

Stabil'Up[®]

**UNIVERSAL WALKER FOR PEOPLE
WITH REDUCED MOBILITY**



GENERAL CHARACTERISTICS

The **Stabil'Up**, whose trademark and patent have been subjected to a patent application, is an evolutionary walker for the moving of people with reduced mobility; it helps overcoming the disadvantages of their various disabilities.

The mobility of any individual deteriorates with age, starting with simple difficulties with walking until an absolute impossibility of moving with different intermediate stages: loss of balance, difficulty to hold one's own weight or to move forward by himself.

The **Stabil'Up** allows a physical exercise through walking, postponing thus the use of a wheelchair.

It offers seven configurations, which fit each degree of disability:

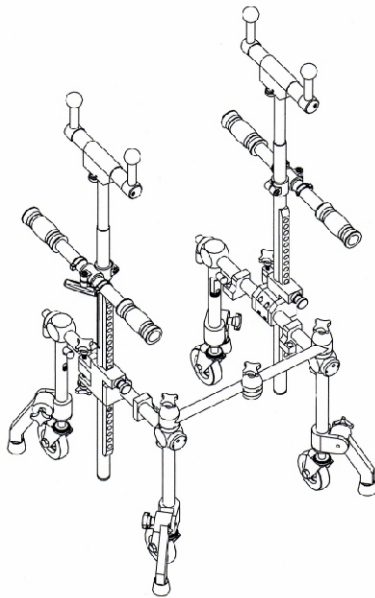
1. Simple walker
2. Walker stabilizer
3. Support walker
4. Guided support walker
5. Walker for transfer in a standing position
6. Wheelchair
7. Pushed wheelchair.

It is made of:

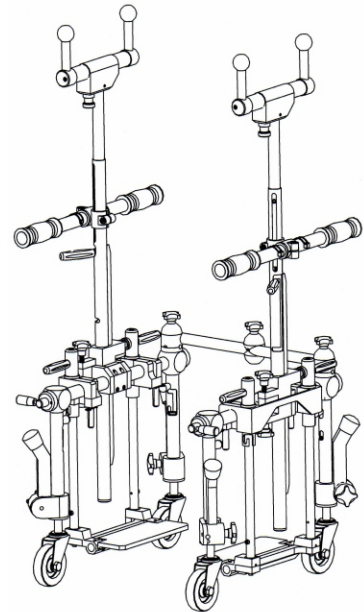
- ▶ A square frame open in its rear side, equipped with four directional wheels, suspended by springs with stiffness adjustment; their effect can be neutralized with two levers et four moveable legs,
- ▶ Two lateral crutches with axle, each equipped with two removable control handles, a front one and a rear one. They help the individual in any situation to be positioned in the middle of the frame. They are height-adjustable to the individual's size, angularly adjustable to the individual's build and each one is equipped with an enveloping axillary support adjustable to the shoulder span. These supports are moved up or down with a lever so as to slide them under the armpits or to remove them,
- ▶ A support for transportation of an individual in a standing position, made of two removable, tilting and fold-away footrests,
- ▶ A removable and foldable seat, with a back fitted with front and rear handgrips and with removable and height-adjustable footrests.

To be able to store the **Stabil'Up** in a tiny space or to carry it in a car trunk, it is fully foldable.

