

Performance

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|------------------------------------------------------|-------------------------------|
| Rated capacity | 6,000 kg @ 600 mm Load Center |
| Max. lifting height (stabilisers fully extended) | 30 m |
| Capacity at max. height (stabilisers fully extended) | 2500 kg |
| Turret Rotation | 360° (Continuous) |
| Max. speed | 40.0 km/h |

Stabilisers

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|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Type | Telescopic scissors |
| Stabilization system | Ground pressure detection. Automatic levelling. Lifting capacity adjusted in proportion to stabiliser extension |

Weights

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|------------------|----------|
| Weight (unladen) | 21800 kg |
|------------------|----------|

Engine

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|-------------------------|-----------------------------|
| Make / Model | Volvo TAD 582 VE |
| Compliance | Stage V |
| Rated power (ISO 14396) | 160 kW (218 hp) @ 2,300 rpm |
| Maximum torque | 925 Nm @ 1,380 rpm |
| Number of cylinders | 4.0 |
| Displacement | 5.13 L |

Hydraulic System

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|---------------------------------|----------------------------------------|
| Pump type | Load Sensing pump |
| Pump capacity | 124.00 L/min |
| Relief valve pressure setting | 350.00 bar |
| Control valve (boom and turret) | Electro-proportional with flow sharing |

Drive System

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|--------------|--------------------------------------------------------------------------------------------------------|
| Transmission | Hydrostatic with electronic regulation / 4 wheel drive |
| Main drive | Electronically controlled variable displacement pump. Variable displacement motor. 2-speed gear box |

Traction

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|----------------|--------------|
| Standard tyres | 445/65 R22,5 |
| Towing force | 95.00 kN |
| Gradeability | 44.00 % |

Axles and brakes

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|---------------|-----------------------------------------------------------|
| Axle type | Oil-immersed axles with planetary gears |
| Rear axle | Oscillating and steering with hydraulic locking |
| Front axle | Oscillating and steering with levelling +/-8° |
| Service brake | Hydraulically operated wet multi-disk brakes on each axle |
| Parking brake | Hydraulic with negative action |

Steering

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|--------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Steering modes | 3 steering modes with semi-automatic wheel realignment. 2 wheel steering / 4 wheel steering / Crab-steer |
| External turning radius (with forks) | 4 m |

Fluid Capacities

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|---------------------|----------|
| Fuel tank | 270.00 L |
| Adblue | 40.00 L |
| Hydraulic reservoir | 195.00 L |

Environmental

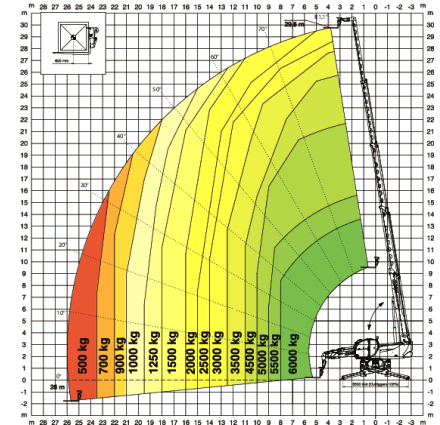
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|---------------------------------------|-----------------------|
| Operator noise level (LpA) (En 12053) | 73 dB(A) |
| Level of acoustic power (LWA) | 108 dB(A) |
| Whole body vibration (ISO 2631-1): | 0.62 ms ⁻² |
| Hand-arm vibration (ISO 5349-1) | 0.52 ms ⁻² |

Standards

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|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard compliance | EN 1459-2: slewing variable-reach trucks. EN 13000: hydraulic cranes. EN 280: mobile elevating work platforms. FOPS/ROPS cabin. EU 2016/1628: engine emissions |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|

Load Chart

360° LOAD CHART
ON FULLY EXTENDED STABILISERS



Dimensions - mm

