

 **renova**
WE NEVER LOSE CONTROL



 **moviroll**
 **movicart**

ROLL PUSHERS & CART MOVERS



moviroll movicart

More productivity, higher safety level

Moviroll roll pushers and Movicart cart movers improve the productivity and increase the safety level as they allow the operator to effortlessly and safely maneuver both large and small cylindrical loads as well as carts. Moviroll and Movicart reduce risks for the operator according to the Technical Standards ISO 11228 “Ergonomics Manual handling”.

They are ideal to move paper and tissue rolls, wire and cable reels and drums as well as vehicles and carts, but they are also used to move loads in several other industrial applications.

A wide range of pneumatically and battery operated models plus a variety of optionals and accessories are available, all of them designed, manufactured and assembled on site at Renova. For this reason we are able to quickly work on customized projects at competitive prices.

Send us your application requirements and we will work with you to find the model that suits your needs.

Click on the “play” icons in this catalog and see demonstration videos!



A man in a dark vest and blue jeans is using a long-handled, battery-powered tool on a large, orange, spoked cable reel. The reel is labeled "STAB QUATTORDIO" in white text. The background shows other similar reels and a white wall. The scene is set in an industrial or warehouse environment.

BATTERY DRIVEN MODELS

LITHIUM BATTERY

We have always equipped our battery driven models with the highest quality lithium batteries. By this, we have been able to provide the highest performance systems with the longest running time respecting the environment and safeguarding the health of the operator. We offer different designs and voltage according to the Moviroll or Movicart model.



LONG LASTING CHARGE

60-120 loads handling with only one battery charge (3-5 working shifts)

RAPID BATTERY RECHARGE

max 4 hours required for full recharge

LONG LIFE BATTERY

about 500 recharges

2 YEAR BATTERY WARRANTY



Battery charger provided

PLUG & PLAY

Quick battery changes in less than 10 seconds.



ECO-FRIENDLY

Completely free of any polluting substance, safe for the operator and the environment



BATTERY ROLL PUSHERS

Battery roll pushers offer the advantage of free movement without the constraints of the pneumatic connections or electrical cables.

They are equipped with 24 V DC IP 44 or 48 V DC IP 44 brushless motor powered by high performance and plug&play 24 V or 48 V lithium battery.

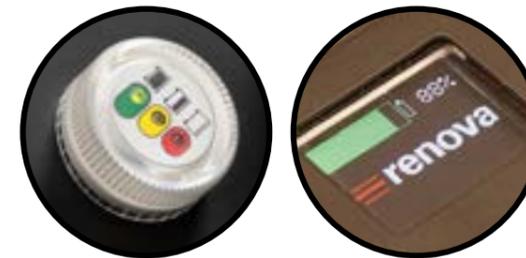
VARIABLE SPEED

to suit any operator needs



FORWARD AND REVERSE GEAR

two separated and intuitive buttons shielded from dirt, dust and water



CHARGE STATUS INDICATOR

to easily see when the battery needs to be recharged



ON/OFF SWITCH

it preserves the battery charge without the need of removing the battery from the system



CUT FRAMES

for an easy removal of the roller and roller bearings

OVERSIZED WHEELS

to easily overcome any obstacles along the way

MRE L

MRE L is equipped with a TILTING HANDLE: when the working space is limited, the operator can work alongside the load needing only to turn the handle and “pull” the load instead of thrusting it.

model	thrust force	max rolls diameter	motor	battery	max speed	unit weight
MRE 100 L	15000 kg	4500 mm	24 V DC IP 44	lithium 24 V	5 m/min	36 kg
MRE 200 L	20000 kg	4500 mm	24 V DC IP 44	lithium 24 V	4 m/min	36 kg
MRE 300 L	30000 kg	4500 mm	24 V DC IP 44	lithium 24 V	2,5 m/min	36 kg
MRE 500 L	50000 kg	6000 mm	24 V DC IP 44	lithium 24 V	3,5 m/min	50 kg
MRE 1000 L	100000 kg	all diameters	24 V DC IP 44	lithium 24 V	3,2 m/min	60 kg

MRE XS L

SUPER COMPACT DESIGN

MRE XS L is compact and handy but heavy duty at the same time. The handle can be mounted at two heights from the ground, 850 or 920 mm.

model	thrust force	max rolls diameter	motor	battery	max speed	unit weight
MRE 100 XS L	30000 kg	2900 mm	48 V DC IP 44 brushless	lithium 48 V	8 m/min	30 kg
MRE 200 XS L	35000 kg	2900 mm	48 V DC IP 44 brushless	lithium 48 V	6 m/min	30 kg
MRE 300 XS L	40000 kg	2900 mm	48 V DC IP 44 brushless	lithium 48 V	4 m/min	30 kg



BATTERY CART MOVERS

Movicart is a compact and handy system designed to safely push or pull your existing carts (both on wheels or rails) without additional effort from the operator, quickly engaging up to 5000 kg thrust force.



