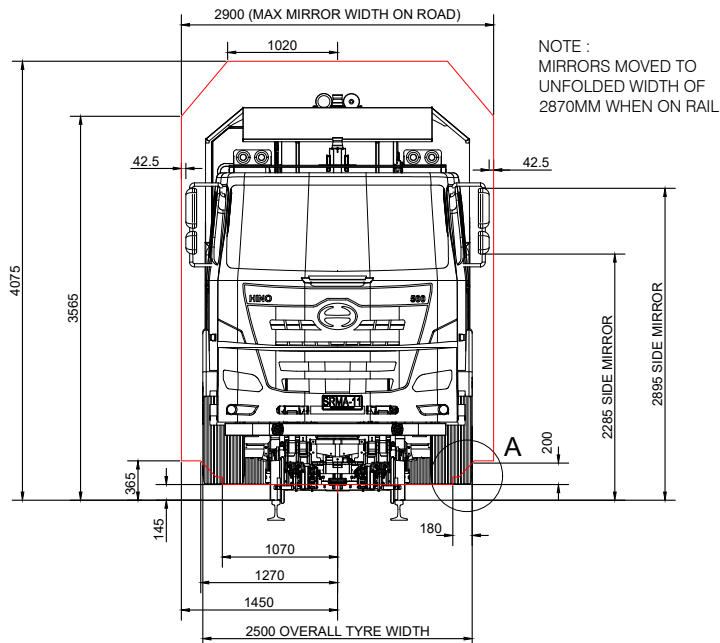
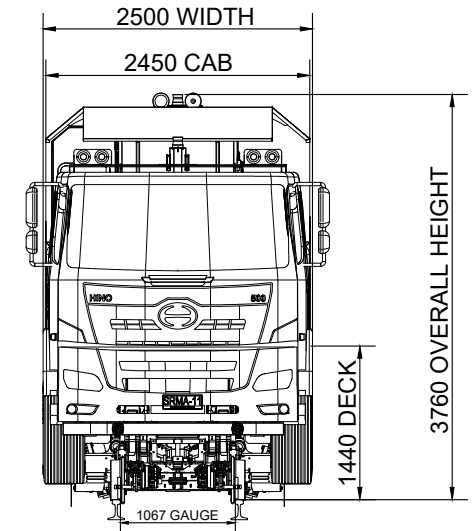
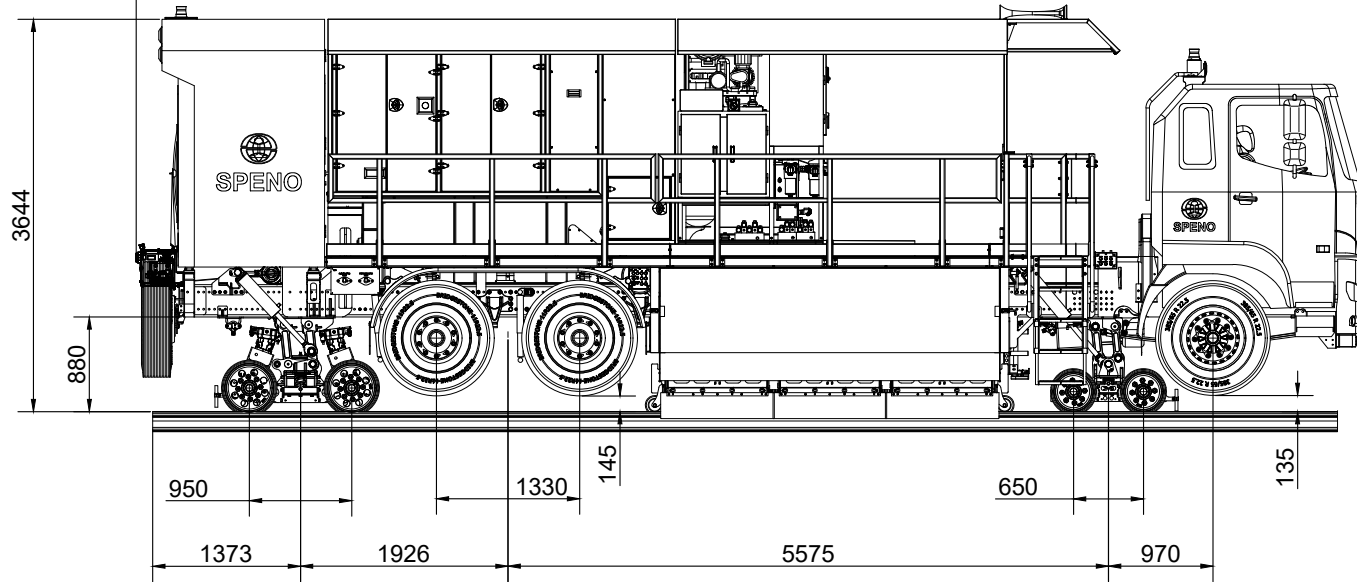


