



# DESCHAMPS

SINCE 1860

## Mobi-Roll'N Stow™

### User Manual

# 220 740



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Usine du Bourisson - 16400 La Couronne - France

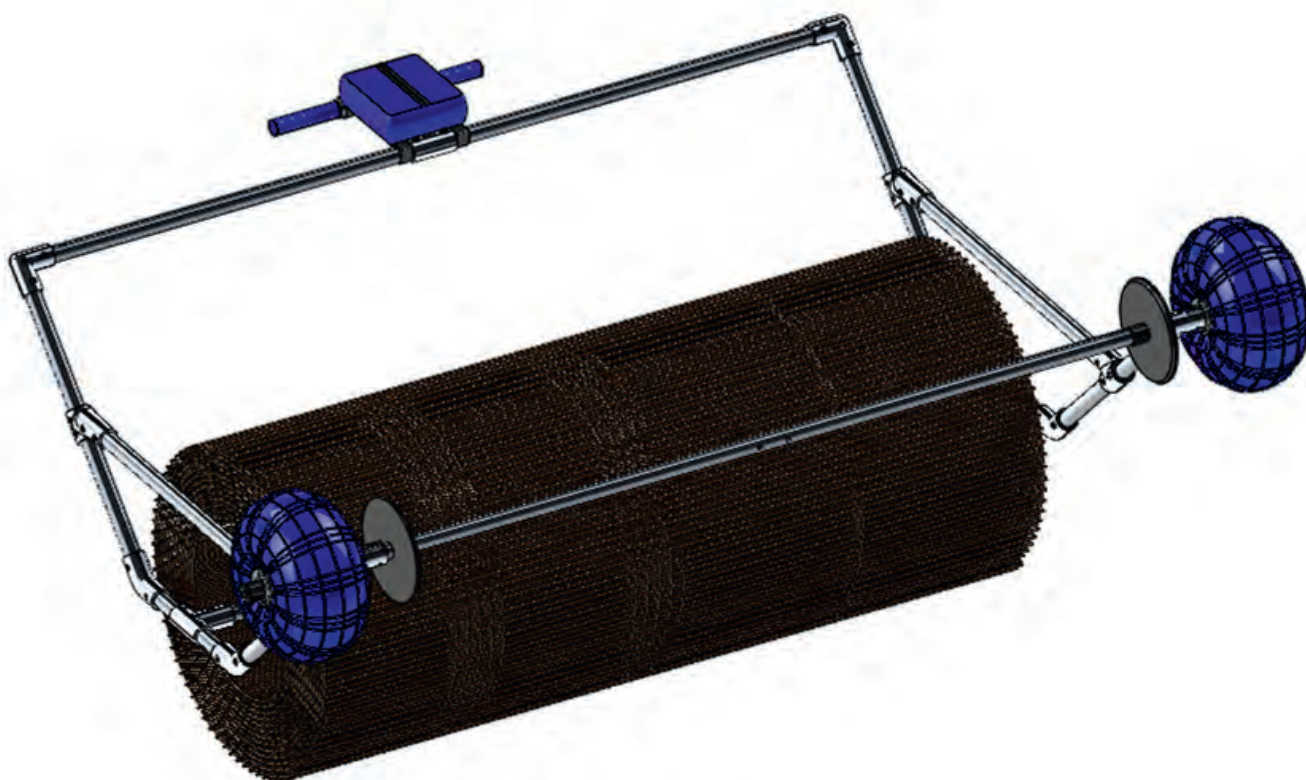
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## Technical data

Net weight without Mobi-Mat® pathway: 44.1 lbs / 20 Kg

**Dimensions:**

- Overall length: : 87.80" / 2230 mm
- Overall width: 64.18" / 1630 mm
- Overall height: 30.71" / 780 mm

Maximum capacity : 164' / 50 m of Mobi-Mat width 5' / 1.53 m.

Deployment or recovery : approx. 2 minutes

People needed for deployment/recovery : advisable 2 persons (minimum 1)

100% of the parts are resistant to corrosion

### LIMITS

Operating temperature range: - 40°C à + 80°C

## Kit description # 220 464

Kit N°	Pdt N°	Article N°	Marker	Description	Qty
220 464	Mobi Roll'N'Stow™ Kit				
	216831	Mobi-Roll'N Stow™ frame			
		222720	A	Side spar tube	2
		222721	B	Side tube	4
		222722	C	Side reinforcement tube	2
		222723	D	Central axle tube	1
		222724	E	Cross tube	2
		222725	F	Bracket	1
		222726	G	Bent section	1
		222727	R2	T-fitting	4
		222728	R4	135 ° T-fitting	4
		222729	R1	90 ° elbow fitting	2
		222730	R3	45 ° elbow fitting	4
		222731	H	Central axle inner wheel	2
		222732	I	Clip	8
		222733	J	Handle	2
		222734	K	Tools case	1
		222735	P	Side mat guide	2



