

SYNC-DRIVE™ BATTERY-POWERED MACHINE SKATES

EMLSD25 WITH SYNC-DRIVE™ (EMV80SD)



TANDEM MODE

EMLSD25 SYNC-DRIVE™

ENERPAC® 

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



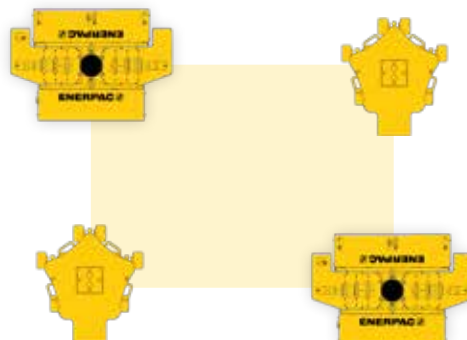
- Multiple E-Movers communicate continuously using real-time angle detection to synchronize movement and safety functions.
- Zero-radius turning, carousel, crab and dual-axis steering modes simplify complex movements in tight areas.
- The intuitive wireless remote controls manages travel, steering, lifting, 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 (mm)			 (kg)
	L	W	H	
EMV24VPC	250	136	160	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 (mm)			 (kg)
	L	W	H	
EMV24VPSW	560	496	198	25

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 5 mm high or 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 8 m/min improves productivity so saves money compared to manual methods.

EMLSD, SYNC-DRIVE™



Capacity (Set with Dual Follower Skate):

Up to 800 kN

Transport Speed (loaded):

8 m/min

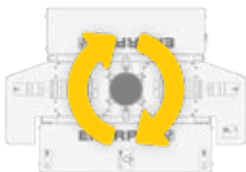
Power Source:

24 Volt Battery

DIFFERENT STEERING MODES FOR GREATER MANEUVERABILITY AND PRECISE TRANSPORT



▲ Diagonal



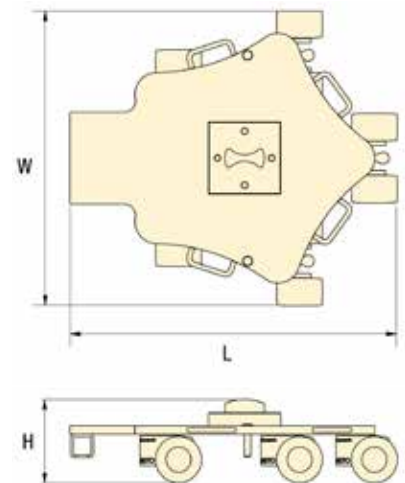
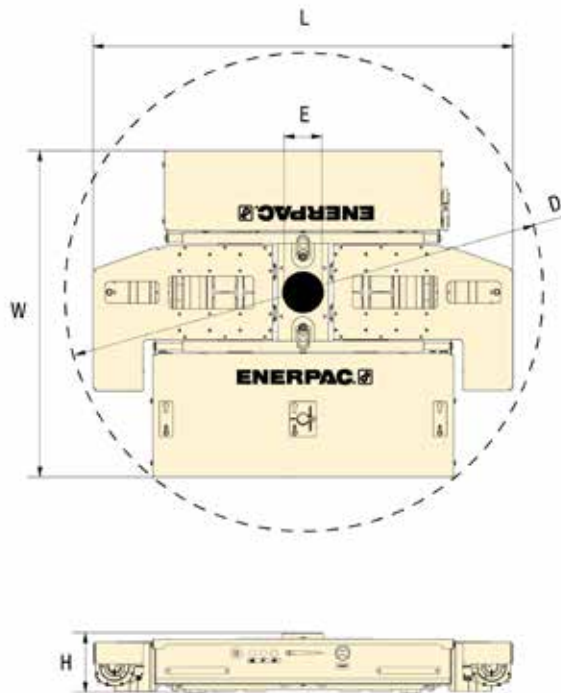
▲ Orbital



▲ Lateral



▲ L turn



Model Number Follower Skate	Dimensions (mm)		
	Height H	Length L	Width W
MLSR20B100	270	1000	915

Model Number Battery-Powered Machine Skate	Dimensions (mm)					 (kg)
	Length L	Width W	Height H	Turning Circle D	Load Area ø E	
EMLSD25	1555	1207	220	1760	140	565

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		
80 (800)	25 (250)	20 (200)	EMV80SD	EMLSD25	MLSR20B100	70	1470

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**



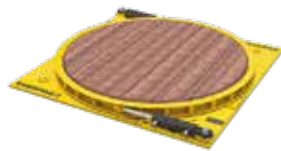
**HSL-Series,
Strand Jack Systems**



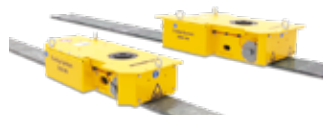
**SHC, SHP-Series, SyncHoist
Synchronous Hoisting Systems**



**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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