

TITAN® SERIES FLOATER Specifications



Models Titan 3020, Titan 3520, Titan 4020 & Titan 4520

MODEL	Titan 3020	Titan 3520	Titan 4020	Titan 4520
Engine* – Rated hp @ 2100 rpm/ Peak hp @ 1900 rpm	Case IH 9 L (549 cu. in.) – 305 hp (227.4 kW)/ 340 hp (253.5 kW)	Case IH 9 L (549 cu. in.) – 365 hp (272.2 kW)/ 380 hp (283.4 kW)	Case IH 9 L (549 cu. in.) – 305 hp (227.4 kW)/ 340 hp (253.5 kW)	Case IH 9 L (549 cu. in.) – 365 hp (272.2 kW)/ 380 hp (283.4 kW)
Transmission	Allison 3000 RDS 6-speed automatic	Allison 3000 RDS 6-speed automatic w/ two speed Fabco auxiliary	Allison 3000 RDS 6-speed automatic	Allison 3000 RDS 6-speed automatic w/ two speed Fabco auxiliary
Rear Axle	Axle Tech PRC 674 2 speed with wheel end planetary	Axle Tech PRC 674 2 speed with wheel end planetary	Axle Tech PRC 674 2 speed with wheel end planetary	Axle Tech PRC 674 2 speed with wheel end planetary
Front Axle	4.52 in. (115 mm) solid shaft, 2.76 in. (70 mm) axle bearings	4.52 in. (115 mm) solid shaft, 2.76 in. (70 mm) axle bearings	Axle Tech MS-25, 6.375 in. (162 mm) tubular drop axle	Axle Tech MS-25, 6.375 in. (162 mm) tubular drop axle
Frame	12 x 4 x 0.3125 in. HSLA cold formed steel w/high-strength reinforcement plates	12 x 4 x 0.3125 in. HSLA cold formed steel w/high-strength reinforcement plates	10 x 4 x 0.375 in. rectangular tube	10 x 4 x 0.375 in. rectangular tube
Dimensions				
Wheelbase	268 in. (6.8 m)	268 in. (6.8 m)	180 in. (4.57 m)	180 in. (4.57 m)
Cab to Axle	114 in. (2.89 m)	114 in. (2.89 m)	114 in. (2.89 m)	114 in. (2.89 m)
Cab to End of Frame	149 in. (3.78 m)	149 in. (3.78 m)	149 in. (3.78 m)	149 in. (3.78 m)
Overall Length	338 in. (8.58 m)	338 in. (8.58 m)	303 in. (7.7 m)	303 in. (7.7 m)
Overall Width	138 in. (3.5 m)	138 in. (3.5 m)	138 in. (3.5 m)	138 in. (3.5 m)
Overall Height	142.5 in. (3.62 m) with 66/66 in. tires	142.75 in. (3.63 m) with 66/73 in. tires	140.5 in. (3.57 m) with 48/66 in. tires	143 in. (3.63 m) with 54/73 in. tires
Weight	21,850 lbs. (9911 kg)	22,860 lbs. (10 369 kg)	20,790 lbs. (9430 kg)	21,800 lbs. (9888 kg)
Chassis Vehicle Rated Capacity				
Front Axle (Static)	14,000 lbs. (6350 kg)	14,000 lbs. (6350 kg)	16,000 lbs. (7257 kg)	16,000 lbs. (7257 kg)
Rear Axle (Static)	34,000 lbs. (15 422 kg)	34,000 lbs. (15 422 kg)	34,000 lbs. (15 422 kg)	34,000 lbs. (15 422 kg)
Total (Static)	48,000 lbs. (21 772 kg)	48,000 lbs. (21 772 kg)	50,000 lbs. (22 680 kg)	50,000 lbs. (22 680 kg)
Brakes – Front	Air (36 cu. in. chamber) over hydraulic applied 28 in. (711 mm) disc brake w/dual piston floating caliper	Air (36 cu. in. chamber) over hydraulic applied 28 in. (711 mm) disc brake w/dual piston floating caliper	Air applied 16.5 x 6 in. (419 x 152 mm) with 30 cu. in. chambers	Air applied 16.5 x 6 in. (419 x 152 mm) with 30 cu. in. chambers
Brakes – Rear	Air applied 16.5 x 5 in. with 36 cu. in. chambers	Air applied 16.5 x 5 in. with 36 cu. in. chambers	Air applied 16.5 x 5 in. with 36 cu. in. chambers	Air applied 16.5 x 5 in. with 36 cu. in. chambers
Brakes – Park	Spring applied, air release	Spring applied, air release	Spring applied, air release	Spring applied, air release
Tires – Front	66 x 43-25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial	66 x 43-25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial	48 x 31-20 bias, 14 ply; 750/45R26.5 radial; 54 x 31-26 bias, 10 ply	48 x 31-20 bias, 14 ply; 750/45R26.5 radial; 54 x 31-26 bias, 10 ply
Tires – Rear	66 x 43-25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial	66 x 43-25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial; 73 x 44-32 bias, 16 ply; 1050/50R32 radial	66 x 43-25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial	66 x 43-25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial; 73 x 44-32 bias, 16 ply; 1050/50R32 radial
Steering	Hydraulic w/flow control pump and load sensing dual displacement steering valve			
Fuel Capacity	150 gal. (568 L)	150 gal. (568 L)	150 gal. (568 L)	150 gal. (568 L)
Surveyor™ Cab	113 cu. ft. (3.2 m³) of interior space and 67 sq. ft. (6.22 m²) of tinted glass; Laminated front windshield; Optima™ air seat with swivel, lumbar, ride firmness, side to side and fore/aft shock isolation adjustment; Instructional seat; Right adjustable armrest control center that moves with the seat; Right-hand swing out window; Tilt/telescoping steering column and soft grip steering wheel; Climate control; A-post mounted instrumentation; Wired for radio including antenna, 2 speakers, and a subwoofer; Lighted controls with red spectrum right hand console lighting, map light and two dome lights; Two speed front wiper/washer; Five auxiliary power outlets; Front and rear visor; Auxiliary controller mounting points on A-pillar			
Battery	Two 12 volt heavy duty, low maintenance, 950 CCA			
Paint	Roof, bottom and side panels, hood and frame: Two part urethane. Cab metal parts: Thermal set acrylic			

* Case IH engine manufactured by CDC.

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

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