### Kit description # 220 464 (after)

N° kit	N° pdt	N° article	Repère	Désignation	Qté
	216832	Mat accessories			
		168314	N	X-connector	1
		222736	M	Fastening strap	2
		222737	L	Mini I-connector	2
	216833	Tools			
		222738	T	5mm Allen key	2
		222739	-	Mouting instructions	1
		222740	-	Instructions for use	1
	216834	Spares			
		222741	S	Binding screw	6
		222732	I	clip	4
		222742	O	cord	1
	216835	Rolling wheel			
		222727	R2	T-fitting	2
		222743	Q	Outside wheel	2
		222744	U	Outside axle tube	2
		222745	V	Tube end tip	2
		222732	I	clip	2



Always observe the safety precautions listed in this notice

Always make sure that nobody stands within the area during deployment/recovery process

Never use the Mobi-Roll'N Stow™ to transport other materiel than Mobi-Mat®

Never use Mobi-Roll'N Stow™ to transport persons

After a long sun exposure, metallic parts might cause burns in case of skin contact

Never roll more than 164' / 50 m of Mobi-Mat® on Mobi-Roll'N Stow™

Never roll mats wider than the designed width of Mobi-Roll'N Stow™

Mobi-Roll'N Stow™ does not comply with road regulation. It is not to be used on public roads.

Never use Mobi-Roll'N Stow™ if you notice a missing part (screw, clip,...)

For maintenance operations, use only the Mobi-Roll'N Stow™ Spare Parts described on page 3 and 4.



# 1. Instructions for use of Mobi-Roll'N Stow

## a. Preliminary information

### a-1. Moving the Mobi-Roll'N Stow™ to the deployment area

**Reminder:** Mobi-roll'N Stow™ does not comply with road regulation. It is not to be used on public roads.

#### Moving the empty Mobi-Roll'N Stow™

Move the Mobi-Roll'N Stow™ to the recovery site, making sure the safety rules are applied. (see safety rules)

#### Moving the Mobi-Roll'N Stow™ with mat

Position the Mobi-Roll'N Stow™ according to the chosen deployment mode.

### a-2. Ground preparation :

Before installing Mobi-Mat® pathway, avoid disturbing the ground with vehicles. Also avoid laying Mobi-Mat® on very uneven ground.

Determine where and in which direction the Mobi-Mat® pathway will be laid.

Make sure the surface is long enough to deploy the mat completely, with a space for anchoring at each end.

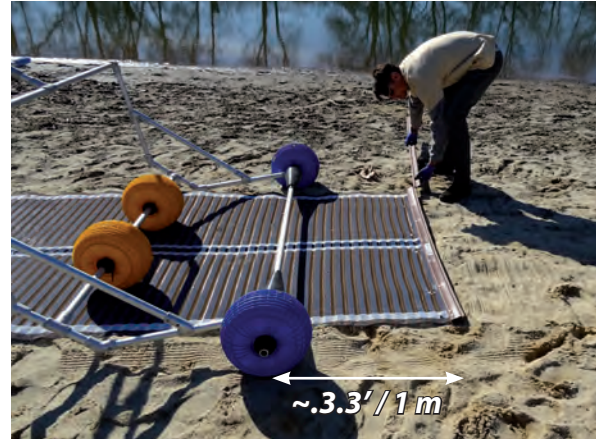
If possible, when there is a slope, unroll in downhill direction.

Make sure no one stand in the path of the deployment and remove obstacles which might hinder the deployment or damage the mat.



## b. Recovery of a Mobi-Mat® pathway with the Mobi-Roll'N Stow™

Place the Mobi-Roll'N Stow™ on the mat about 3.3' / 1m from the loose end.



Fold the mat towards the inner wheels of the Mobi-Roll'N Stow™ passing over the tube of the outer wheels.



If there is no X-connector on the mat, use the one provided in the kit.

Slide the X-connector on one side for inserting the mini I-connector into it.





Proceed in the same way on the other side.



Position the X-connector, connected to the connector, on the inner winding wheels.



Start the winding of the mat by pulling it.  
It is better to raise the Mobi-Roll'N Stow™ in raising the outer rolling wheels slightly.  
By tilting the handle of the Mobi-Roll'N Stow™ towards the ground, the winding is facilitated and the guide of the Mobi-Mat® pathway between the two lateral guides is better optimized.





Make sure to stay in the axis by backing up with the help of the central band of the mat.



