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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
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| **General Specification** | Gauge : 1676mmTare weight : 22.4 Tonnes |
| Pay Load: 58.88 tonnesGross Load : 81.28 tonnes |
| **Dimensions** | Length Over Coupling faces : 10600 mmOverall Width : 3500 mmOverall Height : 3735 mmVolumetric Capacity : 56.78 cu.m |
| **Wheel & Axle** | Wheel Diameter : 1000mmAxle Load : 20.32 Tonnes |
| **Brake**Graduated release airbrake system with Jaw typeSlack 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 mmTare Weight : 20.52 Tonnes |
| Pay Load : 71.08 TonnesGross Weight : 91.60 Tonnes |
| **Dimensions** | Length Over Coupling Faces : 10963 mmOverall Width : 3250 mmOverall Height : 3301 mmVolumetric Capacity : 61..50 Cu.mWheel Diameter : 1000 mmAxle Load : 22.90 Tonnes |
| **Brake:**  Graduated Release Air Brake system as per RDSO spec. 02-ABR-2002 & 04-ABR-2002(Latest). |

**BOXNHL WAGON**