

Battery-Powered Machine Skates

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 1,5% 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	EMV24V60	60	3 - 4
30 ton	EMV24V100	100	3 - 4
50 ton	EMV24V100	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)
	L	W	H	
EMVTC1 *	1100	1244	455	160
EMVTC2 **	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	
EMV24VPC	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	
EMV24VPSW	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 1,5% 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):

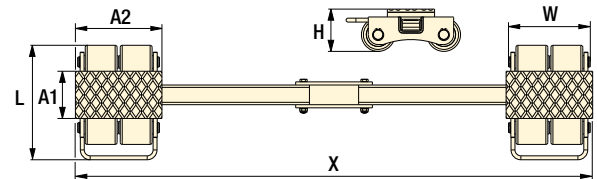
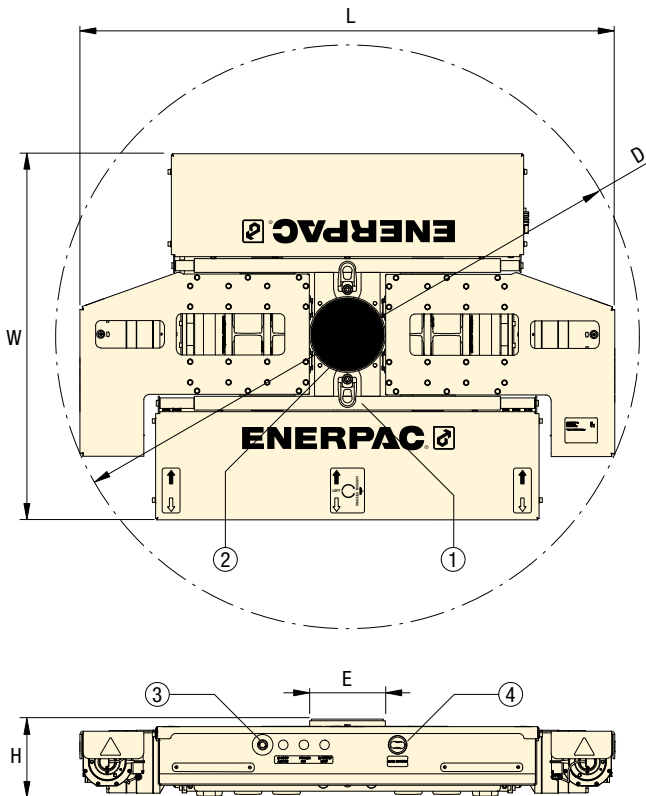
100 - 300 - 500 kN

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	150	310
EMLSF15	1138	1040	180	1445	150	360
EMLSF25	1550	1060	220	1690	150	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 ¹⁾	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

¹⁾ 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.