

EXCARAILER 235LR

The perfect Hi-Rail excavator
for all your track work



The new **EXCARAILER 235LR** has been designed by NEOTEC in co-operation with Volvo Equipment based on their 150E. This Roadrail Excavator 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.



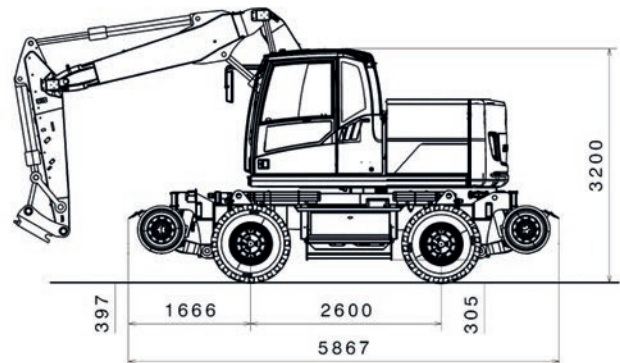
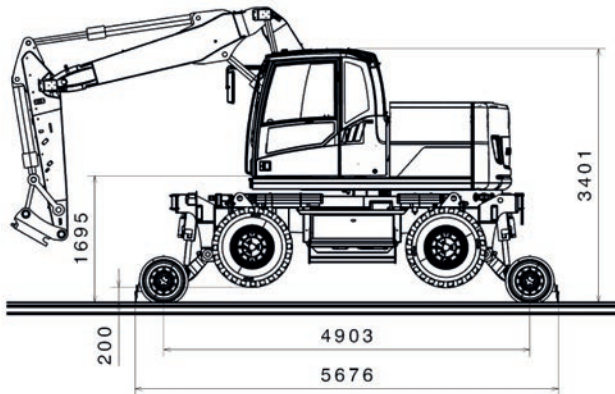
VOLVO 150E D4H Diesel engine 105 kW
 Dimensions 5 867 x 2 550 x 3 200 mm
 Weight in operation From 24 000 kg
 Standard tail swing radius 2050 mm
 Optional tail swing radius 1750 mm

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 30.32
 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