



movicart

CART MOVERS & TOW TUGS

Movicart cart movers and tugs improve the productivity and increase the safety level as they allow the operator to effortlessly and safely maneuver carts and wheeled loads. Movicart series reduces risks for the operator according to the Technical Standards ISO 11228 "Ergonomics Manual handling".

They are ideal to push and pull carts and wheeled loads in many diverse industrial applications.

A wide range of battery operated models plus a variety of 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!



LITHIUM BATTERY

We provide high performance systems with the longest running time respecting the environment and safeguarding the health of the operator.



PLUG & PLAY

Quick battery changes in less than 10''



ECO-FRIENDLY

Battery charger provided



DURABLE CHARGE

Up to 35 working hours with one battery charge



RAPID RECHARGE

Maximum 4 hours required for a full recharge



LONG LIFE SPAN

Battery life span about 500 recharges

Battery series

48 V



24 V



2 YEAR WARRANTY

Applied to the battery and to the device

BATTERY CART MOVERS

Movicart MCE are compact and handy systems designed to safely push or pull existing carts (both on wheels or rails) without efforts of the operator, quickly engaging up to 5000 kg thrust force.

OMNIDIRECTIONAL WHEELS

effortlessly change
cart direction

LIFTER

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

BATTERY STATUS LEDs

indicate when the battery needs to
be recharged

ON/OFF SWITCH

to preserve the
battery charge

UP/DOWN BUTTONS

cart gripper
raising &
lowering
controls

FORWARD AND REVERSE GEAR

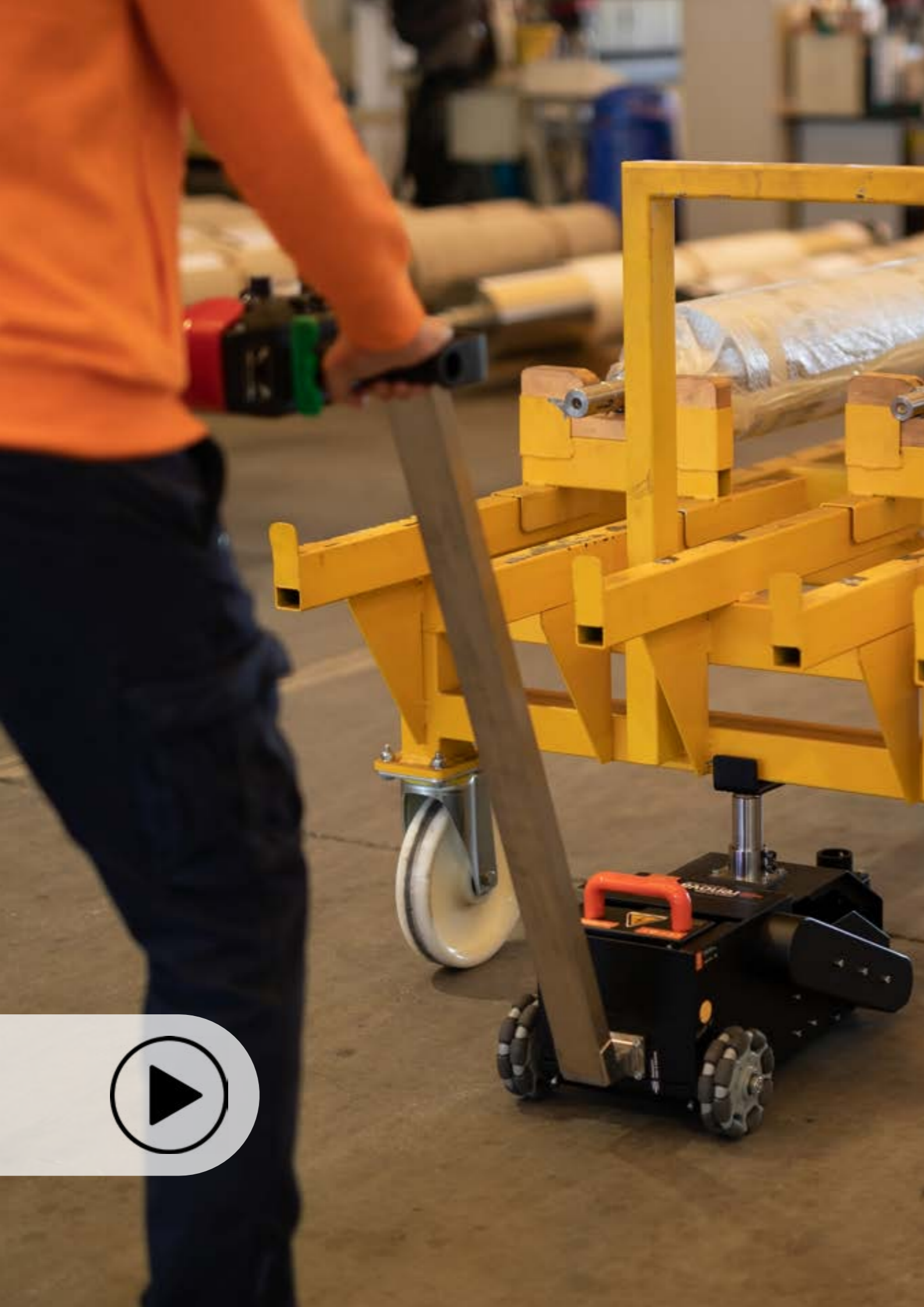
EMERGENCY STOP BELLY BUTTON

as a safety precaution, Movicart
reverses direction if the button hits
the operator

