



## EXCARAILER 235LR



2019

The new EXCARAILER 235LR Roadrail excavator has been designed by NEOTEC in co-operation with Volvo Equipment based on their 150E. The machine meets the requirements of the most demanding railway construction and renewal works while preserving the best stability and compactness in its class. The two-cab design offers the best in term of comfort and safety.



### TECHNICAL DATA

VOLVO 150E D4H Diesel engine..... 105 kW  
 Dimensions..... 5 867 x 2 550 x 3 200 mm  
 Weight in operation..... From 23 500 kg  
 Tail swing radius.....;..... 1 750 to 2 050 mm

#### OFF-ROAD MODE

Transmission..... 4-wheel drive  
 Hydrostatic Drive..... 1 hydraulic motor  
 Off-road speed..... From 0 to 8.8 kph  
 Gradient capability..... 25%

#### RAIL MODE

Driven and braked axles..... x 2 NEOTEC EPV-C 25.40  
 Max gradient ..... 40%  
 Diameter of railway wheels..... Ø 580 mm  
 Max cant ..... 200 mm  
 Max working speed..... 6 kph  
 Max travelling speed..... 19 kph

#### LIFTING DIAGRAM - Locked rail - Cant <50mm 2,0 Dipper - Height 2m - Lift on Bucket point

Diagram compliant with ISO 10567 lifting capacity limited at 75% of tipping or 87% of hydraulic capacity		Rotation Angle		
		<15°	45°	90°
Distance from center of turret (m)	3	5.84	5.84	5.76
	4.5	4.68	4.67	3.53
	6	3.52	3.42	2.34
	6.83	3.13	2.82	1.85

#### LIFTING DIAGRAM - Locked rail - Cant =150mm 2,0 Dipper - Height 2m - Lift on Bucket point

Diagram compliant with ISO 10567 lifting capacity limited at 75% of tipping or 87% of hydraulic capacity		Rotation Angle		
		<15°	45°	90°
Distance from center of turret (m)	3	5.88	5.86	4.67
	4.5	4.70	4.22	2.98
	6	3.54	2.97	1.91
	6.83	3.15	2.39	1.51

### DIMENSION

