



## EXCARAILER 220LR



### TECHNICAL DATA

#### MAIN CHARACTERISTICS

Volvo D4H engine..... 105 kW  
 Dimensions..... 5 867 x 2 550 x 3 200 mm  
 Weight in operation..... From 23.100 kg

#### OFF-ROAD MODE

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

#### RAIL MODE

Powered and braked axles..... x 2  
 Max gradient on rail..... 40%  
 Max cant on rail..... 200 mm  
 Max speed on rail (working)..... 6 kph  
 Max speed on rail (travelling)..... 19 kph  
 Diameter of railway wheels..... Ø 580 mm

The EXCARAILER 220LR Roadrail excavator has been designed by NEOTEC in co-operation with Volvo Equipment, to meet 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.



#### 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

### DIMENSIONS

