

**PORTAMIX™**



**MIXING WITH THE BEST**



# **THE ULTIMATE TRANSPORT CART**

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**OPERATING & SAFETY  
INSTRUCTIONS**



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### Operating & Safety Instructions

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# PORTAMIX™

FULL-YEAR  
WARRANTY

2

## WARRANTY REGISTRATION

REGISTER NOW

**THANK YOU FOR JOINING  
THE PORTAMIX FAMILY!**

### WHAT A GREAT CHOICE!

A couple of minutes and you're done! Register your products with Portamix for a Full 2-Year Warranty

We know that you will be benefiting from increased productivity and improved everyday work life like the 100's of other Portamix family members.

When adding a new member to your family you take care of them, just as you will want to take care of your Portamix Pelican. When reliability and peace of mind matter to you, quality and trust matter to us, so we offer a premium after-sale service on all Portamix products.



SCAN HERE


















**CONGRATULATIONS!**

**YOU HAVE PURCHASED THE VERY  
BEST MIXING STATION ON THE MARKET.**



## IMPORTANT SAFETY INSTRUCTIONS

The Portamix Pelican is a mixer and transport cart for mixing and transporting construction coating materials.

-  **DANGER—EXPLOSION**  
Do not use electric motor if explosive or flammable fumes are present or are caused by mixing action. A compressed air powered motor should be used and adequate ventilation provided.
-  **DANGER—EXPLOSION**  
Some dusts including food and wood dusts are potentially explosive or flammable. Discuss this possibility with the material supplier. Ensure that if required, an appropriately certified dust extraction device is connected to the mixer.
-  Some products may give off harmful fumes when being mixed. Ensure adequate ventilation is provided. Accurately follow the safety instructions of the material supplier.
-  **DANGER—SAFETY**  
Do not use for transporting humans, animals or anything likely to be injured or damaged.
-  **DANGER—SAFETY**  
When using the Pelican for mixing, DO NOT put hands or foreign objects into the canister whilst in operation or serious injury may result. Keep hands and other articles well clear of the mixing shaft and canister when mixing.
-  **DANGER—SAFETY**  
Do not operate the mixer on unstable, sloping or insecure surfaces.
-  **DANGER—SAFETY**  
Do not operate the mixer or cart on scaffolding or elevated platforms.
-  When a mixer motor is attached to the Pelican, ensure the motor is correctly and securely clamped in the motor mount and the motor mount is correctly fitted into the Pelican frame.
-  **DO NOT TOUCH ROTATING PARTS**
-  During use, the user must wear goggles, ear protectors and protective gloves.
-  Ensure the 2 casters with brakes are locked on while loading the mixing canister and during mixing operation.
-  Avoid distractions and keep focused while working. Keep the working area tidy and avoid hazardous situations.
-  The manufacturer shall not be in any way liable for any injury, damage or motor failure if the mixing unit is used for purposes or products for which it was not designed, or if safety and operational instructions have not been followed.
-  No liability for the operation or service life of motors not supplied by the manufacturer is accepted.
-  The use of the mixing unit does not guarantee the performance of materials mixed.



## In order to protect the user, take the following precautions:



**Wear ear protection**



**Wear goggles**



**Wear protective gloves**

To provide protection against harmful dust within the area of the machine it is recommended that you connect an vacuum cleaner to the canister vacuum port or wear a dust mask.



**DO NOT** put hands or foreign objects into the canister whilst in operation or serious injury may result. Keep hands and other articles well clear of the mixing shaft and canister when mixing.



**DO NOT** operate the mixer on an unstable or insecure surface



**DO NOT** operate the mixer on a sloping surface or on scaffolding

The Portamix Pelican is a rotary mixing device. Operators must ensure that any loose clothing and long hair is firmly tied back. Keep well clear of mixing shafts whilst in operation.

