



Make	Case IH
Model	Farmall 120C Tier 4B (2015)
<b>Engine Performance</b>	
Advertised Engine Power, Rated, hp (kW)	117 (87)
Maximum Engine Power, hp (kW)	Same as advertised
Rated Engine Speed, rpm	np
Power Boost, hp (kW)	No boost
Fuel Tank capacity, gal (L)	30.3 (115)
Diesel Exhaust Fluid (DEF) tank capacity, gal (L)	2.8 (10.6)
<b>PTO Performance</b>	
PTO Horsepower, Basic / Optional Transmission, hp (kW)	99 (74)
PTO Speeds, rpm	540/540E std; 540/1000 opt.
PTO operational Type (Independent; Live; Continuous)	Independent
<b>Basic Engine</b>	
Engine Make	Case IH FPT
Engine Model	3.4 L
Number of Cylinders	4
Displacement, cu in (L)	207 (3.4)
Engine Bore, in (mm)	3.90 (99)
Engine Stroke, in (mm)	4.331 (110)
Block Design, Replaceable Liners	Parent bore block
Aspiration, Turbocharged or Naturally Aspirated	Wastegate turbocharged and aftercooled
<b>Fuel System</b>	
Fuel System Description	High Pressure Common Rail
Fuel System Control, Electronic or Mechanical	Electronic
Fuel Injection to combustion chamber, Direct or Indirect	Direct
<b>Emission and Exhaust Treatment</b>	
Emission Level, US EPA Tier	Tier 4B / Final
Selective Catalytic Reduction (SCR) w/Diesel Exhaust Fluid (DEF)	SCR with DEF
Exhaust Gas Recirculation (EGR)	Cooled EGR
Cleanup Catalyst (CUC)	CUC standard
Diesel Oxidation Catalyst (DOC)	DOC standard
Diesel Particulate Filter (DPF)	No
Exhaust Pipe, Vertical stack or Horizontal	Vertical stack
<b>Cooling System</b>	
Fan Drive Type	Belt
<b>Electrical System</b>	
System Rating, Volts	12
Alternator Rating, Amps	np
<b>Basic Transmission Configuration</b>	
Manufacturer's Description	12x12 Power Shuttle
Transmission Type	4 synchro gears in 3 non-synchro ranges
Number of Forward / Reverse Speeds	12F / 12R
Maximum Speed Forward, mph (kph)	18.6 (30)
Creeper Range Available	Optional 20x20
Shuttle (Forward-Reverse) Available	Standard

### Optional Transmission 1

Manufacturer's Description	24x24 Power Shuttle & Hi-Lo
Transmission Type	4 gears, 3 ranges with Hi-Lo
Number of Forward / Reverse Speeds	24F / 24R

### Optional Transmission 2

Manufacturer's Description	12x12 Synchro Shuttle
Transmission Type	Mechanical shuttle
Number of Forward / Reverse Speeds	12F / 12R

### Wheel or Track Configuration

Drive Wheels or Tracks; 2WD, 4WD, 2WD / 4WD, 2 Tracks or 4 Tracks	4WD std; 2WD opt. (later in 2015)
Steering Configuration: Front Steer, Frame Articulated, or Track-type Steer	Front Steer

### Rear Axle Assembly

Final Drive Location and Description	Inboard planetary
Axle Output End, Flange or Bar	Flange
Axle Bar Diameter, in (mm)	No bar axle

### Front Axle

Suspended Front Axle Available	No
--------------------------------	----

### Brakes

Service Brake Type	Wet disc
--------------------	----------

### Hydraulic System

Hydraulic System Type	Open center
Main Hydraulic Pump Type	np
Implement Pump Flow, gpm (Lpm)	16..9 (64)
Optional Pump Flow, gpm (Lpm)	No option
Number of Standard Remote Valves	2 std; 3rd dealer install

### 3-Point Hitch Features

3-Point Hitch Category	Category 2
Optional Hitch Category	Convertible to Category 1
Draft Sensing or Lift Control	Draft sensing top link
Draft Link Ends Telescopic	Standard

### 3-Point Hitch Lift Capacity

Standard Lift Capacity 24 Inches behind pin, lb (kg)	4,339 (1968)
Optional Lift Capacity 24 Inches behind pin, lb (kg)	5,620 (2549)
Standard Lift Capacity at lift pin, lb (kg)	np
Optional Lift Capacity at lift pin, lb (kg)	np

### Drawbar

Drawbar Description	Swinging, extendable
---------------------	----------------------

### Wheelbase / Trackbase

Wheelbase, 2WD, in (mm)	92.2 (2343)
Wheelbase/Trackbase, MFD/4WD or Track, in (mm)	90 (2285)

### Length

Length, 2WD, incl. Hitch/Drawbar, in (mm)	163.1 (4144)
Length, MFD/4WD or track, incl. Hitch/Drawbar, in (mm)	160.1 (4086)

### Vertical Dimensions

Height to Top of Cab, in (mm)	98.2 to 102.1 (2494 to 2594)
Height to Top of ROPS raised, in (mm)	102.6 to 106.5 (2606 to 2706)

### Width w/Tires or Tracks

Overall Width, with standard wheels or tracks, in (mm)	75.7 (1923) across fenders
--	----------------------------

### Weight (w/Tires or Tracks)

Weight, 2WD w/ROPS, lb (kg)	6,989 (3170)
Weight, MFD/4WD w/ROPS, lb (kg)	7,672 (3480)
Weight, 2WD w/Cab, lb (kg)	7,474 (3390)

Weight, MFD/4WD or Tracks w/Cab, without ballast, lb (kg)	8,157 (3700)
Weight, Total allowable, w/maximum ballast, lb (kg)	np

**Tire / Track Size**

Front Tire Size, 2WD	7.50x16 to 11L-15
Front Tire Size or Track Width, MFD/4WD or Track	14.9 R24, R1W
Rear Tire Size or Track Width	18.4 R34, R1W

**Sales Literature**

Literature Number	--
Literature Date	--

**Secondary Literature Source**

Secondary Literature Number	--
Secondary Literature Date	--

**Other Documentation**

Document Number	TA-1418-15
Document Date	2/1/2015

**Status and Entry Dates**

Manufacturing Status, Current or Archive	Current
First Entry Date	3/1/2015
Revision Date	--

na = Not Applicable, np = Not Published

UNCONTROLLED COPY