

TECHNICAL DATA : SMV 33 G4

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| LIFTING DATA | | |
| Lift capacity / Min Load center (up to max lift height) | kg / mm | 28000 / 1490 |
| Lift capacity / Max Load center (up to max lift height) | kg / mm | 26000 / 1730 |
| Stacking height (of 9'6" / 8'6" containers) | | 4 / 4 |
| Lifting speed, unloaded / at rated load | m/s | 0,32 / 0,27 |
| Lowering speed, unloaded / at rated load | m/s | 0,40 / 0,40 |
| DRIVING DATA | | |
| Drive speed forward, unloaded / at rated load | km/h | 22 / 20 |
| Drive speed reverse, unloaded / at rated load | km/h | 22 / 20 |
| Incline (driving ability) at rated load at 0 km/h/at 2 km/h | % | 42 / 30 |
| Towing (power ability) at rated load at 0 km/h/at 2 km/h | kN | 315 / 215 |
| SERVICE WEIGHT / AXLE PRESSURE | | |
| Service weight | kg | 53100 |
| Axle pressure front at LC1, unloaded / at rated load | kg | 33100 / 74900 |
| Axle pressure rear at LC2, unloaded / at rated load | kg | 20000 / 6200 |
| ENGINE (electronic controlled) | | |
| Engine make / model name | | Scania DI-12-54A1 |
| Emission approval EU / US | | EU Stage II / US Tier 2 |
| Monitoring / emission controlled / CanBus | | Yes / yes / yes |
| Fuel/type of engine/intercooler | | Diesel / 4-stroke / yes |
| Power ISO 3046 / at speed | kW / rpm | 222 / 2100 |
| Torque ISO 3046 / at speed | Nm / rpm | 1446 / 1200 |
| Displacement / No. of cylinders / Type | L / / | 11,7 / 6-cylinder / Inline |
| Fuel consumption, normal drive | L/h | 12 - 14 |
| Alternator, type/power / capacity | / W / Amp | AC / 1820 / 65 |
| Starting battery, voltage/capacity | V / Ah | 2 x 12 / 140 |
| TRANSMISSION (electronic controlled) | | |
| Transmission make / model name | | Dana TE-27400 |
| Monitoring / reverse protection / CanBus | | Yes / yes / yes |
| Clutch, type | | Torque converter |
| Transmission type / type of shift gear | | Softshift - Powershift / Automatic |
| No. of gears, forward/reverse | | 4 / 4 |
| DRIVE AXLE & BRAKE SYSTEM | | |
| Drive axle make / model name | | Kessler D91 |
| Drive axle type / drive axle width | / mm | Differential + hub reduction / 3440 |
| Driving brake system, type / affected wheels | | Oil cooled Wet Disc Brakes / drive wheels |
| Parking brake system, type / affected wheels | | Dry disc brake / spring release / drive wheels |
| STEER AXLE & STEER SYSTEM | | |
| Steer axle type / steering system | | Double acting cylinder / hydraulic servo assisted |
| WHEELS | | |
| Number of wheels, front + rear / type (*driven) | | 4*+2 / pneumatic |
| Tire pressure front / rear | MPa | 0,9 / 0,9 |
| Tire dimensions (Ply rating) front / rear | Inch (No) | 16.00 x 25" (PR 32) / 16.00 x 25" (PR 32) |
| Rim dimension front / rear | Inch | 11.25 x 25" / 11.25 x 25" |
| HYDRAULIC SYSTEM | | |
| Hydraulic pump make / model name | | Parker & Hannifin / P2-series |
| Hydraulic system / pump type | | Load sensing system / variable piston pump |
| Power-on-demand / Low energy | | Yes / yes |
| Hydraulic oil pressure mast / spreader | MPa / MPa | 22 / 15 |
| TANK VOLUMES | | |
| Diesel tank volume | L | 371 |
| Hydraulic tank volume | L | 406 |
| LIFT EQUIPMENT & SPREADER | | |
| Lift mast model / mast type / design | | Duplex standard / 2-stage / free visibility |
| Spreader make / model name | | ELME 818 |
| Spreader type / capacity | | Toplift telescopic / 20-40 ft containers |
| Spreader locking type / No. of containers | | 4 x top twist locks / 1 |
| Sideshift stroke / liftingeyes | mm | ± 200 / 4 x in the corners |
| Spreader slew-turn / spreader reach stroke | Deg / mm | ± 3 / 0 - 240 (each side) |
| Pile Slope type / pile slope stroke (side tilt) | / Deg | Mechanical MPS / (± 4,8) |
| OTHERS | | |
| Noise level (inside Cab / Lm) | DIN 45635 | dB(A) 73 |
| Noise level (inside Cab/ LpAZ) | EN 12053 | dB(A) 75 |
| Noise level (outside at 7 m/ Lwa) | 2000/14/EC | dB(A) 111 |
| NORMS & STANDARDS | | |
| Machine Directive in Europe | 98 / 37 EC | Yes |
| Stability of Industrial Trucks | ISO 1074 | Yes |
| Safety of Industrial trucks | EN 1551 | Yes |

