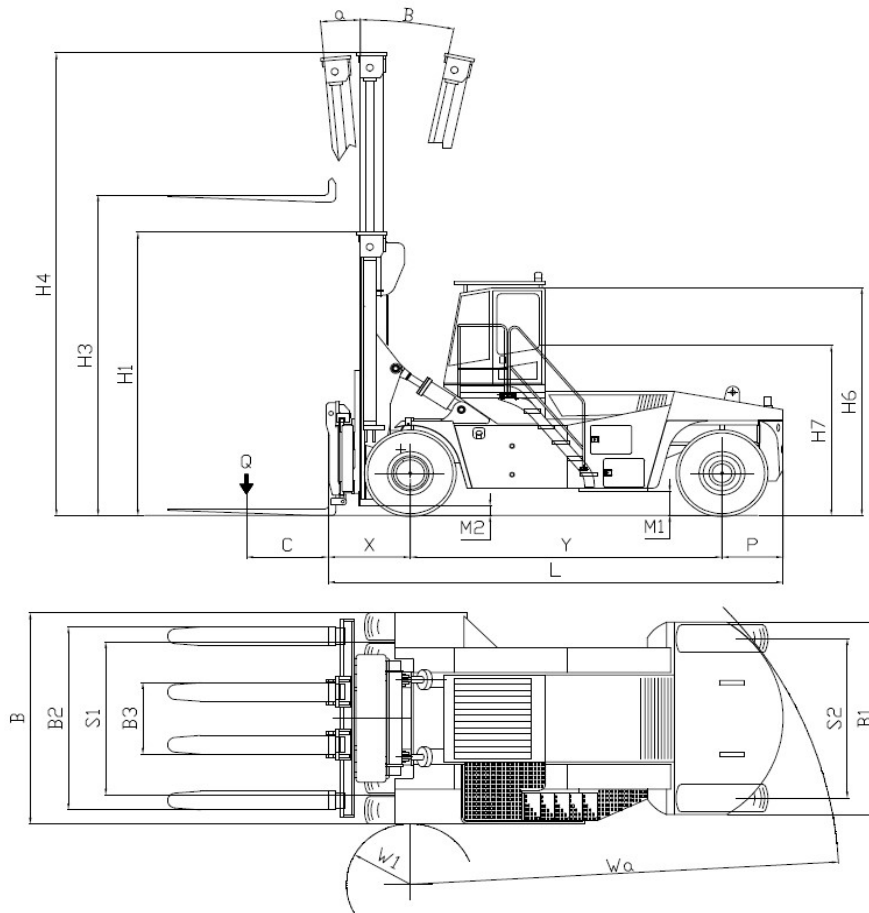


FT 33-12

| TECHNICAL SPECIFICATIONS | | | | Metric | | |
|--------------------------|---------------------|--|--|----------------------------|---|----------------------------------|
| 1 | Lifting Capacity | Q | Max Capacity | Kg | 33000 | |
| 2 | Load Centre | C | Distance | mm | 1225 | |
| 3 | Dimensions | h3 | Fork max height | mm | 4100 | |
| 4 | | a / b | Mast tilting (Forward / Reverse) | ° | 5/ 12 | |
| 5 | | y | Wheel base | mm | 4750 | |
| 6 | | S1 / S2 | Wheel center F/R | mm | 2655 /2400 | |
| 7 | | m1 | Ground clearance mid track (loaded) | mm | 400 | |
| 8 | | m2 | Ground clearance lowest point (loaded) | mm | 250 | |
| 9 | | L1 | Length of truck (w/out attachment) | mm | 6800 | |
| 10 | | L2 | Length of truck (with attachment) | mm | 9000 | |
| 11 | | B / B1 | Overall Width (Front / Rear) | mm | 3500 / 2800 | |
| 12 | | h1 | Closed Mast Height | mm | 4300 | |
| 13 | | h4 | Open Mast Height | mm | 6300 | |
| 14 | | h6 | Cabin Height (overhead guard) | mm | 3800 | |
| 15 | | h7 | Seat Height | mm | 2700 | |
| 16 | | P | Rear Overhang | mm | 900 | |
| 17 | | W1 / Wa | Turning radius (Inside / Outside) | mm | 975/6800 | |
| 18 | x | Distance from C/L of front axle to Face of Machine | mm | 1150 | | |
| | | | | | | |
| 21 | Speeds | | Travel With / Without Load | Km/h | 24/25 | |
| 22 | | | Lift With / Without Load | m/s | 0,2/0,26 | |
| 23 | | | Lowering With / Without Load | m/s | 0,25/0,21 | |
| | | | | | | |
| 24 | Tires | | V = Solid - L = Pneum | F / R | L / L | |
| 25 | | | Size Front | | (4) 16.00 x 25 - 28 PR | |
| 26 | | | Size Rear | | (2) 16.00 x 25 - 28 PR | |
| 27 | | | Inflation Pressure | bar | 10 | |
| 28 | | | Ground pressure | kg/cm ² | 9,5 | |
| | | | | | | |
| 29 | Max. Drawbar pull | | Loaded | daN | 32000 | |
| 30 | Max. Gradient | | Loaded | % | 25 | |
| | | | | | | |
| 31 | Total Weight | | Unloaded | Kg | 45000 | |
| 32 | Weight on axle | F / R | Loaded | Kg | 71000 / 7000 | |
| 33 | | F / R | Unloaded | Kg | 22000 / 23000 | |
| | | | | | | |
| 34 | Brakes | Front | Pedal servohydraulic | | Wet disc brakes | |
| 35 | | Rear | | | Dry disc brakes (Opt.) | |
| 36 | | Parking | Mechanical | | Dry disc on axle shaft | |
| | | | | | | |
| 37 | Engine | | Type | | Diesel | |