MAX SPEED ADJUSTMENT

to suit any operator
needs





MCE

BATTERY CART MOVERS

MCE is designed to effortlessly push or pull existing carts, on wheels or on rails. Thanks to various configurations, it can move carts of different sizes, heights and weights.



MCE400E



MCE500



MCE400

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

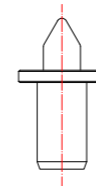


CONFIGURATIONS

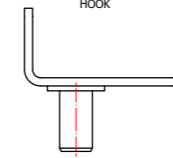


CART GRIPPERS

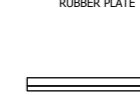
MCEP0102



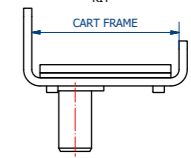
A
HOOK



B
RUBBER PLATE



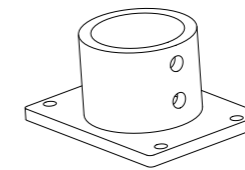
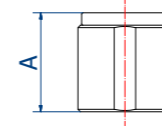
C
KIT
CART FRAME



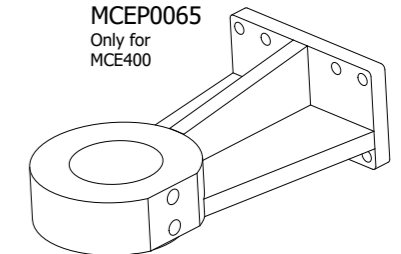
cart frame (mm)	A	B	C
30 - 50	MCEP0068	MCEP0077	MCEP0087
50 - 80	MCEP0070	MCEP0080	MCEP0088
80 - 120	MCEP0072	MCEP0083	MCEP0089
120 - 150	MCEP0074	MCEP0086	MCEP0090

BUSHINGS

MCEP0016



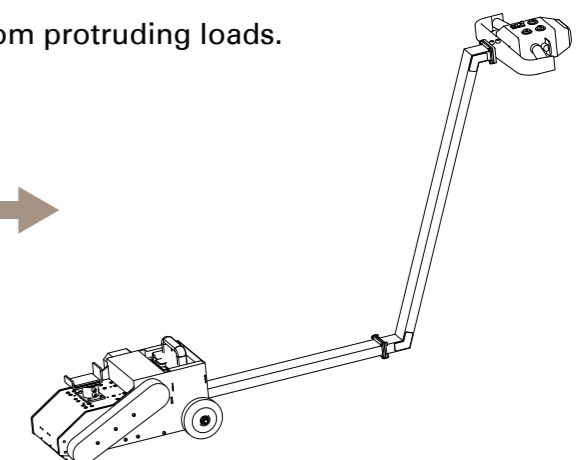
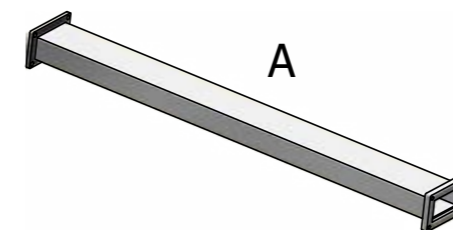
MCEP0065
Only for
MCE400



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

ELECTRIC TUGS

Movicart MTE are heavy-duty motorized tugs for the easy and safe traction of wheeled loads up to 6 tons. A wide range of accessories are available to adapt to any wheeled load.

EASY CONNECTION

to the load that need to be pulled



BATTERY STATUS LEDs

indicate when the battery needs to be recharged

ON/OFF SWITCH

to preserve the battery charge



FORWARD AND REVERSE GEAR

EMERGENCY STOP BELLY BUTTON

as a safety precaution, Movicart reverses direction if the button hits the operator

MAX SPEED ADJUSTMENT

to suit any operator needs



new

MTE

ELECTRIC TUGS

MCE is designed to effortlessly tow existing carts or wheeled loads. Thanks to its various configurations, it can move carts of different sizes, heights and weights.

OVERSIZED DRIVE WHEELS

Can operate both **indoors** and **outdoors** even on irregular surfaces or non-straight paths and easily overcome any obstacles along the way.



model	thrust force	motor	battery	max speed	unit weight
MTE 1000	1000 kg	24 V DC IP 44 brushless	lithium 24 V	30 m/min	55 kg
MTE 1500	1500 kg	24 V DC IP 44 brushless	lithium 24 V	30 m/min	100 kg
MTE 6000	6000 kg	24 V DC IP 44	lithium 24 V	40 m/min	280-500 kg