Once the mat is rolled up, move back so that the end of the mat is on top.  
Position the straps on the floor and bring over the Mobi-Roll'N Stow™ with its mat.



Strap the mat with the two straps.  
The two straps must be positioned at a constant space spread over the length of the mat.





### c. Deployment of the Mobi-Mat® pathway

#### Deployment in pull mode:

Position the mat in the direction of deployment.

Remove the carrying straps that hold the mat.



Anchor the mat in the ground.



Deploy the mat by pulling the Mobi-Roll'N Stow™ in trolley mode



Stop when the connecting bar is at the top of the inner wheels.  
Remove the connections following the procedure page 7.  
Finish installation by anchoring the mat in the ground.





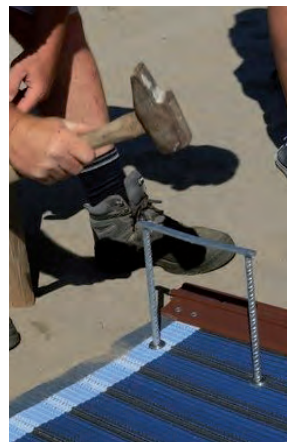
Deployment in push mode:

Position the mat in the direction of deployment.

Remove the carrying straps that hold the mat.



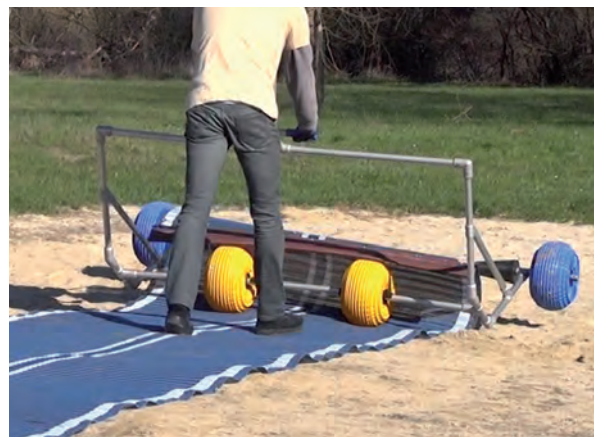
Anchor the mat in the ground.



Push the Mobi-Roll'N Stow™ to unroll the mat.



Stop when the connecting bar is at the top of the inner wheels.  
Remove the connections following the procedure page 7.  
Finish installation by anchoring the mat in the ground.





## 2. Maintenance and cleaning

After use, we advise to clean the Mobi-Roll'N Stow™ with fresh water. Regular cleaning will enable the stainless steel to keep its initial appearance.

Check all tightening screws after 10 uses.

## 3. Transport

Mobi-Roll'N Stow™ does not comply with road regulation. It is not designed to be used on public roads. It must be transported in an appropriate vehicle or trailer over public roads.

Make sure Mobi-Roll'N Stow™ is well secured when transported by truck or trailer over public roads.

## 4. Storage

Before storing Mobi-Roll'N Stow™ for a long period, make sure you have performed the basic regular maintenance (see chapter maintenance and cleaning)

Do not store Mobi-Roll'N Stow™ under heavy loads.



## 5. Maintenance

### Replacement of wheel cords



Insert the cord into one of the holes of the hub.



Make a knot.



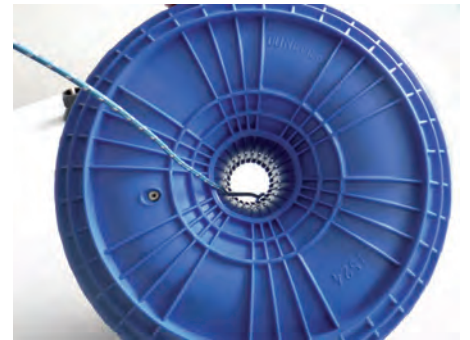
Pull the cord to press the knot against the hub.



Pass the cord in the opposite direction through the other hole of the hub.



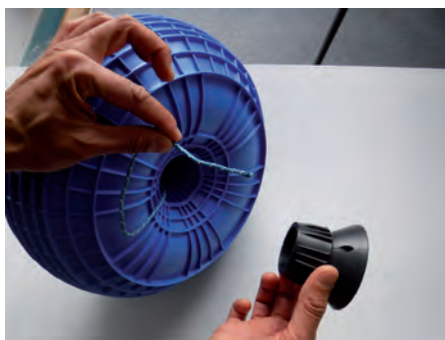
Check the cord does not block the hub axis.