| 38 | | | Manufacturer / Type | | Volvo TAD870VE Tier 4(Volvo TAD840VE Tier3) | |
| 39 | | | Continuous power | kW/hp | 160 / 218 | |
| 40 | | | Revolutions per minute | rpm | 2200 | |
| 41 | | | Number of Cylinders / Displacement | cm ³ | 6 / 7800 | |
| 42 | | | Specific fuel consumption | g/Kwh | 207 | |
| 43 | | | Effective fuel consumption | l/h | 15 | |
| 44 | | Alternative engine | | Brand | Cummins QSB 6.7 Tier3 | |
| 45 | | Batteries | | Voltage / Capacity | V / Ah | 24 / 150 |
| 46 | | Steering | | Hydraulic - Servo assisted | | Oscillating monocylinder ASF243N |
| 47 | Drive axle | | Brand | | KESSLER Model D91 | |
| 48 | | | Type | | With planetary reducer hub and removable half-shaft | |
| 49 | Transmission | | Brand | | DANA32000 | |
| 50 | | | Type | | HYDRODYNAMIC WITH TORQUE CONVERTER | |
| 52 | Gear speeds | | Forward / Reverse | N° | 4 / 4 | |
| 53 | Hydraulic Pressure | | Working | bar | 230 | |
| 54 | Fluid Capacities | | Hydraulic oil | Liter | 580 | |
| 55 | | | Fuel | Liter | 420 | |
| 56 | Noise level | | Inside Cabin | db (A) | 72 | |
| 57 | Stability Factor | | Static | | 1,5 | |
| 58 | Controls | | Sevoassisted (Type) | | Multifunctional Joystick | |
| 59 | Cabin configuration | | | | Rear high mounted panoramic cabin | |

FT 33 - 12



| MAIN DIMENSIONS | | | | |
|-----------------|--|--|----|-------------|
| Q | Max Capacity | | Kg | Metric |
| C | Distance from Face of Machine to Load Center | | mm | 33000 |
| x | Distance from C/L of Front Axle to Face of Machine | | mm | 1200 |
| y | Wheel base | | mm | 1150 |
| P | Rear Overhang | | mm | 4750 |
| L1 | Length of truck (w/out attachment) | | mm | 900 |
| L2 | Length of truck (with attachment) | | mm | 6800 |
| h3 | Fork max Height | | mm | 9000 |
| h1 | Closed Mast Height | | mm | 4100 |
| h4 | Open Mast Height | | mm | 4300 |
| h6 | Cabin Height | | mm | 6300 |
| h7 | Seat Height | | mm | 3800 |
| m1 | Ground clearance midtrack (loaded) | | mm | 2700 |
| m2 | Ground clearance lowest point (loaded) | | mm | 400 |
| a / b | Mast tilting (Forward / Reverse) | | ° | 250 |
| B / B1 | Overall Width (Front / Rear) | | mm | 5/ 12 |
| S1 / S2 | Wheel center F/R | | mm | 3500 / 2800 |
| W1 / Wa | Turning radius (Inside / Outside) | | mm | 2655 / 2400 |
| B3/B2 | width open /close | | mm | 975/6800 |
| | | | | 2950/1150 |