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| Terex-Demag HC 100 specifications - 35 ton crane | | | |
| Building type: | **Telescopic crane** |  |  |
| Max. capacity: | **35 t** at 3 m | Max. loadmoment: | - tm |
| Axles: | 4 | Total weight: | 39,1 t |
|  |  |  |  |
| Boom: | | | |
| Telescopic boom: | 9,9-30 m | Boom sections: | 4 |
| Boom luffing up to: | 80° in 54 seconds | Boom extension: | 9,9-30 m in 80 seconds |
| Superlift: | - | Intermediate sections: | - m |
| Folding jib: | 6,95 m ofsettable at angle -° | | |
| Fixed jib: | - m ofsettable at angle -° | Fly jib: | - m |
| Main boom foot pin horizontal offset X: | 2150 mm | Main boom foot pin vertical offset Y: | 3270 mm |
| Max. slewing speed: | 1,6 rpm | | |
| Max. line speed: | 88 m/min | Max. line pull: | 44 kN |
|  |  |  |  |
| Dimensions: | | | |
| Total length: | 11500 mm | Tail swing: | 2710 mm |
| Carrier length: | 9220 mm | Width: | 2500 mm |
| Outer turning radius : | 12000 mm | Inner turning radius: | - mm |
| Turning radius boom head: | - mm | Turning radius folding jib: | - mm |
| Outrigger base: | 4650 x 5200 mm | Reduced outrigger base: | - mm |
| Track (Crawler cranes): | - mm | Track width (Crawler cranes): | - mm |
|  |  |  |  |
| Drives: | | | |
| Carrier engine: | Deutz | Power/Weight-Ratio: | 0.00 kW/t |
| Power: | - kW / 230 PS | Max. torque: | - Nm - rpm |
| Transmission: | Schaltgetriebe | Gears: | 6+1 (Forward + reverse) |
| Max. speed: | 63,4 km/h | Gradeability: | 41,9 % |
| Drive / Steering (standard): | 8x4x4 | Drive / Steering (option): | 8x6x4 |
| Tyres (standard): | 12.00 R20 PR18 | Tyres (option): | - |
| Superstructure engine: | - | | |
| Power: | - kW / - PS | Max. torque: | - Nm at - rpm |
|  |  |  |  |
| Counterweight: | | | |
| Superlift mast: | - m | Radius A-frame: | - mm |
| Max. counterweight: | 5 t | Superlift counterweight: | - t |
| Counterweight carrier (Crawler cranes): | - t | Central ballast (Crawler cranes): | - t |
|  |  |  |  |