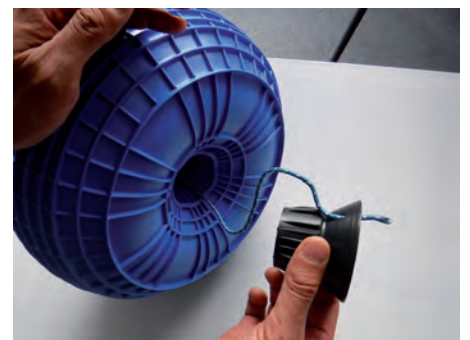
Pass the cord through the wheel axis.



Insert the hub to the stop into the wheel axis, checking that the cord does not block the axis.



Take the cord at the other end of the axis and position the second hub.



Insert the cord into one of the holes of the hub.

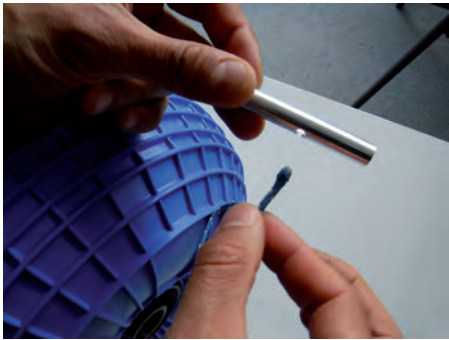




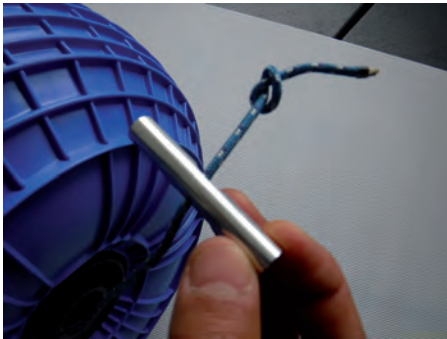
Insert the hub into the wheel axis by pulling the cord.



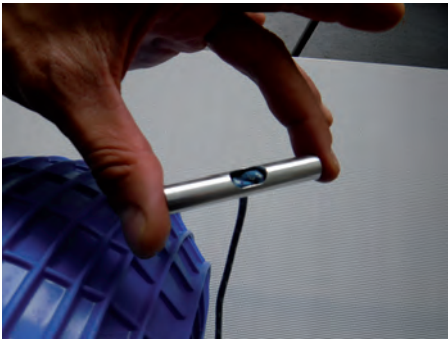
Check the hub is properly inserted to the stop and the cord does not block the axis.



Insert the cord into the hole of the connection part.



Make a knot.



Pull the cord until the knot fits into the housing of the connection part.



Check the equipped wheel is correctly assembled :  
 - hub in position inside the wheel axis,  
 - cord positioned and knots fastened.

## 6. Possible problems encountered

### Mounting

Possible problem	Possible cause	Solution
The sides do not fit	90 ° elbow and inverted T	Check the Mobi-Roll'N Stow™ assembly manual  #222739
The mini I-connectors attached to the wheels of the axle are not the same length	Cord tangled in the hub of the wheel	
The cheek reinforcement do not fit	The upright tubes are not mounted in the right direction, the holes are misdirected	
The handle is in the wrong way	The T-fitting of the handle is misaligned with the holes in the cross-bar	



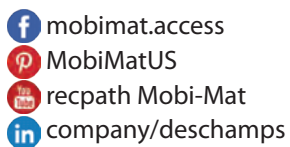
## At use

Possible problem	Possible cause	Solution
The mat does not deploy	The roll belts are still fastened	Remove the roll belts
	The mats is blocked (Mobi-Roll'N Stow™ is under the mat)	Lift the Mobi-roll 'N Stow and place it about 6.5' / 2m backwards on the mat. While one operator maintains the deployed mat, the other operator unrolls what remains of the mat going backwards. <b>When deployment is finished, free the mat and correct its position by hand.</b>
The mat is not long enough		Recover the mat and shift the end to gain the missing length.
		Deploy the mat completely, free the mat from Mobi-Roll'N Stow™ . Pull the mat after checking that it is not anchored to the ground.
The mat does not roll up during the first round	Mat threshold bar prevents winding	Push the Mobi-Roll'N Stow™ by lowering its handle to the floor
	The X-connector is badly reintroduced in the C profile of the mat (it is not aligned).	Put the X-connector in alignment with the C profile. Reposition the mini I-connector in the X-connector.
	One of the mini I-connector parts has not been positioned.	Position the Mobi-Roll'N Stow™ at a distance of about 1m before the end of the mat, then perform the dead turn by bringing the mat over the cross bar up to the inside wheels to make the connection with the mini I-connector.
	The mat was not correctly positioned	The Mobi-Roll'N Stow™ is not centered on the mat





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