



## LEADING INNOVATORS OF RAILCAR SHUNTING TECHNOLOGY

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# ELECTRIC RANGE APPLICATIONS

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# DIESEL RANGE APPLICATIONS








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# The electric RANGE


















CRAB Line	Model	Draw Bar Pull*	Max Towing Capacity**	Weight	Dimensions LxWxH	Rail road
	EZ1	18 kN	360 t	4 t	2180 mm 1830 mm 1550 mm	
	EZ3	36 kN	730 t	6,6 t	2500 mm 2050 mm 2550 mm	
	EZ5	50 kN	1000 t	9 t	3850 mm 2200 mm 2650 mm	

\*The rail only option is available on all CRAB models upon request

LOK E Line	Model	Draw Bar Pull*	Max Towing Capacity**	Weight	Dimensions LxWxH	Rail road
	10.90 E	up to 100 kN	up to 2000 t	up to 20 t	4800 mm 2500 mm 3400 mm	
	13.90 E	130 kN	2600 t	24 t	4800 mm 2500 mm 3400 mm	
	16.150 E	160 kN	3200 t	29 t	6500 mm 2500 mm 3410 mm	
	20.150 E	200 kN	4000 t	35 t	6500 mm 2500 mm 3410 mm	
	22.150 E	220 kN	4400 t	40 t	7000 mm 2500 mm 3630 mm	

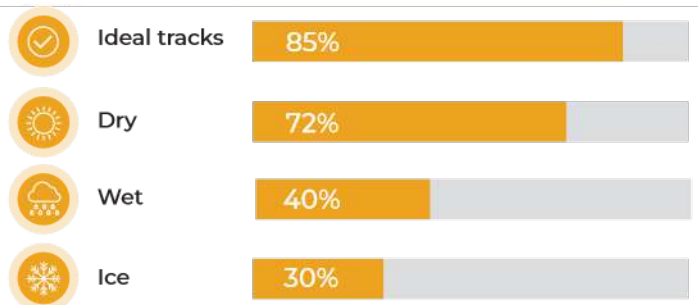
\*The rail only option is available on all LOK models upon request

# The Diesel RANGE

LOK Line	Model	Draw Bar Pull*	Max Towing Capacity**	Weight	Dimensions LxWxH	Rail road
	6.110	up to 70 kN	up to 1400 t	up to 16 t	4800 mm 2500 mm 3400 mm	 
	10.170	100 kN	2000 t	20 t	4800 mm 2500 mm 3400 mm	 
	13.220	130 kN	2600 t	24 t	6500 mm 2500 mm 3400 mm	 
	16.300	160 kN	3200 t	29 t	6500 mm 2500 mm 3410 mm	 
	20.300	200 kN	4000 t	35 t	7000 mm 2500 mm 3630 mm	 
	22.520	230 kN	4600 t	40 t	7000 mm 2500 mm 3660 mm	 
	30.520	280 kN	5600 t	48 t	7360 mm 2500 mm 3660 mm	 

## Coefficient of friction

● Rubber on rail track



\*dry straight level track | \*\*starting peak performance

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# OPTIMIZING THE FUTURE: THE RIGHT CHOICE FOR MODERN RAIL LOGISTICS

## Expertise

With over 50 years of market experience, Zephir stands out for its unparalleled expertise.

## Versatility

We offer versatility through advanced solutions, ensuring each client's unique needs are met with precision.

## Reliability

Our products are built to last, embodying reliability at its core.

## Innovation

Innovation is at the forefront of our operations, integrating the latest technology to advance your logistics.

## Safety

Safety is paramount, with all our products adhering to the strictest safety regulations.

## Wide

Furthermore, our product range offers to a wide array of rail logistics requirements, making Zephir the go-to choice for modern solutions.

## HISTORY



1977



1983



1985



1986



1988



1990



1992



2003



NOW

Zephir is a proud member of the Marmon Rail Group. Marmon Rail provides a variety of products and services to help solve customer's biggest challenges. Whether you need track maintenance and construction, locomotives, railcar movers, or on-site and mobile repairs, Marmon Rail and Leasing has a solution for your operation. All companies within Marmon Rail are experts in their field. We leverage our expertise to provide customers with innovative, sustainable solutions for any rail operation.



## TOGETHER, WE KEEP OUR WORLD MOVING FORWARD

### Industry's Most Experienced Dealer Network



- 24 Hour Emergency service
- Service & Parts for all models of Zephir's
- Dedicated railcar mover technicians
- Customized railcar mover service vehicles
- On site or in shop service and repair
- In shop or on site Operator training
- Availability of products reduces downtime
- Machine demonstrations
- Machine safety evaluations
- Free site surveys

### UNPARALLELED SERVICE AND SUPPORT

Zephir dealers provide the industry's best and most experienced sales and service support. Many of our dealers have been working with railroad shunters, specifically Zephir, since its introduction in 1969. From being there to help select the right machine for your operations, to providing knowledgeable ongoing support, Zephir dealers help keep your business on track. Our customers have reported maintaining up to 99.7% uptime due to Zephir's dependability and unsurpassed customer service

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