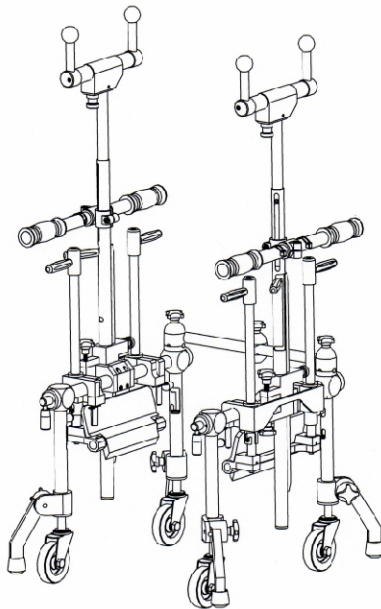
SIMPLE WALKER



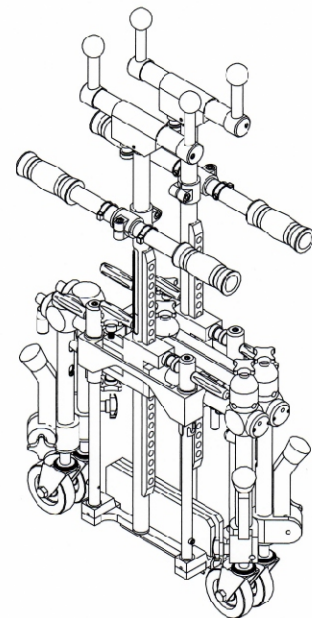
STEPS ON



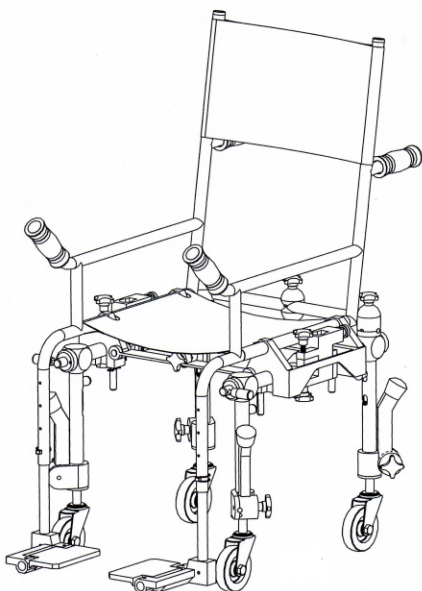
STEPS OFF



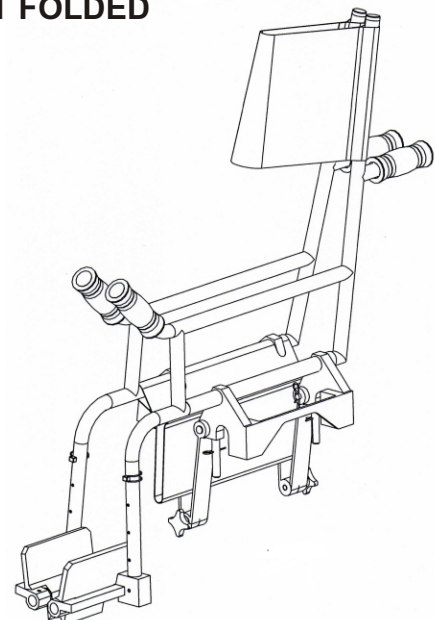
WALKER FOLDED



SEAT INSTALLED



SEAT FOLDED



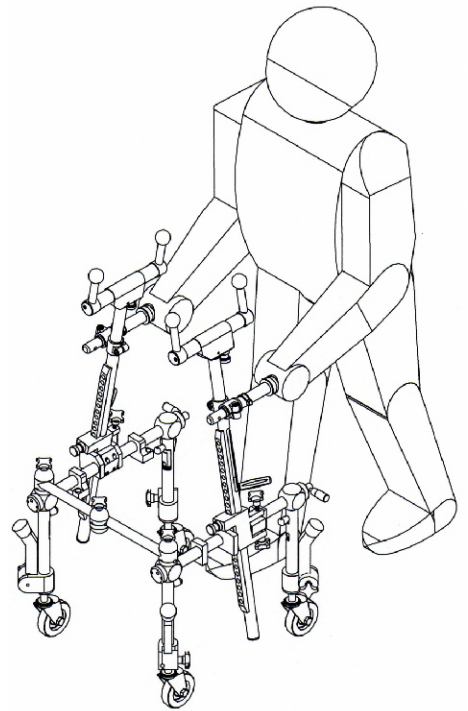
CONFIGURATIONS

SIMPLE WALKER

The suspension is deactivated, the front control handles are removed and the legs are lifted.

It thus has the characteristics of a standard walker pushed with rear control handles.

In this configuration, it is meant for people who are able to walk but who need to be secured when walking.



