

# BATTERY-POWERED MACHINE SKATES

SAFELY POSITION LOADS OF UP TO 50 TON WITH A SINGLE REMOTE OPERATOR



**10, 30 & 50 ton  
Models**

**EMLS, EMV-SERIES**

**ENERPAC** 

▼ EMLSF25, Battery-Powered Machine Skate



- Position loads of up to 50 ton with this self-propelled solution designed specifically for machine movers
- Single user operation allows you to quickly recoup your initial investment, tackling more projects with fewer resources
- Manoeuvre around tight corners, obstacles and even an incline of up to 3% with the agile dual drive motors and 360-degree tilt swivel saddle
- Runs for 3 hours on a single charge, giving you the potential to move loads over 1200 metres without ever switching out the 24V battery
- Up to 4 x faster than manual methods, travelling at up to 8 metres per minute fully loaded
- Remote control keeps your operator safe by eliminating the need to manually push or pull
- Responsive controls allow precise speed adjustment allowing you to adapt to changing conditions
- Consistent and repeatable performance allow you to reliably estimate project costs ahead of time.

▼ EMLSF25



**Spare Wireless Remote Control**

Protect yourself against downtime in the event of loss or damage. Model No.: **EMVPC**.

To charge spare batteries outside

the main unit, you must use **EMV24VPCXCC** charging cable, sold separately.

**Spare Batteries for EMLSF-Series**


Machine Skate	Spare Battery Model Nr	Capacity (A/hr)	Optimal Run Time (hr)
10 ton	<b>EMV24V60</b>	60	3 - 4
30 ton	<b>EMV24V100</b>	100	3 - 4
50 ton	<b>EMV24V100</b>	100	2,5 - 3,5

## DESIGNED FOR INDUSTRIAL MACHINE MOVERS & MILLWRIGHTS



**Transport Storage Case**

Save time mobilizing and storing with this durable steel case. Holds any battery-powered Machine Skate set and its remote control.

Model Number	Dimensions (mm)			 (kg)
	W	H		
<b>EMVTC1 *</b>	1100	1244	455	160
<b>EMVTC2 **</b>	1127	1624	455	203

\* EMVTC1 for 10 and 30 ton models;

\*\* EMVTC2 for 50 ton models.




**External Charger EMV24VPC**

Be prepared for jobs of longer duration with an external charger and extra battery.

Charge time 3 – 4 hours.

Spare battery model numbers shown below, left.


Model Number (115-230 VAC)	Dimensions (mm)			 (kg)
	L	W	H	
<b>EMV24VPC</b>	250	136	160	3,6



**Back-Up Power Supply**

For bigger or complex jobs that may take more time than normal battery life can provide, consider a Back-Up Power Supply. Provides

continuous operation for one battery-powered machine skate.

Model Number (400 VAC)	Dimensions (mm)			 (kg)
	L	W	H	
<b>EMV24VPSW</b>	560	496	198	25

# Battery-Powered Machine Skates



## Battery-Powered Machine Skates

Battery-powered, remote-controlled, heavy-duty machine moving system for clean and even surfaces. Joint transitions not exceeding 5 mm difference in height or 14 mm in width, maximum 3% grade.

All movements are proportional and precisely controlled via two joysticks on the wireless remote control.

Equipped with cut and abrasion-resistant polyurethane traction wheels and high-quality nylon load wheels.

In combination with a properly rated dual follower skate or skate set, (the load capacity of the undercarriage must correspond to the towing capacity of the drive unit) with the same installation height it forms a safe overall system with 3 load points.

**Safety:** Wireless remote control operation keeps operator at safe distance.

**Steering:** Dual motors and simple controls make tight spaces easier to navigate.

**Transport Speed:** Up to 8 m/min improves productivity so saves money compared to manual methods.

## EMLS, EMV Series



Capacity (Set with Dual Follower Skate):

