

## Performance Comparison Table For Mining Truck



| TONLY TL849/T5 Off-Road Mining Truck |             | BELL B30E ADT (Same as CAT/VOLVO/KOMATSU) |             |
|--------------------------------------|-------------|---|-------------|
| <b>1.Driving Form: 6×6</b>           |             | <b>1.Driving Form: 6×6</b>                |             |
| <b>2.Dimension:</b>                  |             | <b>2.Dimension:</b>                       |             |
| Length (mm)                          | 8990        | Length (mm)                               | 9953        |
| Width (mm)                           | 3250        | Width (mm)                                | 3260        |
| Height (mm)                          | 3700        | Height (mm)                               | 3747        |
| Wheelbase (mm)                       | 3600+1750   | Wheelbase (mm)                            | 4181+1670   |
| Front Overhang                       | 1760/1738   | Front Overhang                            | 2602/1500   |
| Wheel Track (mm)                     | 2600        | Wheel Track (mm)                          | 2356        |
| <b>3.Mass Parameter (kg) :</b>       |             | <b>3.Mass Parameter (kg) :</b>            |             |
| Complete Vehicle Kerb Mass           | 22000       | Complete Vehicle Kerb Mass                | 19216       |
| Front Axle Payload/Rear Axle         | 13000/20000 | Front Axle Payload/Rear Axle              | 12750/17220 |
| Rated Payload                        | 30000       | Rated Payload                             | 28000       |

|  |                     |   |                     |
|--|---------------------|---|---------------------|
| Gross Vehicle Weight   | 52000               | Gross Vehicle Weight  | 47216               |
| <b>4.Performance Parameter:</b>  |                     | <b>4.Performance Parameter:</b>                                       |                     |
| Top Speed (Km/h)   | 56                  | Top Speed (Km/h)  | 57                  |
| MAX. Gradeability(%)   | ≥30                 | MAX. Gradeability(%)  | Null                |
| MIN. Turning Radius  | 10.2                | MIN. Turning Radius   | 8                   |
| Approach   | 38°/ 59°            | Approach  | 25°/ Null           |
| Ground Clearance   | 512                 | Ground Clearance  | 537                 |
| Load Capacity (m <sup>3</sup> )  | 19                  | Load Capacity (m <sup>3</sup> )                                       | 14                  |
| Tipping Angle  | 53°                 | Tipping Angle   | 70°                 |
| <b>5.Configuration Table:</b>  |                     | <b>5.Configuration Table:</b>   |                     |
| <b>1) Engine</b>   |                     | <b>1) Engine</b>  |                     |
| Model  | WD12.375            | Model   | OM 926 LA           |
| Manufacturer   | Weichai Styre       | Manufacturer  | Mercedes Benz       |
| Displacement(L)  | 11.596              | Displacement(L)   | 7.2                 |
| Rated Power(kW)  | 276Kw(375hp)/2200RP | Rated Power(kW)   | 240Kw(322hp)/2200RP |
| MAX. Torque(N.m)   | 1500                | MAX. Torque(N.m)  | 1300                |
| <b>2) Transmission:</b> FAST 7DS180, Single Box with Twin Shaft            |                     | <b>2) Transmission:</b> Allison 3500PR ORS                            |                     |
| <b>3) Axle:</b> 20T  |                     | <b>3) Axle:</b> 18T   |                     |
| <b>4) Tyre:</b> 18.00-25-32PR  |                     | <b>4) Tyre:</b> 23.5R25   |                     |
| <b>5) Transfer Box:</b> ZQC2000-396  |                     | <b>5) Transfer Box:</b> Bell GR 10 000                                |                     |
| <b>6) Steering System:</b> Double Steering System                          |                     | <b>6) Steering System:</b> Double-acting steering cylinders           |                     |
| <b>7) Lifting System:</b> Hyvo Double-acting, single stage, dump cylinders |                     | <b>7) Lifting System:</b> Double-acting, single stage, dump cylinders |                     |
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