

TITAN™ 30 SERIES FLOATER SPECIFICATIONS

CASE II
AGRICULTURE



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SPECIFICATIONS	Titan 3030	Titan 3530	Titan 4030	Titan 4530
ENGINE				
Type	Case IH FPT 8.7 L (531 cu. in.) turbocharged, after-cooled, electronic controlled diesel, Tier 4A			
Horsepower @ 2100 rpm	330	400	330	400
Peak hp @ 2000 rpm	365	415	365	415
Fuel Capacity/DEF Capacity	150 gal. (568 L); 28 gal. (106 L)			
TRANSMISSION				
Standard	Allison 3000 RDS 6-speed automatic	Allison 3000 RDS 6-speed automatic w/2-speed Fabco auxiliary	Allison 3000 RDS 6-speed automatic	Allison 3000 RDS 6-speed automatic w/2-speed Fabco auxiliary
AXLE TYPE				
Rear Axle	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		Axle Tech MS-25, 6.375 in. (162 mm) tubular drop axle	
STEERING				
Standard	Hydraulic w/flow control pump and load sensing dual displacement steering valve			
DIMENSIONS				
Frame	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	
Wheelbase	268 in. (6.8 m)		180 in. (4.57 m)	
Cab to Axle			114 in. (2.89 m)	
Cab to End of Frame			149 in. (3.78 m)	
Overall Length	338 in. (8.58 m)		303 in. (7.7 m)	
Overall Width			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				
Standard	22,610 lbs. (10 256 kg)	23,620 lbs. (10 714 kg)	21,550 lbs. (9 775 kg)	22,560 lbs. (10 233 kg)
CHASSIS VEHICLE RATED CAPACITY				
Front Axle (Static)	14,000 lbs. (6 350 kg)		16,000 lbs. (7 257 kg)	
Rear Axle (Static)			34,000 lbs. (15 422 kg)	
Total (Static)	48,000 lbs. (21 772 kg)		50,000 lbs. (22 680 kg)	
BRAKES				
Front	Air (36 cu. in. chamber) over hydraulic applied, 28 in. (711 mm) disc brake with dual piston floating caliper		Air applied 16.5 x 6 in. (419 x 152 mm) with 30 cu. in. chambers	
Rear	Air applied 16.5 x 5 in. with 36 cu. in. chambers			
Park	Spring applied, air release			
TIRES				
Front	66 x 43 x 25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial		54 x 31 x 26 bias, 16 ply; 54 x 31 x 26 radial; 750/45R26.5 radial, 750/50R26 radial	
Rear	66 x 43 x 25 bias, 16 ply; 1000/50R25 radial; 1050/50R25 radial; 73 x 44 x 32 bias, 16 ply; 1050/50R32 radial			
CAB				
Standard	132 cu. ft. of interior space and 90.1 sq. ft. of total glass area; Laminated front windshield; Optima™ air seat with swivel, lumbar and ride firmness; Instructional seat; Right armrest control center that moves with the seat; RH swing out window; Tilt/telescoping steering column and soft grip steering wheel; Automatic temperature control; RH A-post mounted instrumentation; Wired for radio including antenna and four speakers; Cab interior illumination provided by a dome light, map light and opera light; Exterior platform/step light; Three-speed front wiper/washer; Eight auxiliary power outlets; Front and rear visors; Auxiliary controller mounting points on RH A-post		132 cu. ft. of interior space and 90.1 sq. ft. of total glass area; Laminated front windshield; Optima™ air seat with swivel, lumbar, ride firmness, side-to-side and fore/aft shock isolation adjustment; Instructional seat; Right armrest control center that moves with the seat; RH swing out window; Tilt/telescoping steering column and soft grip steering wheel; Automatic temperature control; RH A-post mounted instrumentation; Wired for radio including antenna and four speakers; Cab interior illumination provided by a dome light, map light and opera light; Exterior platform/step light; Three-speed front wiper/washer; Eight auxiliary power outlets; Front and rear visors; Auxiliary controller mounting points on RH A-post	
BATTERIES				
Standard	Two 12-volt heavy-duty, low maintenance, 950 CCA			
PAINT				
Standard	Roof, bottom and side panels, hood and frame: Two part urethane. Cab metal parts: Thermal set acrylic			



