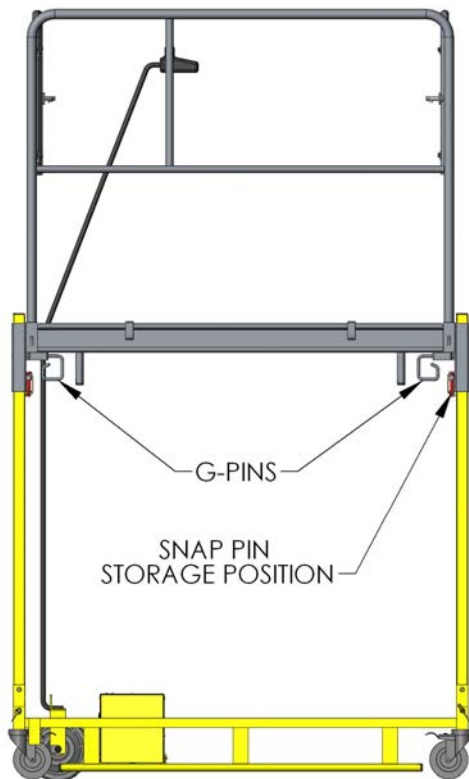
Parts List

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	4	6013	HP3 HINGE PIN 3"
2	4	18086	5" Snappy Caster w/ snap pin
3	1	MI-03-1302	BAR FLAT HR 1/8" x 2" x 12"
4	1	MI-08-0730	FORMED-PS BATTERY BOX
5	1	MI-08-0736	FORMED-PS BATTER BOX END W/ HOLES
6	1	MI-08-0737	FORMED-PS BATTER BOX END
7	1	MI-10-0374	PLYW-.500 x 8.000 x 21.000
8	2	MI-12-2196	SCAFFOLD MOVER ARM BRACE ASSEMBLY
9	1	MI-12-2197	SCAFFOLD MOVER GUARD SIDE
10	2	MI-12-2345	SCAFFOLD MOVER LADDER
11	1	MI-12-2346	5' Walkboard
12	2	MI-12-2347	SCAFFOLD MOVER GUARD END
13	1	MI-12-2348	SCAFFOLD MOVER GUARD SIDE
14	1	MI-12-2871	SCAFFOLD MOVER BASE W/ METAL BOX
15	2	MI-12-2876	PS BATTERY HOLD DOWN BOLT
16	1	MI-18-0005	WIRE - 12 GA RED THHN STRANDED WIRE x 24"
17	1	MI-18-0006	WIRE - 12 GA BLACK THHN STRANDED WIRE x 12"
18	2	MI-18-0007	WIRE - 12 GA BLACK THHN STRANDED WIRE x 24"
19	8	PI-01-0019	NUT-NYLON 3/8" LOCKNUT PLATED
20	4	PI-01-0025	BOLT-HEX 3/8"-16 x 1-1/4" PLATED
21	4	PI-01-0027	BOLT-HEX 3/8"-16 x 2-1/2" PLATED
22	4	PI-01-0047	NUT-NYLON 10-24 LOCKNUT PLATED
23	2	PI-01-0049	WASHER-LOCK 10 PLATED
24	4	PI-01-0294	NUT-INSERT #10-32 Atlas #AEKS-1032-130
25	2	PI-01-0329	NUT-TEE 5/16"-18 x 3/8" 4 PRONG PLATED
26	4	PI-01-0331	SCREW-#10-32 x 5/8" SCREW PHILLIPS PAN HEAD
27	4	PI-01-0332	WASHER-SAE 10 PLATED
28	2	PI-01-0353	SCREW-M5-0.8 x 5/8" SCREW PHILLIPS ROUND HEAD
29	4	PI-01-0368	SCREW-#10-24 x 3/4" PHILLIPS ROUND HEAD
30	4	PI-01-0392	SCREW-#8 x5/8" COMBO PAN SHEET METAL ZINC
31	10	PI-01-0393	SCREW-#8 x3/8" COMBO PAN SHEET METAL ZINC
32	2	PI-01-0397	SCREW-#6-32 x 3/4" PHILLIPS PAN HEAD
33	2	PI-01-0398	NUT-HEX 6-32 PLATED
34	4	PI-04-0035	CAP PLUG ROUND BLACK 1"
35	4	PI-04-0039	CAP PLUG SQUARE BLACK 1 1/2"
36	2	PI-04-0043	Rubber Grommet
37	2	PI-08-0003	TERMINAL - RING TERMINAL 3/8" YEL PVC 10-12GA
38	1	PI-08-0012	INLET-ELECTICAL CORD 15AMP 125V BLACK WATERPROOF
39	1	PI-08-0015	SWITCH-KEY OPERATED 50AMP WIRTHCO 20314
40	2	PI-08-0017	TERMINAL - RING TERMINAL 1/4" RED PVC 22-18GA
41	4	PI-08-0018	TERMINAL - RING TERMINAL 1/4" YEL PVC 10-12GA
42	8	PI-08-0019	APP - CONTACT 15 FOR #16-20 AWG WIRE
43	2	PI-08-0020	APP - CONTACT SB50 FOR #10-12 AWG WIRE
44	2	PI-08-0021	APP - HOUSING/SRING ASSEMBLY FOR 15 To 45 AMP RED
45	2	PI-08-0022	APP - HOUSING/SRING ASSEMBLY FOR 15 To 45 AMP BLACK
46	4	PI-08-0023	APP - HOUSING/SRING ASSEMBLY FOR 15 To 45 AMP WHITE
47	2	PI-08-0025	APP - RECEPTACLE SNAP-IN 2x2
48	1	PI-08-0026	APP - HOUSING/SPRING ASSEMBLY FOR SB50 BLACK
49	2	PI-08-0028	APP - RETAINING PIN
50	2	PI-11-0022	SM-8" HUB MOTOR SCAFFOLD MOVER 24V Black HUB GRAY WHEEL
51	2	PI-11-0025	SM-BATTERY 12V 32A.H. AGM
52	1	PI-11-0027	SM-BATTERYCHARGER 24V SEAL LEAD ACID TYPE / AGM TYPE
53	2	PI-11-0054	CLAMP CABLE NYLON 3/8"
54	18	PI-11-0058	TIE, CABLE
55	3	PI-11-0064	CLIP - GRIPPER CLIP CAPACITY 3/4 - 1-1/8" DIA. 1/2 VINYL
56	1	PI-11-0076	PROMO-GRANITE KEY RING
57	1	PI-11-0089	SM-VSI CONTROLLER ANDERSON BLACK 3M CABLE

