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| **BOBRNAL WAGON** | |
| D:\r&M web\freight\alluminium wagon\ALU OPEN.JPG | |
| **Salient features:**   * 3.2 tonne reduction in tare weight * 3.2 tonne increase in pay lead * Higher pay lead to tare ratio * High Speed CASNUB 22 HS Bogie * Body structure with Huck Bolted * Aluminium Plates and Extrusions * Pneumatic operated Bottom Discharge Doors * Higher corrosion resistance * Lower maintenance cost due to higher corrosion and abrasion resistance property * Lighter empty rakes running resulting in reduction in fuel consumption * No Painting * Less life cycle cost compared to conventional wagon * Pneumatic Operated Bottom Discharge doors | |
| **General Specification** | Gauge : 1676mm  Tare weight : 22.4 Tonnes |
| Pay Load: 58.88 tonnes  Gross Load : 81.28 tonnes |
| **Dimensions** | Length Over Coupling faces : 10600 mm  Overall Width : 3500 mm  Overall Height : 3735 mm  Volumetric Capacity : 56.78 cu.m |
| **Wheel & Axle** | Wheel Diameter : 1000mm  Axle Load : 20.32 Tonnes |
| **Brake**  Graduated release airbrake system with Jaw type  Slack adjuster and automatic load sensing device to cater for the brake power  Requirement In empty and loaded condition. | |

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| * Reduction in Tare weight & increase in pay Load * Higher Pay Load to Tare weight Ratio * Less Corrosion * Less Fuel consumption in Empty Running * Throughout Enhancement * Less incidence of out of course repair * Reduction in turn around time of Wagon due to fewer detention * CRF section steel to IRSM;44 | |
| **General Specification** | Gauge : 1676 mm  Tare Weight : 20.52 Tonnes |
| Pay Load : 71.08 Tonnes  Gross Weight : 91.60 Tonnes |
| **Dimensions** | Length Over Coupling Faces : 10963 mm  Overall Width : 3250 mm  Overall Height : 3301 mm  Volumetric Capacity : 61..50 Cu.m  Wheel Diameter : 1000 mm  Axle Load : 22.90 Tonnes |
| **Brake:**  Graduated Release Air Brake system as per RDSO spec. 02-ABR-2002 & 04-ABR-2002(Latest). | |

**BOXNHL WAGON**