Specifications	TITAN 3030 (3-WHEEL)	TITAN 3530 (3-WHEEL)	TITAN 4030 (4-WHEEL)	TITAN 4530 (4-WHEEL)
- Engine				
Engine Rated Power, hp (kW)	330 (246)	400 (298)	330 (246)	400 (298)
Engine Peak Power, hp (kW)	365 (272)	415 (309)	365 (272)	415 (309)
Engine Make	Case IH FPT	Case IH FPT	Case IH FPT	Case IH FPT
Engine Model	8.7 L	8.7 L	8.7 L	8.7 L
Number of cylinders	6	6	6	6
Displacement, cu.in. (L)	531 (8.7)	531 (8.7)	531 (8.7)	531 (8.7)
Emission Tier Level	Tier 4A (Interim)	Tier 4A (Interim)	Tier 4A (Interim)	Tier 4A (Interim)
Fuel tank capacity, gal (L)	150 (568)	150 (568)	150 (568)	150 (568)
Diesel Exhaust Fluid (DEF) tank capacity, gal (L)	28 (106)	28 (106)	28 (106)	28 (106)
- Transmission and Speeds				
Transmission Make and Model	Allison 3000 RDS	Allison 3000 RDS + Fabco auxiliary	Allison 3000 RDS	Allison 3000 RDS + Fabco auxiliary
Transmission description	6-speed automatic	6-speed automatic w/2-speed transfer case	6-speed automatic	6-speed automatic w/2-speed transfer case
Maximum road speed, mph (kph)	np	np	np	np
- Axles, Brakes, Suspension				
Number of Wheels, total	3-Wheel	3-Wheel	4-Wheel	4-Wheel
Front Axle Description	4.52 (115) solid shaft	4.52 (115) solid shaft	AxleTech FS-25, non-drive	AxleTech FS-25, non-drive
Rear Axle Description	AxleTech PRC 674 2-speed	AxleTech PRC 674 2-speed	AxleTech PRC 674 2-speed	AxleTech PRC 674 2-speed
Front Brakes	28" caliper disc, air over hydraulic	28" caliper disc, air over hydraulic	16.5"x6" drum, air-actuated cam	16.5"x6" drum, air-actuated cam
Rear Brakes	16.5"x5" drum, air-actuated cam	16.5"x5" drum, air-actuated cam	16.5"x5" drum, air-actuated cam	16.5"x5" drum, air-actuated cam
Front axle suspension	Tricycle fork and kingpin	Tricycle fork and kingpin	Leaf spring	Leaf spring
Rear axle suspension	np	np	Leaf spring	Leaf spring
- Tires				
Front Tire size	66x43.00x25, 16PR	66x43.00x25, 16PR	54x31x26, 16PR STG	54x31x26, 16PR STG
Rear Tire size	66x43.00x25, 16PR	66x43.00x25, 16PR	66x43.00x25, 16PR	66x43.00x25, 16PR
Largest Front Tire option	1050/50 R32	1050/50 R32	750/50 R26	750/50 R26
Largest Rear Tire option	1050/50 R32	1050/50 R32	1050/50 R32	1050/50 R32
- Dimensions				
Wheelbase, in (mm)	268 (6807)	268 (6807)	180 (4572)	180 (4572)
Overall chassis length, ft-in (m)	28' 2" (8.59)	28' 2" (8.59)	25' 3" (7.70)	25' 3" (7.70)
Height to top of cab, ft-in (m)	11' 10" (3.62)	11' 11" (3.63)	11' 9" (3.57)	11' 11" (3.63)
Overall width, ft-in (m)	11' 6" (3.51)	11' 6" (3.51)	11' 6" (3.51)	11' 6" (3.51)
Crop clearance, in (mm)	3-wheel, no clearance	3-wheel, no clearance	np	np
- Weights				
Weight, bare chassis, lb (kg)	22,610 (10256)	23,620 (10714)	21,550 (9775)	22,560 (10233)
Weight, Optional Dry System, empty, lb (kg)	6,560 to 7,680 (2976 to 3484)	6,560 to 7,680 (2976 to 3484)	6,560 to 7,680 (2976 to 3484)	6,560 to 7,680 (2976 to 3484)

Weight, Optional Liquid System, empty, lb (kg)	7,370 to 7,620 (3343 to 3456)	7,370 to 7,620 (3343 to 3456)	7,370 to 7,620 (3343 to 3456)	7,370 to 7,620 (3343 to 3456)
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- Chassis Load Ratings

Front Axle Load Rating, lbs (kg)	16,000 (7257)	16,000 (7257)	16,000 (7257)	16,000 (7257)
Rear Axle Load Rating, lbs (kg)	34,000 (15422)	34,000 (15422)	34,000 (15422)	34,000 (15422)
Maximum Gross Vehicle Weight Rating, lbs (kg)	50,000 (22680)	50,000 (22680)	50,000 (22680)	50,000 (22680)

- Dry Application Systems Available

Dry Bin Applicator Make and Model	Case IH 810 Flex-Air	Case IH 810 Flex-Air	Case IH 810 Flex-Air	Case IH 810 Flex-Air
Single Bin Capacity, cu ft. (cu m)	287 (8.13)	287 (8.13)	287 (8.13)	287 (8.13)
Split Bin Capacity, cu ft (cu m)	116 and 171 (3.28 and 4.84)	116 and 171 (3.28 and 4.84)	116 and 171 (3.28 and 4.84)	116 and 171 (3.28 and 4.84)

- Liquid Application Systems Available

Liquid System Make and Model	Case IH 610	Case IH 610	Case IH 610	Case IH 610
Liquid System Capacity, gal (L)	1,800 (6814)	1,800 (6814)	1,800 (6814)	1,800 (6814)
Liquid System Capacity, maximum, gal (L)	2,000 (7571)	2,000 (7571)	2,000 (7571)	2,000 (7571)

- Sales Literature

Literature number	CIH11181101	CIH11181101	CIH11181101	CIH11181101
Literature date	November 2011	November 2011	November 2011	November 2011

- Manual

Manual number	--	--	--	--
Manual date	--	--	--	--

- Entry Date

Manufacturing Status	Current	Current	Current	Current
First Entry Date	August, 2014	August, 2014	August, 2014	August, 2014
Revision Date	--	--	--	--