

CASE II
AGRICULTURE

QUADTRAC & STEIGER AFS CONNECT™

TRACTORS - 406 TO 608 HP




AFS
CONNECT

MODELS	400 WHEELED	450 WHEELED / QUADTRAC	500 WHEELED / QUADTRAC	550 WHEELED / QUADTRAC	600 WHEELED / QUADTRAC
ENGINE					
Engine Type	Case IH FPT Tier 2				
Number of cylinders / Type	6 / Turbocharged and Intercooled				
Engine Aspiration	Wastegate turbo-charged, air-to-air after-cooled		Two-stage turbo-charged, air-to-air after-cooled		
Capacity (litres)	12.9				
Bore x Stroke (mm)	135 x150				
Rated Power ECE R1201) (KW/hp(CV))	298 / 400	336 / 450	373 / 500	410 / 550	447 / 600
Rated Engine Speed (rpm)	2100				
Maximum Power ECE R1201) (kW/hp(CV))	229 / 442	371 / 497	410 / 550	453 / 608	493 / 662
... at Engine Speed (rpm)	1900				
Maximum Torque (Nm/rpm)	1924 / 1400	2161 / 1400	2400 / 1400	2626 / 1400	2879 / 1400
Torque Rise Standard	40%				
Torque Rise Power Management	1,173	1,173	1,173 - 1,722	1,722	
Fuel Tank Wheel (litres)	NA	1,173	1,173 -1,779	1,779	
ELECTRICAL					
Alternator / Battery	12 Volt 240 Amp x 2 / @ 1000 cranking Amps				
Starting Power	24 Volt with solenoid switch				
TRANSMISSION					
Transmission (Standard)	Powerdrive full-powershift 16F/2R with16 Hi (40kph)				
Rear axle Diff-lock Type	Multi disc wet plate with management system				
Service Brake	Multiple Disc Wet, Integral With Front and Rear Axles				
AXLES					
Rear Bar Alxe Diameter Standard (mm)	127		140		
Bar Axle Width / Track (mm)	3048 - 4477 / 2997 - 3150		3048 - 4610 / 2997 - 3150		
Duals on PowerDrive	Optional				
Automatic Differential Lock	Standard				
FOUR-WHEEL DRIVE AND STEERING					
Type	Electro-hydraulic with management system				
Steering Angle Wheel / Quadtrac (°)	55	55 / 50	55 / 50	55 / 50	55 / 50
Min. Turning Radius @ Track Setting 1829 (mm)	5.2	5.2 / 6.2	5.5 / 6.0	6.0 / 6.0	6.0 / 6.0
POWER TAKE OFF					
Type	Electro-hydraulic Multi Plate Wet Clutch				
PTO - Optional	1000RPM				
Shaft Type	1 3/4 in. Shaft				
HYDRAULIC SYSTEM					
System Type	Pressure Flow Compensating (PFC)				
Pump Flow and System Type Main Hydraulic Standard/High Flow/Twin Flow (l/min)	159/ 216 / 427	159/ 216 / 427	159/ 216 / 427	159/ 216 / 427	159/ 216 / 427
System Pressure (bar)	215	215	215	215	215

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HYDRAULIC SYSTEM CONT.					
Three Point Linkage Lift Capacity (Optional)	8900kg (Quadtrac 8949kg)				
Category Type	Three point category IV - N				
Drawbar Vertical Capacity for Wheeled and Quadtrac only	4983kg (optional 6804kg)				
Max. Number of Remote Valves Standard / Optional	4 - 8 Electronical				
WEIGHT					
Base Shipping Weight (kg)	17,858	17,858 /23,416	19,885 / 23,416	22,602 / 24,042	22,602 /24,042
Max. Ballasted Weights (kg)	22,453	22,453 / 29030	25,401 / 29,030	29,937 / 29,030	29,937 / 29,030
Max. Permissible Weight Front (kg)	14,594	14,594 / 18,869	16,510 / 18,869	19,459 / 18,869	19,459 / 18,869
Max. Permissible Weight Rear (kg)	14,594	14,594 / 18,869	16,510 / 18,869	19,459 / 18,869	19,459 / 18,869
DIMENSIONS					
A: Approx. Total Length (mm)	7,493		7,615		
B: Approx. Total Height (mm)	4,048		4,141		
C: Approx. Total Width for Wheels (across Rear Fenders. Excluding Duals Wheels)	3,843	3,843	4,089	4,089	4,089
C: Approx. Total Width for Rowtrac (across Rear Fenders with 150 mm Extension. For 762 and 914 mm Tracks)	NA	2997 / 3150	2997 / 3150	2997 / 3150	2,997 / 3,150
D: Wheelbase Stand / Track (mm)	3,759	3,759 / 4,063	3,911 / 3,912	3,911 / 3,912	3,911 / 3,912
F: Track Setting Front (mm)	762 / 914	762 / 914	762 / 914	762 / 914	762 / 914
F: Track Setting Rear (mm)	762 / 914	762 / 914	762 / 914	762 / 914	762 / 914
STANDARD TYRES					
Front	710/70R42	710/70R42	710/70R42	710/70R42	710/70R42
Rear	710/70R42	710/70R42	710/70R42	710/70R42	710/70R42







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 Safety never hurts! Always read the Operator's Manual before working with any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided. This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment. Case IH recommends **AKCELA** lubricants.

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