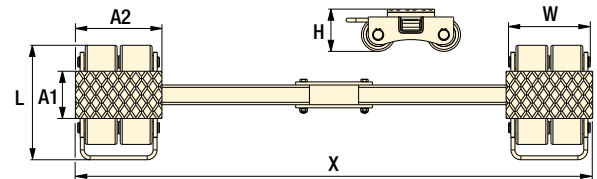
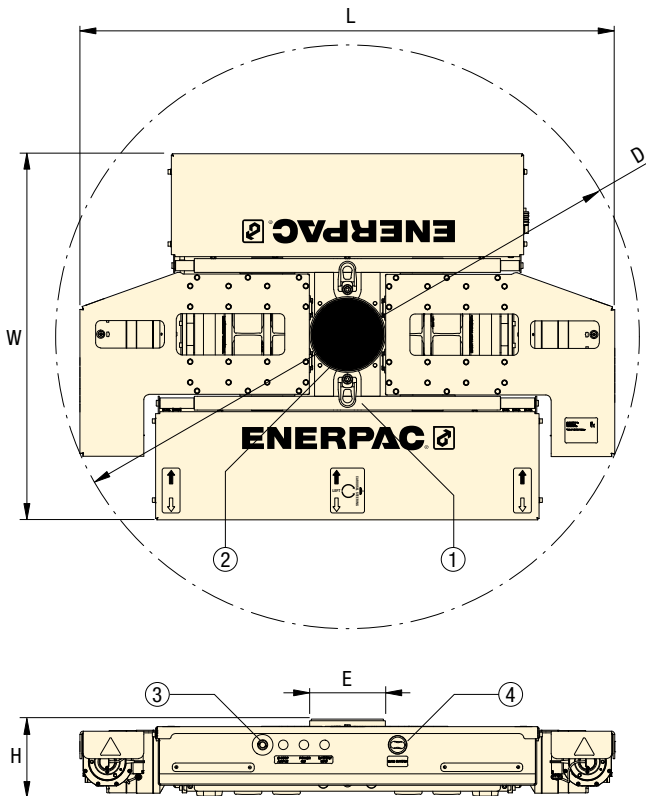
**100 - 300 - 500 kN**

Transport Speed (loaded):

**8 m/min**


Power Source:

**24 Volt Battery**




EMLSD-Series, Dual Follower Skate

Model Number Dual Follower Skate	Dimensions (mm)					
	A1	A2	Height H	Length L	W	X
EMLSD8NY	200	220	140	291	220	640-1315
EMLSD22NY	318	188	180	456	216	408-2156
EMLSD33NY	318	285	220	456	285	605-2253

Model Number Battery-Powered Machine Skate	Dimensions (mm)					 (kg)
	Length L	Width W	Height H	Turning Circle D	Load Area ø E	
EMLSF5	966	950	140	1210	140	310
EMLSF15	1138	1040	180	1445	190	360
EMLSF25	1550	1060	220	1690	220	560

### EMLSF-Series

- ① Lifting Lugs
- ② Load Area
- ③ Emergency Stop
- ④ Main Switch 24 VDC

Supported Load Capacity ton (kN)			Model Number Machine Skate Set	Set Contents		Lifting Stroke at max. 200 bar (mm)	 Set (kg)
Set <sup>1)</sup>	Powered Machine Skate	Dual Follower Skate		Battery- Powered Machine Skate	Dual Follower Skate		
10 (100)	5 (50)	8 (80)	EMV10S	EMLSF5	EMLSD8NY	—	340
30 (300)	15 (150)	20 (200)	EMV30S	EMLSF15	EMLSD22NY	—	444
50 (500)	25 (250)	30 (300)	EMV50S	EMLSF25	EMLSD33NY	70	673

<sup>1)</sup> Note that set capacity is based on total moving capacity of the battery-powered machine skate.

Load distribution on each component of the set should not exceed each component's load capacity rating



# THE RIGHT TOOL MAKES ALL THE DIFFERENCE

Enerpac heavy lifting technology products are put to work under the most intense and demanding conditions. That's why we never compromise. So you can rely on quality and precision every time, giving you the safest and most efficient path to a successful lift.

Enerpac heavy lifting technology combines technical excellence with proven performance – every day, every year, year after year. We believe that customers shouldn't have to compromise – they can rest easy knowing that even in the most complex situations, their reputations and safety are protected by the most trusted products available.

**ELITE TOOLS. FOR ELITE PROFESSIONALS.**

## Heavy Lifting Technology



SFP-Series,  
Split-Flow Pumps



EVO, EVOP-Series,  
Synchronous Lifting Systems



SCJ-Series,  
Self-Locking Cube Jacks



JS-Series,  
Jack-Up Systems



ML, SL, SBL-Series,  
Telescopic Hydraulic Gantries



HSL-Series,  
Strand Jack Systems



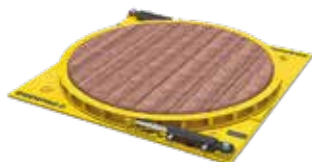
SHS, SHAS-Series,  
Synchronous Hoisting Systems



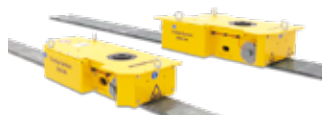
SPMT-Series,  
Self-Propelled Modular Trailers



LH, HSK-Series,  
Skidding Systems



ETT-Series,  
Hydraulic Turntables



ETR-Series,  
Electric Trolley Systems



EMLS, EMV-Series,  
Battery-Powered Machine Skates

**ENERPAC** 

[enerpac.com](http://enerpac.com)