

 **renova**
WE NEVER LOSE CONTROL



 **movicart**
CART MOVERS & TOW TUGS



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".

To meet diverse needs, we also offer our MovicaRT models in an entirely stainless steel version, perfect for industries requiring the highest hygiene standards, such as food processing, pharmaceuticals, and healthcare or other environments where hygiene is critical.

Any application is different, that is why all our MovicaRT models are 100% customizable, to fit any application needs.

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



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 charger provided

Battery series

24 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

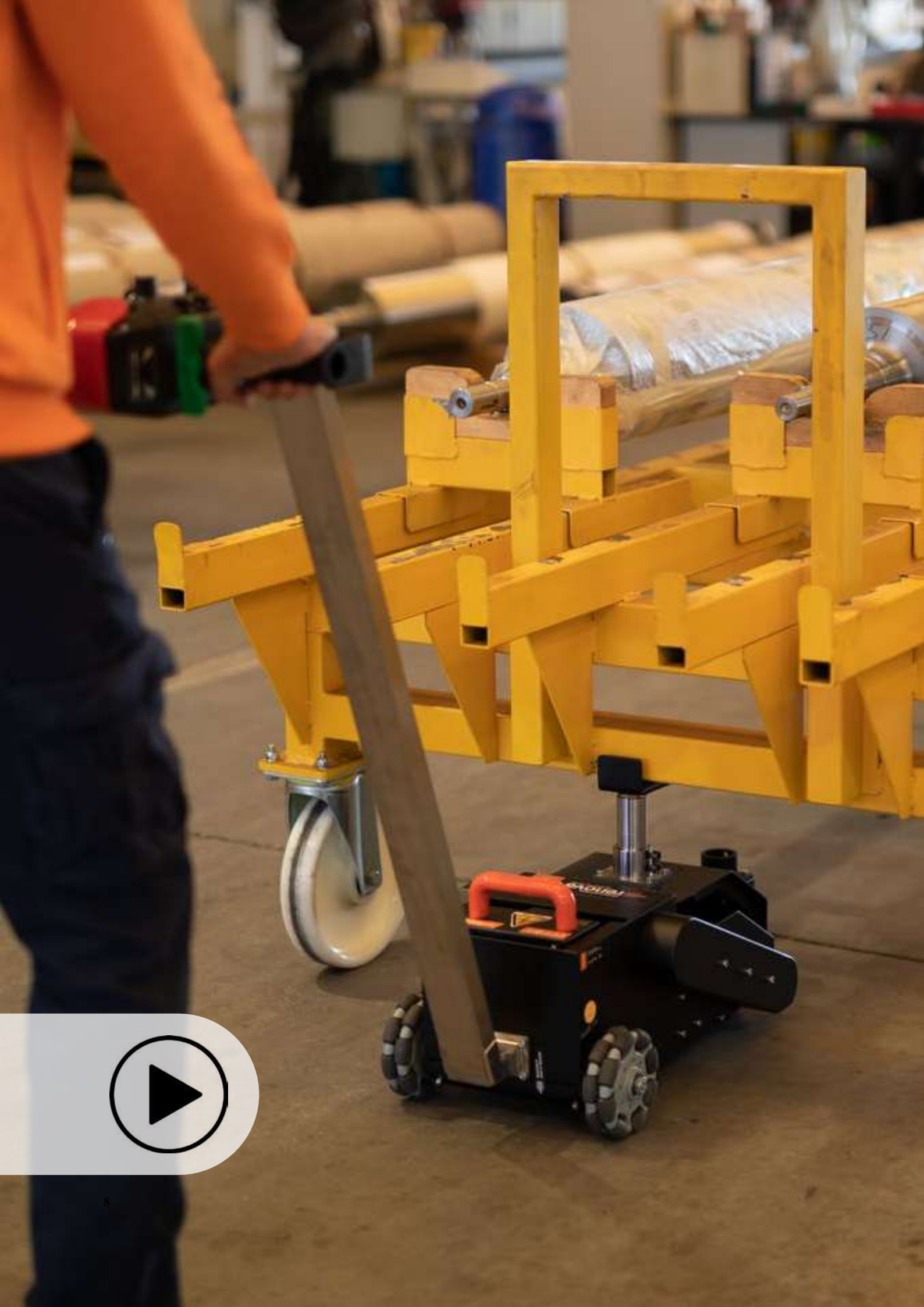
EMERGENCY STOP BELLY BUTTON

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 its 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	litio 24 V	30 m/min	38 kg
MCE 400 E	1.500 kg	24 V DC IP 44 brushless	litio 24 V	30 m/min	38 kg
MCE 500	5.000 kg	24 V DC IP 44 brushless	litio 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

A technical drawing of a small rectangular component. A vertical blue dimension line on the left is labeled 'A'. A red dashed vertical line runs through the center of the component.

A 3D perspective drawing of a cylindrical component with a square base. The base has four mounting holes. The cylinder has two mounting holes on its side.

MCEP0065
Only for
MCE400

A 3D perspective drawing of a complex component. It features a cylindrical part with two mounting holes, connected by a bridge to a rectangular plate with four mounting holes.