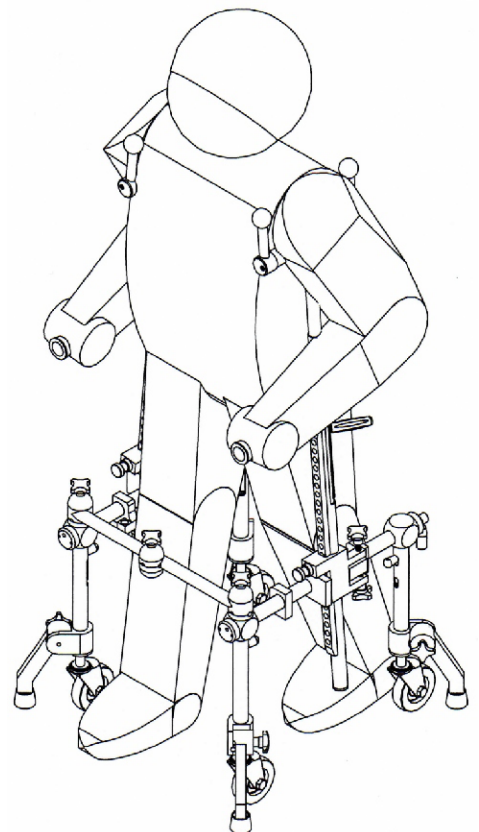
WALKER STABILIZER

The suspension is activated, the stiffness of the springs is adjusted to the user's convenience, the rear control handles are removed, the legs lowered and the armpit supports come in light contact under the arms. In this configuration, the walker is guided with the front handles.

If it occurs that the user loses his balance, his body is slumping and his armpits come in contact with the supports and let the frame come down; the legs of the frame come in contact with the ground and neutralize thus the rolling and guiding functions of the wheels, this moving down resulting in the stabilization of the assembly.

This operation may also be voluntary, as the user has just to bend his knees.

In this configuration, it is meant for people who are able to walk but who are prone to losses of balance.



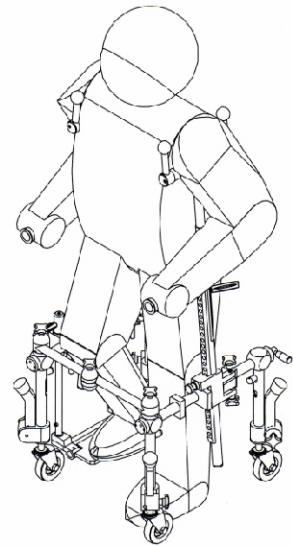
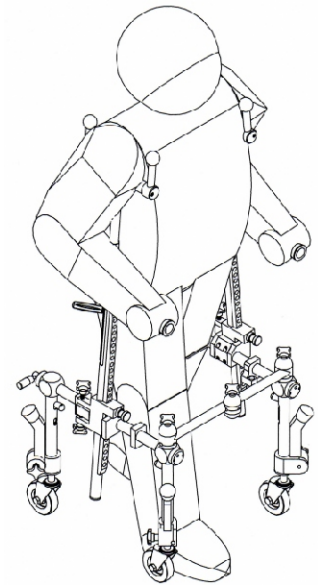
SUPPORT WALKER

It has the characteristics of a walker stabilizer, with the difference that the suspension is deactivated and the legs are lifted.

The user's armpits are firmly resting on the supports.

In this configuration, it is meant for people who cannot hold their own weight and need therefore to shift a part of the weight under their arms.

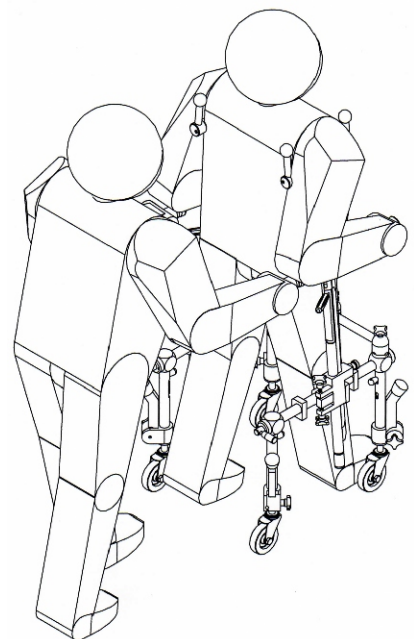
It should be noted that it may be interesting, in the case of an inability of an individual to walk on his two legs, for instance with a cast on his leg. You just have then to fit the walker with a footrest and to make it move with the valid leg.