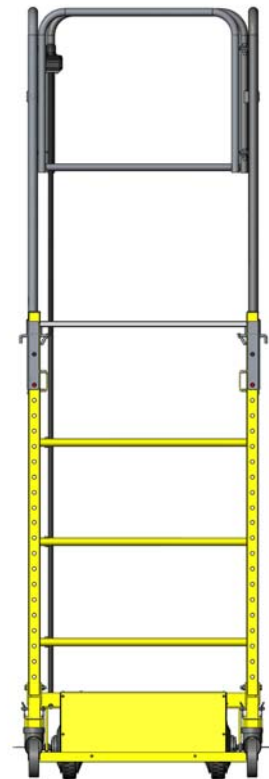
Setup/Adjustment

The Power Snappy comes fully assembled and the only adjustment that needs to be made is to set the height of the work platform. The platform can be adjusted between 24" and 60". Follow the instructions below to change the work platform height.

- 1.) First, position yourself at one end of the unit.
- 2.) Disengage both g-pins from the ladder; it will be necessary to use one hand on each g-pin.
- 3.) Now, either raise or lower the work platform 6".
- 4.) Secure each g-pin back into the ladder frame.
- 5.) Repeat step 2-4 on the other end of the unit.
- 6.) If it is desired to raise/lower the platform more than 6"; repeat steps 2-5 until the desired level platform height is achieved.
- 7.) For additional security insert the 2" snap pins through the "U" channel and frames after the platform height has been set.



SIDE VIEW



END VIEW

Operational Guide

Power Snappy: 500lb Capacity

- 1) Before using, unplug the battery charger from the Power Snappy.
- 2) Set the brake mechanisms on the drive wheels in the operating position by moving the lock lever to the center position.
- 3) Access the work platform by climbing up the ladder frame on either end of the Power snappy.
- 4) Once on the work platform, close the guardrail door and secure it with the Q-lock.
- 5) Turn the Power Snappy (ON) by pressing the green button on the joystick.
- 6) Verify that the speed control is on its lowest setting; one red light should be illuminated. Pressing the minus (-) button will decrease this setting. The Power Snappy should only be used in this lowest speed setting.
- 7) Before moving, verify that all personnel and equipment is located inside the guardrail on the Power Snappy.
- 8) To maneuver the Power Snappy, push the joystick in the desired direction.
- 9) When finished operating the Power Snappy, turn the power (OFF) by pressing the red power button on the joystick control unit.
- 10) To climb off the Power Snappy perform steps 3 & 4 in reverse order.

