## FARMALL® 105V TRACTOR SPECIFICATIONS





## FARMALL® 105V TRACTOR SPECIFICATIONS

SPECIFICATIONS	Farmall 105V
ENGINE	
Туре	4-cycle, diesel
Make/Model	FPT/F5C, Tier 3 emissions rating
Cylinders/Aspiration	4/Turbocharged & Intercooled
Displacement	274 cu in. (4.5 L)
Horsepower	Gross – 95/PTO – 82
Block Type	Parent Bore
Rated Speed RPM	2,300
Torque Rise	35%
Maximum Torque	293 lbsft. (398 Nm) @ 1300 rpm
FUEL AND AIR SYSTEMS	
Injection Pump	Bosch VE, rotary
Injection Type	Direct
Fuel Filter Type/Service Interval	Dual stage with water/sediment separator/600 hours
Fuel Tank Capacity	19.3 gal. (73.06 L)
Air Filter Type	Dry, Dual Element
Muffler	Under hood
Exhaust Outlet	Under right side of operator's station
TRANSMISSION	
Standard/Optional	16 x 16 with mechanical shuttle/16 x 16 with power shuttle
Clutch Type/Size (Mechanical)	Dry, 11 in. (280 mm) dia., heavy-duty cerametalic material
Clutch Type/Size (Electro-hydraulic)	Wet, six plates, 5.2 in. (133 mm), organic material
Maximum Speed	18.6 mph (30 kph)
FRONT AXLE	
2 WD – Steering Angle	57 degrees
FWD – Front Differential Lock	Fully locking, electro-hydraulic engaged
FWD – Steering Angle	55 degrees
ELECTRICAL	
Battery	12 volt (800 cca)
Alternator	120 amp
Cold Start	Grid Heater
HYDRAULIC SYSTEM	
System Type	Open Center
System Pressure	2,755 psi (190 bar)
Implement Pump Flow	17.2 gpm (65 L/Min)
Steering & Services Pump	9.2 gpm (34.8 L/Min)
Remote Valves	2 std./3 opt. (with flow control)
Draft Control	Mechanical
Upper/Lower Limit Setting	Lift-O-Matic
3-Pt. Hitch Lift Capacity (24" behind lift point)	4,045 lbs. (1 835 kg)

SPECIFICATIONS Farmall 105V REAR PTO 540/1.000 rpm, mechanical with Standard hydraulic servo-assist TURNING RADIUS 2WD – without brakes 9.8 ft. (3 m) FWD – without brakes 112.2 ft. (3.4 m) WEIGHTS (APPROX) - WITH 380/70/R20 TIRES 2WD without cab 5,307 lbs. (2 407 kg) 2WD with cab 5,580 lbs. (2 531 kg) FWD without cab 5,878 lbs. (2 666 kg) FWD with cab 6,151 lbs. (2 790 kg) DIMENSIONS - PLATFORM DECK WITH CAB OR ROLLBAR Wheelbase - 2WD 85.3 in. (2 166 mm) Wheelbase - FWD 85.8 in. (2 180 mm) Tire Track Widths\* Front 2WD 34 in. (864 mm) - 42.4 in. (1 076 mm) Front FWD 34.3 in. (871 mm) – 41.3 in. (1 049 mm) Rear 31.1 in. (791 mm) - 49.6 in. (1 261 mm) Minimum Overall Width with 42.5 in. (1 080 mm) 380/70/R24 tires Height to Top of Rollbar with 88.6 in. (2 250 mm) 380/70/R20 tires Height to Top of Dash with 50.8 in. (1 290 mm) 380/70/R20 tires Height to Top of Cab with 84.6 in. (2 148 mm) 380/70/R20 tires

## Features

- Designed to fit perfectly between vineyard rows
- Minimum width between 42.5 inches and 49.0 inches (depending on tire size)
- Minimum overall height of 51 inches to get through tight rows
- Plenty of lugging power with 4.5L turbocharged and intercooled engine
- Cab isolation mounting provides a smooth comfortable ride for operators
- Convenient 16×16 power or mechanical shuttle transmission



\* Measurements may vary depending on tire size

SAFETY NEVER HURTSI<sup>TM</sup> Always read the Operator's Manual before operating 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. CNH America LLC reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice. Availability of some models and equipment builds varies according to the country in which the equipment is used.

©2013 CNH America LLC. All rights reserved. Case IH is a registered trademark of CNH America LLC. Any trademarks referred to herein, in association with goods and/or services of companies other than CNH America LLC, are the property of those respective companies. Printed in U.S.A. www.caseih.com CIH02091301