GUIDED SUPPORT WALKER

This is a support walker on which the rear control handles have been mounted. It is pushed and guided by a person who helps the user moving.

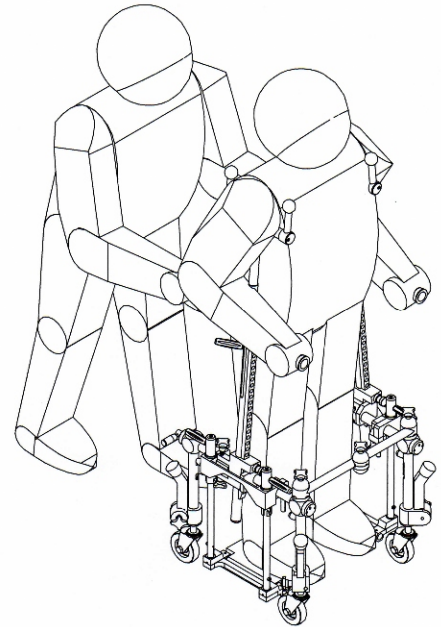
In this configuration, it is meant for people who, in addition to be unable to hold their weight, have some difficulties to move forward.



WALKER FOR TRANSFER IN A STANDING POSITION

It is a guided walker equipped with two footrests. The user comes onto the footrests and is pushed in a standing position by another person.

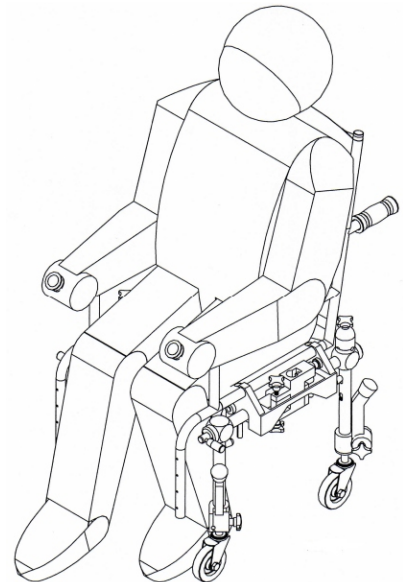
It is the last means of transport before the wheelchair.



WHEELCHAIR

It is the configuration of the support walker from which the crutches have been removed and on which a seat without footrests has been installed.

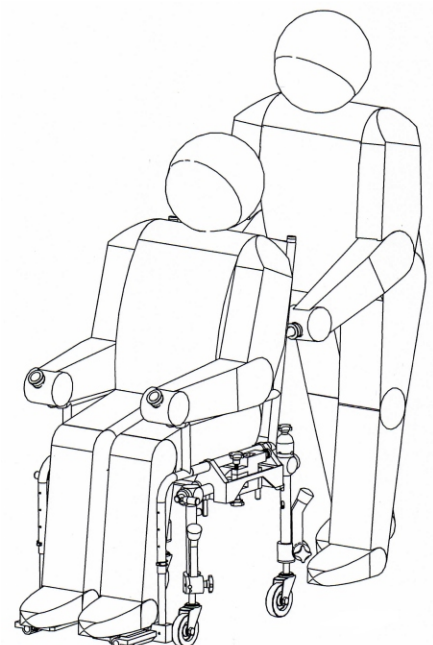
The sitting user, holding the front handles, is using his legs to move forward.



PUSHED WHEELCHAIR

It is the configuration of the wheelchair the seat of which is equipped with fold-away footrests.

The user, who is sitting, is pushed by another person with the help of the two rear handles.



SUMMARY TABLE

DISABILITY NATURE				CORRESPONDING CHARACTERISTICS																					
PROGRESS STEP BY STEP		ABLE TO				CONFIGURATIONS				USING HANDLES				ACTIVE SUSPENSION		ARMPITS FIRMLY RESTING		LIFTED LEGS		STEPS		SEAT		FOOTRESTS	
		PROGRESS BY HIMSELF		HOLD HIS OWN WEIGHT																					
POSSIBLE	HESITANT	UNSTABLE	SITTING		NO	YES	1	2	3	4	5	6	7												
			STANDING	NO	YES																				
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