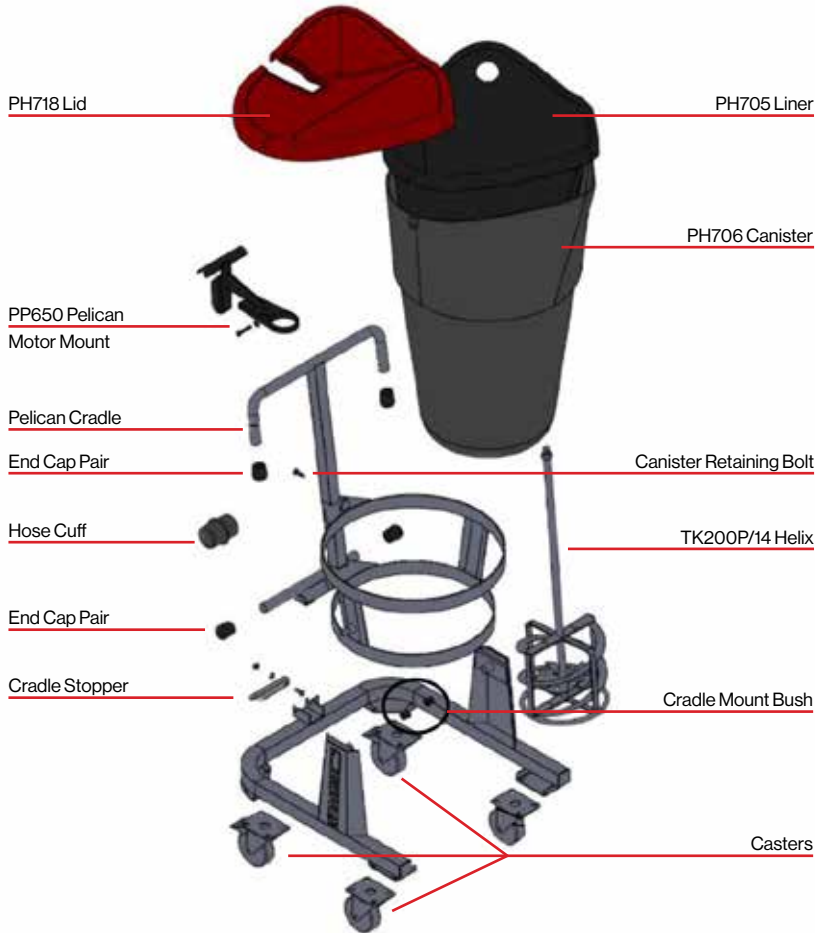
## MIXING MOTOR SPECIFICATIONS

Order Code	PMP80	PMP80DC
Motor Model	NA	EM182R (not included)
Cannister	PH706	PH706
Cannister Lid	NA	PH718
Liner	NA	PH705
Mixing Paddle	NA	TM180
Bowl Capacity	85 litres / 160kg	
Weight	34kg	41kg
Dimensions	610W x 795D x 960H	
Watts		1300
RPM		170-340
Volts		110-230

**DANGER—SAFETY:** Keep hands and other objects well clear of the mixing shaft and canister when mixer is in operation or serious injury could result.

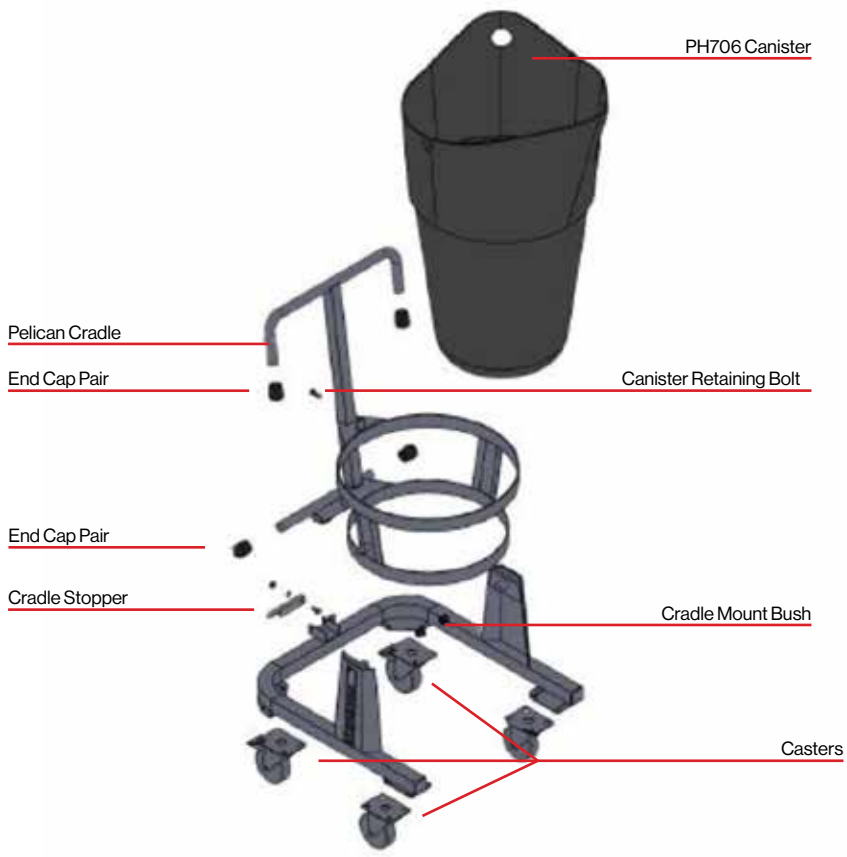
# PMP80DC

## EXPLODED DIAGRAM



# PMP80

## EXPLODED DIAGRAM





## MIXING MOTOR SPECIFICATIONS

- Before starting the machine check the correspondence between voltage and frequency according to the data mentioned on the identification plate. Voltage differences from +6% and -10 % are allowed.
- The motor is made in protection class II.
- Only use extension cables with a sufficient cross-section. A cross-section which is too small could lead to an excessive power loss and to an overheating of motor and cable.

## Recommended minimum cross sections and maximum cable lengths

Mains voltage	10m cable	30m cable
110V	1.5mm*	2.5mm*
230V	1.5mm*	2.5mm*

\*Cross section in sq. mm

## SWITCHING ON AND OFF

### Switching on:

- Plug motor into the power source
- Set the in line circuit breaker
- Press the on/off switch on motor

### Switching off:

- Release the on/off switch
- This will trip the inline circuit breaker eliminating accidental start-up

## CHANGING GEARS

The machine is equipped with a mechanical two-speed gearbox. Select the required speed by pressing-in, shifting and engaging. The position of the lower speed is

in direction of the working spindle. Change the speed only when the machine is not running, and support the speed-changing by slightly rotating the work spindle.

### Attention:

- Never apply force when changing gear.
- Change the gear only when the motor is stopped.
- Never use tools, such as hammers or pliers to change the gear.

Speed	Unloaded	Loaded
One	220RPM	12RPM
Two	670RPM	410RPM

**DANGER—SAFETY:** Keep hands and other objects well clear of the mixing shaft and canister when mixer is in operation or serious injury could result.



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