

# FLT - 32

## SPECIFICATIONS

| SPECIFICATIONS |                                              |                        |                                            |
|----------------|----------------------------------------------|------------------------|--------------------------------------------|
|                | Model                                        |                        | FLT-32-1200                                |
|                | Lift Capacity                                | Kg                     | 32,000                                     |
|                | Load Centre                                  | mm                     | 1200                                       |
|                | Driving Speed (Laden / Unladen)              | Km/h                   | 24 / 27                                    |
|                | Lifting Speed (Laden / Unladen)              | m/sec                  | 0.24 / 0.26                                |
|                | Lowering Speed(Laden/Unladen)                | m/sec                  | 0.28 / 0.26                                |
|                | Gross Vehicle Weight (Laden /Unladen)        | Kgs                    | 73,500 / 41,500                            |
|                | Static Weight on Front Axle (Laden /Unladen) | Kgs                    | 68,450 / 20,150                            |
|                | Static Weight on Rear Axle (Laden /Unladen)  | Kgs                    | 5050 / 21,350                              |
|                | Stability                                    | %                      | 30                                         |
|                | Gradeability(Laden /Unladen)                 | %                      | 15 / 29                                    |
|                | Tyres ,Front /Rear                           |                        | 16.00-25                                   |
|                | Battery                                      | V/AH                   | 24 / 180 x 2                               |
| 14.            | Engine                                       | Make                   | VOLVO                                      |
|                |                                              | Model                  | TAD 720 VE                                 |
|                |                                              | Rating /Speed          | HP/RPM                                     |
|                |                                              | No. of Cylinders       | 237/ 2300                                  |
|                |                                              | Aspiration             | 6                                          |
|                |                                              | Displacement           | Turbo Charged/ Inter Cooled                |
|                |                                              | Bore x Stroke          | Litres                                     |
|                |                                              | Cooling                | 7.15                                       |
| 15.            | Transmission                                 | Make                   | mm                                         |
|                |                                              | Model                  | 108 x 130                                  |
|                |                                              | Type                   | Water                                      |
|                |                                              | Speed F/R              |                                            |
| 16.            | Drive Axle                                   | Make / Model           | ZF                                         |
|                |                                              | Type                   | 3WG191                                     |
|                |                                              | Brakes                 | Powershift with Torque Converter           |
|                |                                              | Reduction              | 3/3                                        |
|                |                                              | Static Capacity        |                                            |
| 17.            | Service Data                                 | a) Diesel Tank         | OMCI / AR268K                              |
|                |                                              | b) Hydraulic Tank      | Full floating with Planetary Hub reduction |
|                |                                              | c) EngineCrank Case    | Multiple Disc - wet type                   |
|                |                                              | d) Transmission        | 1 : 23.2                                   |
|                |                                              | e) Drive Axle          | tons                                       |
|                |                                              | i) Differential Casing | 95                                         |
|                |                                              | ii) Hub Reduction      | Ltrs                                       |