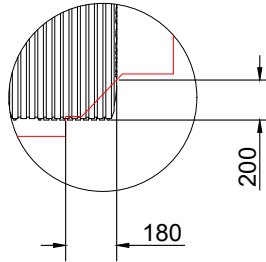
# HRR12-11A MINI GRINDER TECHNICAL SPECIFICATIONS

11440 OVERALL LENGTH



NOTE :  
MIRRORS MOVED TO  
UNFOLDED WIDTH OF  
2870MM WHEN ON RAIL

DETAIL A  
(TYRES OUT OF GAUGE)



HRR12-11A TECHNICAL SPECIFICATIONS	
CONTROL CABIN	Operator controls PLC / HMI
REAR HI-RAIL BOGIE	Hydrostatic 25 Km/H Gearbox Ratio 10:1
	Wheel Diameter : 460mm Loading bogie (Wet) : 11,150 kg Design Load : 12,200 kg
	Wheel Diameter : 370mm Loading bogie (Wet) : 11,500kg Design Load : 11,800 kg
FRONT HI-RAIL BOGIE	KOHLER KV250U 250KW 440V 60Hz Fuel : 650L Diesel
GENERATOR	80dB @ 1m
NOISE	ALMIG TA5 Compressor : 530L/Min, 10 Bar
COMPRESSOR	Daikin RXS35LVMA : Heating 4kW, Cooling 3.5kW
AIRCONDITIONER	18.5Kw Air Cooled Motors
8 x NU GRINDING UNITS	250mm Diameter Stones (Mainline) +20° to -40° 180mm Diameter Stones +20° to -40°
	11Kw Air Cooled Motors
4 x SU GRINDING UNITS	250mm Diameter Stones (Mainline) -10° to -60° 260mm Diameter Stones (Plate) -10° to -60°
OIL TANK	170L Panolin Power : 265Hp
HINO TRUCK - FM2632	Transmission : Automatic
HINO REAR AXLES	Air Suspension, Loading (Wet) : 16,340 kg
HINO FRONT AXLE	Air Assisted Suspension, Loading (Wet) : 6,300 kg (No driver)
MIN RAIL RADIUS	Travel : 80m radius , Grinding : 80m radius
GRINDING GRADE	Maximum 7%

**ARC STATIC ROLLINGSTOCK OUTLINE**

TOLERANCES (unless specified)  
 X = +/0.5  
 X.X = +/0.1  
 X.XX = +/0.05  
 X.XXX = +/0.01  
 ANGULAR = +/- 0.5°  
 SURFACE FINISH = 0.8 micrometers  
 CONCENTRICITY <0.01  
 DEBURR ALL SHARP EDGES AND HOLES  
 ALL WELDING TO COMPLY TO AS1554  
 DO NOT SCALE  
 DIMENSIONS IN MILLIMETRES  
 DRAWN TO AS1100-1992



SPENO RAIL MAINTENANCE  
 Australia PTY LTD  
 168 Campbell street,  
 BELMONT, WA 6085  
 PH: 61 8 9479 5000  
 FAX: 61 8 9479 1349

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Part Number:		HRR12-11A	
Description:		ARC NARROW GAUGE TECHNICAL SPECIFICATIONS	
Design and Functionality	Material and Tolerances		
Finish:	Design Status	Manufacturing and Maintenance	
Material:	WorkInProgress	SHEET 1 OF 1	DRAWN BY: Daniel.I
		REV. NO. 1	REvised ON 07/07/2021
		SCALE DNS	A3



