Machine model	Telescopic handler	HTH 30.12	
	Maximum lifting capacity	30,000 kg	
	Maximum lifting height	11.40 m	
	Maximum reach	6.90 m	

Engine	Model	**Volvo TAD884 VE-Stage V**	**Volvo TAD853 VE-Stage IIIA**
	Rated power	235 kW (320 hp) at 2,200 rpm	
	Maximum torque	1,310 Nm at 1,450 rpm	
	Displacement	7,7 l	
	Cylinders	6 in line	
	Engine type	Turbocharged direct injection common rail diesel	
	Cooling system	Water – intercooler	

Transmission	Type	Hydrostatic
	Maximum pressure	500 bar
	Gearbox	Dropbox, 3 forward speeds and 2WD/4WD selection

Axles and brakes	Type	Heavy-duty with planetary gearboxes
	Front axle	Steering and levelling
	Rear axle	Steering and oscillating
	No. of driving - steering wheels	4WD - 4WS
	Steering mode	Frontal/Concentric/Crab
	Service brake	Servo-assisted pedal, acting on front and rear wheels
	Parking brake	Hydraulic with negative action on front and rear axles
	Tyre sizes	29,5- R 25

Performance	Max. travel speed	25 km/h
	Gradeability (unladen)	52%
	Turning radius	9,710 mm

Weights	Total unladen*	37,600 kg
	Front axle unladen (boom retracted and lowered)*	14,400 kg
	Rear axle unladen (boom retracted and lowered)*	23,200 kg

Tank and system capacities	Diesel fuel	350 l
	AdBlue	40 l
	Hydraulic fluid	350 l
	Engine oil	27 l
	Coolant	51 l

Hydraulic circuit for movements	Circuit type	Load sensing
	Service pump	Variable displacement
	Max. hydraulic flow rate	209 l/min
	Max. boom head flow rate	100 l/min
	Max. working pressure	350 bar
	Distributor for boom movements	Proportional hydraulic distributor
	Movements control	Multifunction electro-proportional joystick

| Standards met | 2006/42/EC: EU Machinery Directive
2016/1628: EU Regulation on the emissions of stage V engines
EN 1459-X: Relating to standards on the safety requirements for variable reach machines
EN 280/EN 280-1/EN 280-2: standards relating to mobile elevating work platforms (if available)
ROPS/level 2 FOPS: relating to the standards for protective structures |
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