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 TOW 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



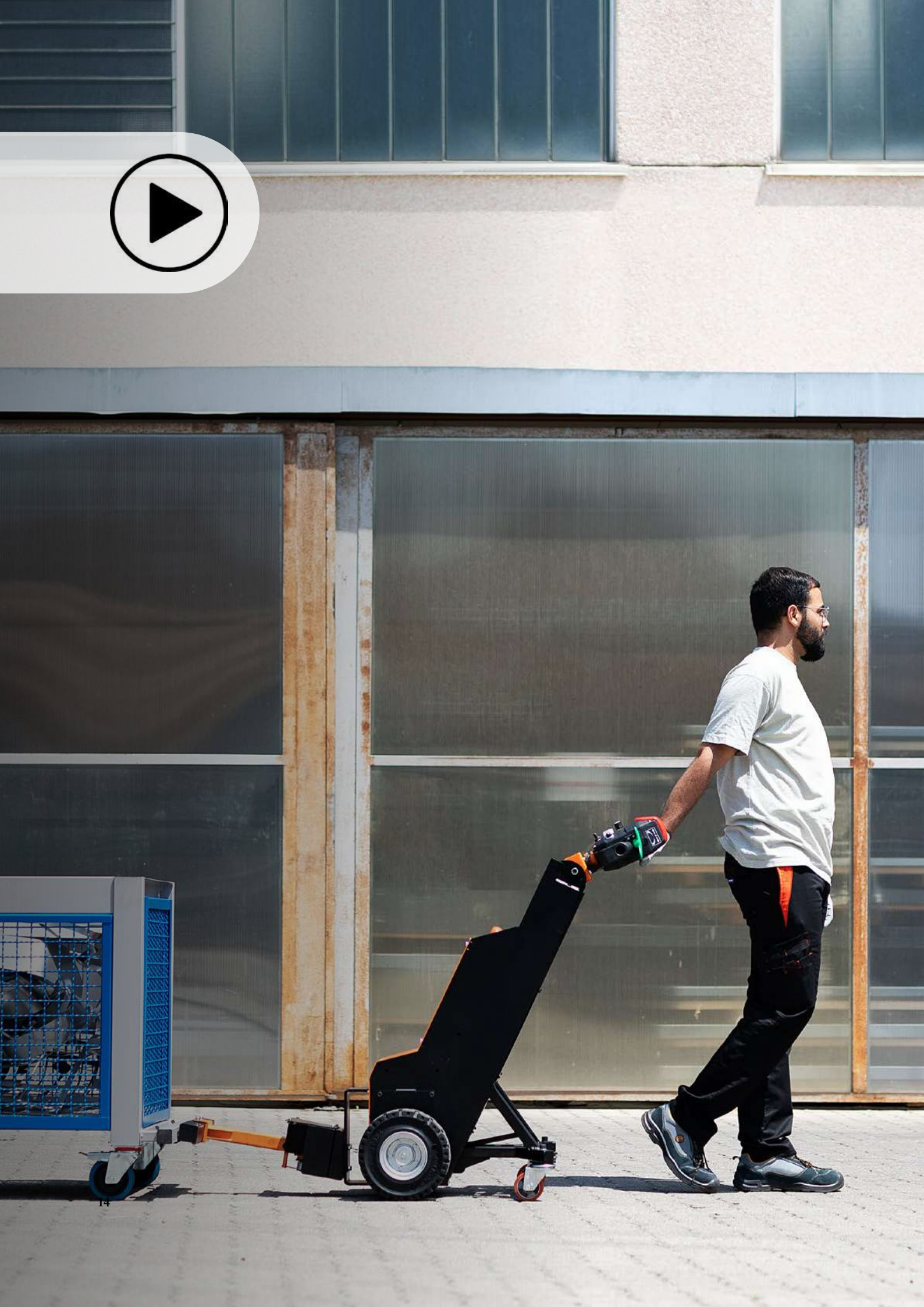
FORWARD AND REVERSE GEAR

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



MTE1000 MTE1500

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	pulling power	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

new

MTE3500

ELECTRIC TUGS

Tug designed to effortlessly move carts or wheeled loads. Thanks to its various configurations, it can move carts of various sizes, heights, and weights.

OVERSIZED DRIVE WHEELS



model	pulling power	motor	battery	max speed	unit weight
MTE 3500	3500 kg	24 V DC IP 44 brushless	lithium 24 V	75 m/min	300 kg

new

MTE6000

ELECTRIC TUGS

Tug designed to effortlessly move carts or wheeled loads. Thanks to its various configurations, it can move carts of various sizes, heights, and weights.

OVERSIZED DRIVE WHEELS



model	pulling power	motor	battery	max speed	unit weight
MTE 6000	6000 kg	24 V DC IP 44	lithium 24 V	75 m/min	370-500 kg

new

MTE6000S

ELECTRIC TUGS

Tug with lifter designed to effortlessly tow carts or wheeled loads. Thanks to its various configurations, it can handle carts of various sizes, heights, and weights.

ELECTRIC HEIGHT ADJUSTMENT LIFT



OVERSIZED DRIVE WHEELS



model	pulling power	lift force	motor	battery	max speed	unit weight
MTE 6000S	6000 kg	300 kg	24 V DC IP 44	litio 24 V	75 m/min	390-520 kg

new

MTE100W

ELECTRIC TUGS

Tug designed to effortlessly pull carts or two-wheeled loads. Thanks to its various configurations, it can handle carts of varying sizes, heights, and weights. Ideal for the textile industry.

CUSTOMIZABLE ATTACHMENT



model	pulling power	lift force	motor	battery	max speed	unit weight
MTE 100W	5000 kg	1850 kg	24 V DC IP 44 brushless	litio 24 V	50 m/min	170 kg



we are here to *support* you

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Click the **Application icon** and send us your application requirements and we will work with you to find the solution that fits your needs.



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APPLICATION





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