Features Guide



Joystick steering has adjustable speed control. In addition, soft start/stop are provided for safer operation.

This unique joystick also includes built in error lights for quick and easy trouble shooting.



Patented safety features add security and safety to the deck platform.

Platform heights are adjustable from 24"-60" (approx 12' working height).



G-pin and a snap pin secure the arm braces on the power snappy.



Complete guard rails are provided and open at both ends for easy boarding access.



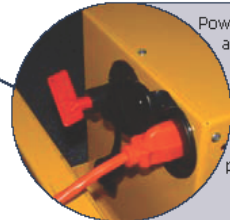
Industry standard Anderson Power Products connectors are used on the Power Snappy. These connectors allow easy connection and disconnection.

Features an enclosed power case that houses two 12 volt sealed AGM 32 amp hour batteries.



Two 24v hub motors with integrated brake system propel the Power Snappy.

Each motor is rated for 6000 hrs of use.



Power snappy is wired with an onboard charger that is accessed with a built in electrical inlet.

A lockout switch (2 keys included) provides added security on the job site.



Service / Troubleshooting Guide

VSI CONTROL SYSTEM

If a system trip occurs, you can find out what has happened by counting the number of bars on the battery gauge that are flashing.

Below is a list of self-help actions. Try to use this list before you contact your service agent. Go to the number in the list which matches the number of flashing bars and follow the instructions.

If the problem persists after you made the checks described above contact your service agent.

1 Bar 	The battery needs charging or there is a bad connection to the battery. Check the connections to the battery. If the connections are good, try charging the battery.
2 Bar 	The left hand motor* has a bad connection. Check the connections to the left hand motor.
3 Bar 	The left hand motor* has a short circuit to a battery connection. Contact your service agent.
4 Bar 	The right hand motor* has a bad connection. Check the connections to the right hand module.
5 Bar 	The right hand motor* has a short circuit to a battery connection. Contact your service agent.
6 Bar 	The wheelchair is being prevented from driving by an external signal. The exact cause will depend on the type of wheelchair you have, one possibility is the battery charger is connected.
7 Bar 	A joystick fault is indicated. Make sure that the joystick is in the center position before switching on the control system.
8 Bar 	A control system fault is indicated. Make sure that all connections are secure.
9 Bar 	The parking brakes have a bad connection. Check the parking brake and motor connections. Make sure the control system connections are secure.
10 Bar 	An excessive voltage has been applied to the control system. This is usually caused by a poor battery connection. Check the battery connections.

* If the programmable parameter, Motor Swap has been enabled, then left and right hand references in this table will need transposing.

INTEGRATED BATTERY CHARGER

MODEL: HP1202B

DC OUTPUT 24V 2A

RED LED ILLUMINATED: POWER ON

RED/GREEN LED ILLUMINATED: CHARGING

GREEN LED ILLUMINATED: CHARGED

Warranty

Power Snappy electrical components are warranted for 90 days from date of original purchase, unless it has been misused, abused, modified or improperly installed. Any product that is claimed to be defective that is returned to Granite Industries with its approval will be repaired or replaced free of charge (excluding freight). This warranty is exclusive and there are no other warranties, express or implied. This remedy is the sole remedy in contact, tort or otherwise, and Granite Industries is not liable for incidental, consequential or special damages (Proof of purchase may be required).

Power Snappy welded components are warranted for 2 year from date of original purchase, unless it has been misused, abused, modified or improperly installed. Any product that is claimed to be defective that is returned to Granite Industries with its approval will be repaired or replaced free of charge (excluding freight). This warranty is exclusive and there are no other warranties, express or implied. This remedy is the sole remedy in contact, tort or otherwise, and Granite Industries is not liable for incidental, consequential or special damages (Proof of purchase may be required).

We will repair, without charge, any defect due to faulty material or workmanship. Please return the complete unit, transportation prepaid, to Granite Industries. These warranties do not cover failures due to abuse, accidental damage or when repairs have been made or attempted by other than Granite Industries. These warranties give you specific legal rights, and you may have other rights which vary from state to state. Should you have any questions, contact Granite Industries (Proof of purchase may be required).