HRR12-11A Minigrinder – FRONT



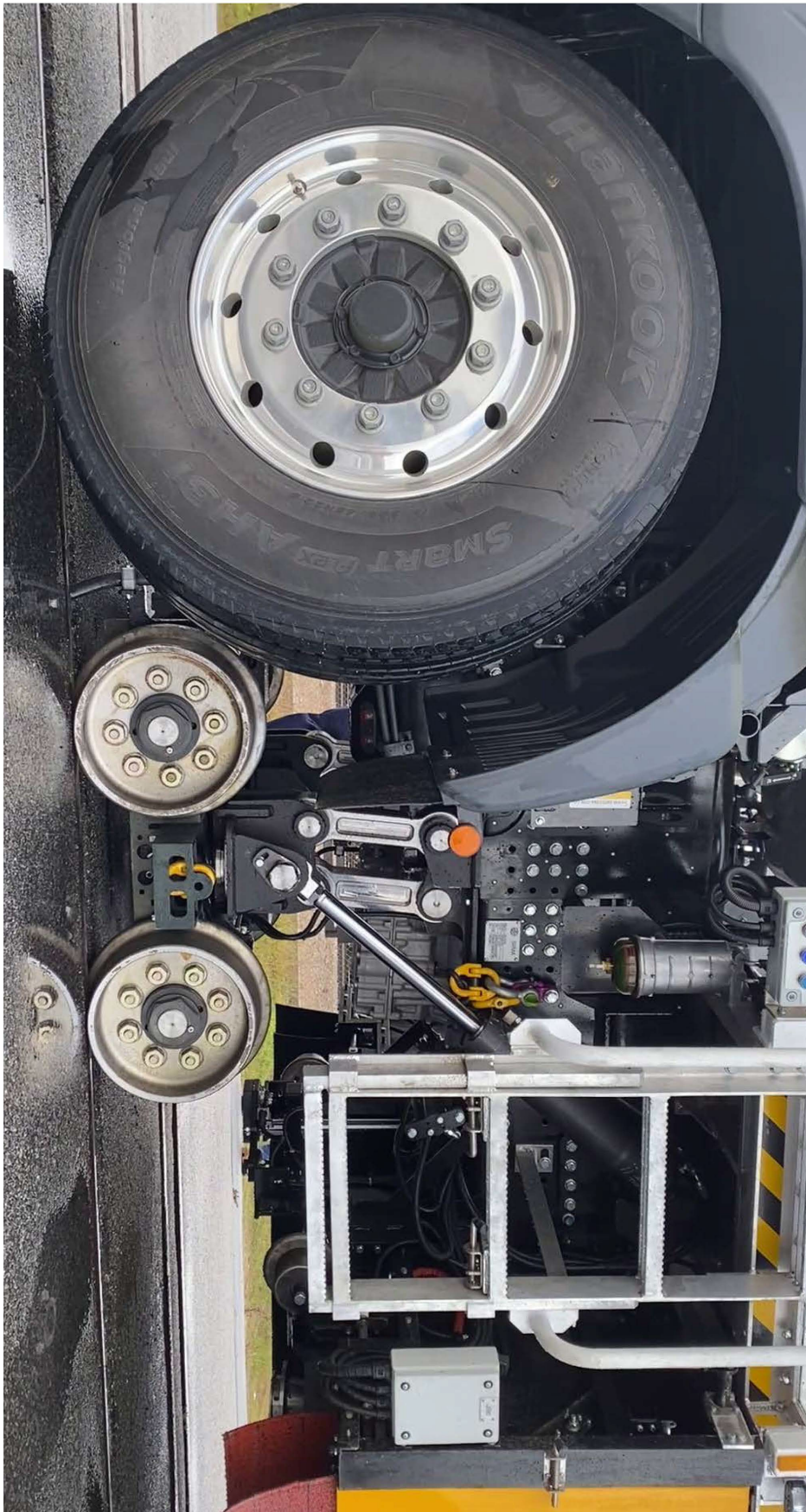
HRR12-11A Minigrinder – REAR



HRR12-11A Minigrinder – LEFT



HRR12-11A Minigrinder – RIGHT



HRR12-11A Minigrinder – FRONT HIRAIL



HRR12-11A Minigrinder REAR HIRAIL