ON/OFF SWITCH

to preserve the battery charge

UP/DOWN BUTTONS

cart gripper raising and lowering controls

MAX SPEED ADJUSTMENT

to suit any operator needs

FORWARD AND REVERSE GEAR

EMERGENCY STOP BELLY BUTTON

as a safety precaution, Movicart will reverse direction from backing up to forward if the button hits the operator

BATTERY STATUS LEDS

easily see when the battery needs to be recharged

LIFTER

place the Movicart under the cart and then smoothly hook it at the right height

OMNIDIRECTIONAL WHEELS

effortlessly change cart direction

MCE

MOVICART is designed to effortlessly move any cart, on wheels or on rails. Thanks to its various configurations, it can move carts of different sizes, heights and weights.

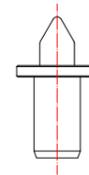
model	thrust force	motor	battery	max speed	unit weight
MCE 400	400 kg	24 V DC IP 44 brushless	lithium 24 V	30 m/min	38 kg
MCE 400 E	1500 kg	24 V DC IP 44 brushless	lithium 24 V	30 m/min	38 kg
MCE 500	5000 kg	24 V DC IP 44 brushless	lithium 24 V	10 m/min	43 kg

CONFIGURATIONS

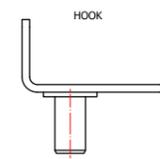


CART GRIPPERS

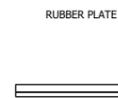
MCEP0102



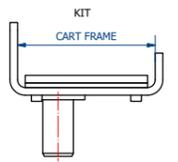
A



B



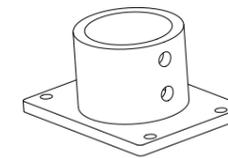
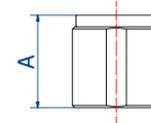
C



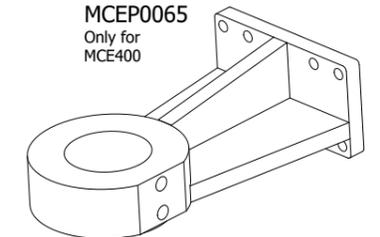
cart frame (mm)	A	B	C
30 - 50	MCEP0068	MCEP0077	MCEP0087
50 - 80	MCEP0070	MCEP0080	MCEP0088
80 - 120	MCEP0072	MCEP0083	MCEP0089
120 - 150	MCEP0074	MCEP0086	MCEP0090

BUSHINGS

MCEP0016



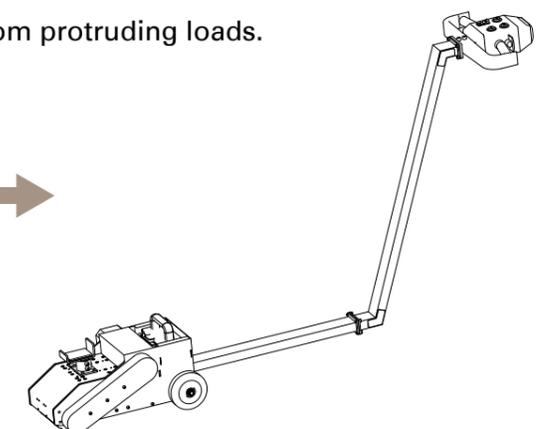
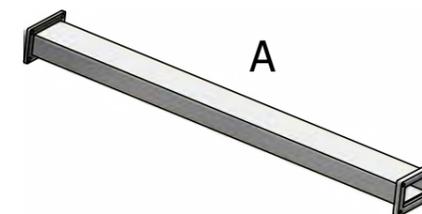
MCEP0065
Only for
MCE400



A (mm)	40	75	110	145	180	215
code	MCEP0096	MCEP0097	MCEP0098	MCEP0099	MCEP0100	MCEP0101

HANDLE EXTENSION

Handle extension available to space out from protruding loads.



A (mm)	610
code	MCEP0104

A large wooden cable reel is the central focus, positioned in a factory or warehouse. The reel is made of light-colored wood and has several circular ports and a central square opening. The text "Prysmian Group" is visible on the reel's surface. In the foreground, a coiled orange pneumatic hose is connected to a small black and blue pallet jack. The background shows other similar reels stacked on pallets. The image has a dark, semi-transparent overlay on the right side.

