

SYNC-DRIVE™ BATTERY-POWERED MACHINE SKATES

EMLSD25 WITH SYNC-DRIVE™ (EMV80SD)



TANDEM MODE

EMLSD25 SYNC-DRIVE™

ENERPAC® 

▼ EMLSD-Sync-Drive™ Battery-Powered Machine Skates



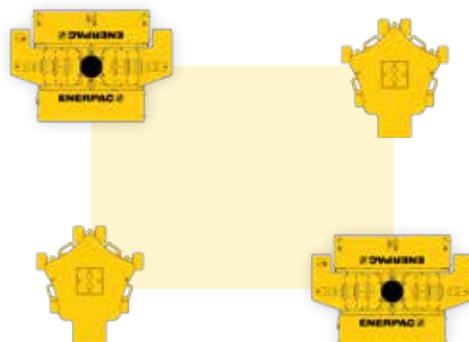
- Multiple E-Movers communicate continuously using real-time angle detection to synchronize movement and safety functions.
- Zero-radius turning, carousel, crab and dual-axis steering modes simplify complex movements in tight areas.
- The intuitive wireless remote controls manages travel, steering, lifting, speed, reducing manpower and keeping operators safely away from the load.
- Monitor complex situations or large and bulky loads from two angles with the supervisor mode.
- Shared safety logic continuously monitors load, traction, lift height and communication status.
- Emergency stop functions and automatic shutdown during signal loss prevent unexpected movements.
- The rugged wireless remote combines durable construction, intuitive controls and a high-visibility colour display to provide clear feedback and precise control.
- Battery operation delivers quiet, emission-free load movement eliminating cables, generators or external power source
- Manoeuvres 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.

▼ EMLSD Sync-Drive



SYNCHRONOUS MOTION PRECISION MOVEMENT

TANDEM MODE FOR HIGHER PAYLOADS & BETTER MANEUVERING



▲ Double tandem



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 (inch)			 (lbs)
	L	W	H	
EMV24VPC	9.84	5.35	6.30	7.94



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 (inch)			 (lbs)
	L	W	H	
EMV24VPSW	22.05	19.53	7.80	55.12

Sync-Drive™ Battery-Powered Machine Skates



EMLSD Sync-Drive™ Battery-Powered Machine Skates

The EMLSD Sync-Drive™ introduces synchronized tandem motion control to Enerpac's proven E-Mover platform. Two or more E-Movers communicate and operate as one coordinated system, simplifying complex heavy-load movements with precise positioning and controlled transport through confined industrial environments.

Battery-powered and remotely operated, the EMLSD25 is designed for transporting heavy loads across clean, even surfaces, accommodating floor joints up to 0.20 inch (5 mm) high or 0.55 inch (14 mm) wide and gradients up to 1.5%.

Fully proportional travel and steering are controlled using dual joysticks on the wireless remote, providing smooth, precise maneuverability.

Durable polyurethane traction wheels and nylon load wheels deliver reliable performance. Synchronized tandem operation enables the safe, controlled movement of higher payloads while wireless operation keeps the operator at a safe distance.

Transport Speed: Up to 26 ft/min improves productivity so saves money compared to manual methods.

EMLSD, SYNC-DRIVE™



Capacity (Set with Dual Follower Skate):

Up to 88 tons

Transport Speed (loaded):

26 ft/min

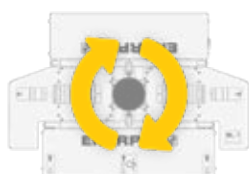
Power Source:

24 Volt Battery

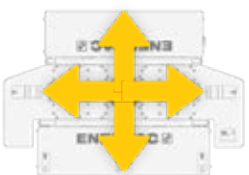
DIFFERENT STEERING MODES FOR GREATER MANEUVERABILITY AND PRECISE TRANSPORT



▲ Diagonal



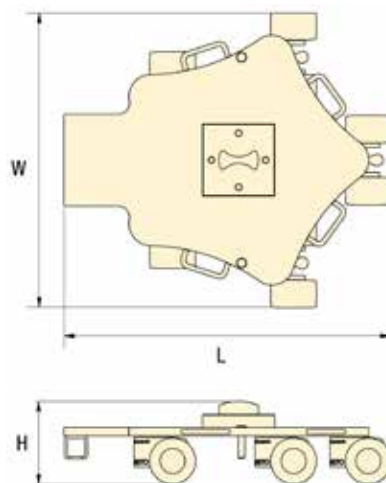
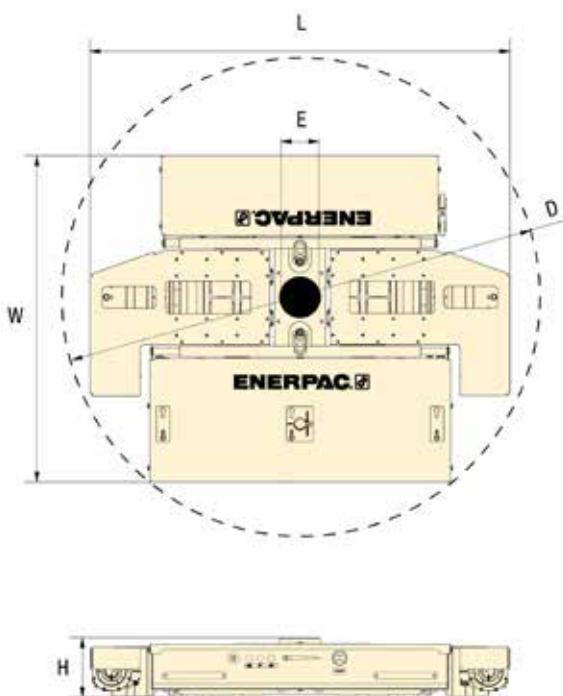
▲ Orbital



▲ Lateral



▲ L turn



Model Number Follower Skate	Dimensions (inch)		
	Height H	Length L	Width W
MLSR20B100	10.63	39.37	36.02

Model Number Battery-Powered Machine Skate	Dimensions (inch)					
	Length L	Width W	Height H	Turning Circle D	Load Area ø E	
EMLSD25	61.22	47.52	8.66	69.29	5.51	1246 (lbs)

Supported Load Capacity (tons)			Model Number Machine Skate Set	Set Contents		Lifting Stroke at max. 2900 psi (inch)	
Set ¹⁾	Powered Machine Skate	Dual Follower Skate		Battery- Powered Machine Skate	Dual Follower Skate		
88	25	20	EMV80SD	EMLSD25	MLSR20B100	2.76	3242 (lbs)

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.



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-Series, Mini-Lift
Telescopic Hydraulic Gantry



SL, SBL-Series,
Telescopic Hydraulic Gantries



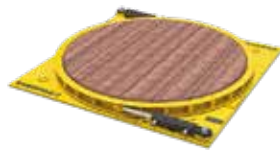
HSL-Series,
Strand Jack Systems



SHC, SHP-Series, SynchHoist
Synchronous Hoisting Systems



LH-Series,
Low-Height Skidding Systems



ETT-Series,
Hydraulic Turntables



ETR-Series,
Electric Trolley Systems



EMLS, EMV-Series,
Battery-Powered Machine Skates

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