PNEUMATIC DRIVEN MODELS

PNEUMATIC ROLL PUSHERS

Pneumatic roll pushers use the power of a high quality pneumatic gear motor powered by pressurized and lubricated air at 6 bar. Pneumatic models are designed to offer the highest performances and to keep them unchanged over time.

All pneumatic models are available with straight handle or curved handle "S".

SAFE ACTIVATION OF ROLLERS

only when the load is applied

POWERFUL MOTOR

STURDY DESIGN

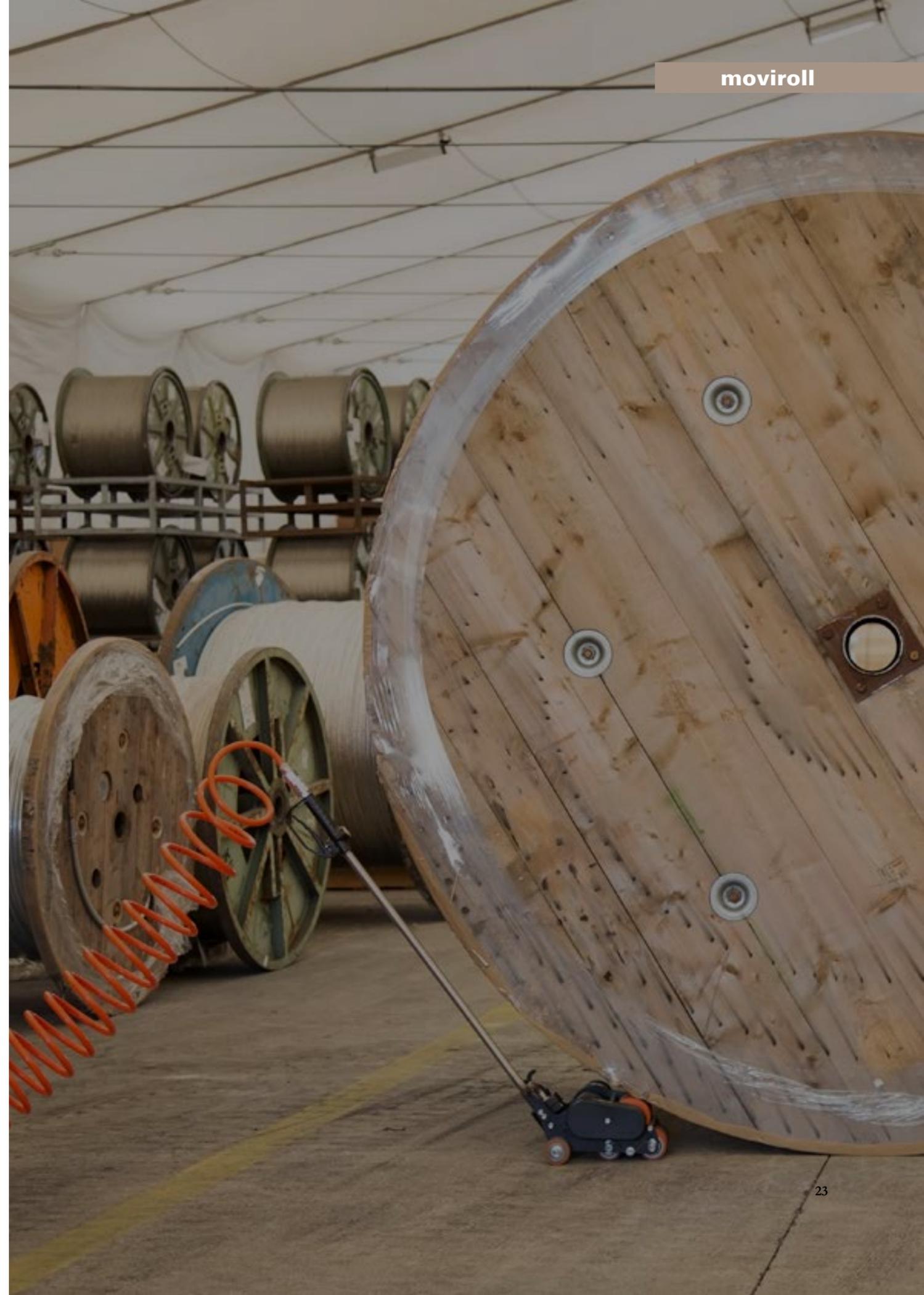
compact, handy and heavy duty

MR L



MR L is dedicated to the wire & cable industry. The engine has the same power as MR, but it's been designed with reduced and controlled speed to ensure the operator safety in handling even the largest and heaviest drums.

model	thrust force	max rolls diameter	max speed	air pressure	air consumption	unit weight
MR100 L	20000 kg	2600 mm	15 m/min	6-7 bar	28 l/sec	24 kg
MR100 SL	20000 kg	3100 mm	15 m/min	6-7 bar	28 l/sec	24 kg
MR200 L	30000 kg	2600 mm	13 m/min	6-7 bar	40 l/sec	24 kg
MR200 SL	30000 kg	3100 mm	13 m/min	6-7 bar	40 l/sec	24 kg



OPTIONS AND ACCESSORIES

REEL TURNER

Ideal for rotating or reorienting flanged reels (as wire and cable reels) up to 8000 kg.

CODE: RTS8000



SAFETY STOP WEDGE

Used as a safety precaution to prevent large rolls from rolling beyond their intended travel.

CODE: WSS8000



AIR SUPPLY KIT

Only for pneumatic roll pushers. It is inclusive of:

- spiral pipe
- lubricator filter
- pipe fitting

CODE: MVRK001





**PRODUCT
SELECTION**

QUESTIONNAIRE

 Please fill out the questionnaire, take a picture and send it via email to info@renova-srl.com

CUSTOMER

complete name

position

company

plant

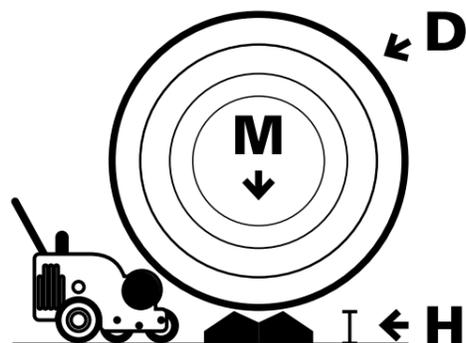
country

tel

email

model	quantity
<input type="checkbox"/> moviroll MRE XS L compact roll pusher	<input type="text"/>
<input type="checkbox"/> moviroll MRE L battery roll pusher	<input type="text"/>
<input type="checkbox"/> moviroll MR L pneumatic roll pusher	<input type="text"/>
<input type="checkbox"/> reel turner ancillary equipment	<input type="text"/>
<input type="checkbox"/> safety stop wedge ancillary equipment	<input type="text"/>

PLEASE PROVIDE THE FOLLOWING INFORMATION



D
reel/drum diameter
min. mm max. mm

M
reel/drum weight
max. weight with min. diameter kg
max. weight with max. diameter kg

H
step height (if any)
 mm

reel/drum material

wood

steel

other
please specify

voltage for battery charger

110 V (3-pin plug)

220 V (schuko plug)

date

QUESTIONNAIRE

 Please fill out the questionnaire, take a picture and send it via email to info@renova-srl.com

CUSTOMER

complete name

position

company

plant

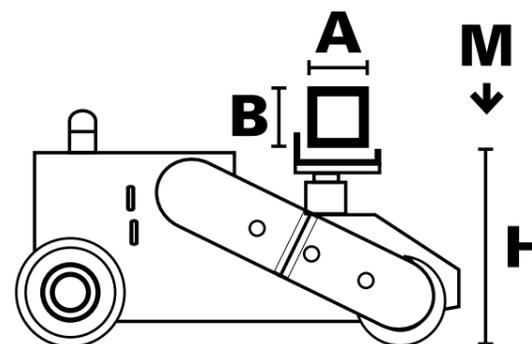
country

tel

email

model	quantity
<input type="checkbox"/> movicart MCE 400 battery cart mover	<input type="text"/>
<input type="checkbox"/> movicart MCE 400 E battery cart mover	<input type="text"/>
<input type="checkbox"/> movicart MCE 500 battery cart mover	<input type="text"/>

PLEASE PROVIDE THE FOLLOWING INFORMATION



A	B		
cart frame	cart frame		
mm	mm		
H cart frame height from floor			
min.	mm		
M cart weight			
min.	kg	max.	kg

binding condition for a proper use of movicart

absence of step on the floor

cart equipped with 2 fixed wheels and 2 pivoting wheels

voltage for battery charger

110 V (3-pin plug)

220 V (schuko plug)

date



MADE IN ITALY
Our products are 100% designed and made in Italy



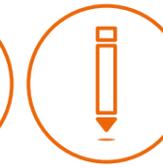
INNOVATION
We provide solutions that increase productivity and safety levels while reducing maintenance costs and procedures



SUPPORT
Our staff is always available to answer your questions, also in the after-sales phase



QUALITY
All Renova's products are managed by TUV ISO 9001



CUSTOM PROJECTS
Projects large or small, we work with you to provide the solution that fits



SUSTAINABILITY
Sustainable products, sustainable company. Renova has joined Erion



renova
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