

# AGRICULTURAL PRODUCTS

## JOHN DEERE TRACTORS

### 5100M Utility Tractor

#### Equipment for Base Machine

#### ENGINE:

100 Engine Horsepower @ 2200 rpm\*  
 85 PTO Horsepower @ 2100 rpm\*  
 EPA Final Tier 4 Emissions Compliant  
 Turbocharger with Intercooler  
 4.5L PowerTech Diesel Engine  
 Turbocharger with Intercooler  
 4 Valve HPCR  
 Dry Type Air Cleaner with Safety Element  
 DEF Tank capacity (3.2 gal)  
 Cold Start Aid - Air Intake Heater  
 Hand and Foot Throttle  
 Key Engine Shut Off  
 Water Separator Bowl

#### TRANSMISSION:

EH Differential Lock  
 Hydraulic Oil Cooler  
 Wet Traction Clutch  
 Park Lock  
 Neutral Start Safety Switch

#### REAR AXLE:

Flanged Rear Axle  
 Planetary Final Drives

#### FRONT AXLE:

Planetary Final Drives

#### STEERING AND BRAKES:

Hydrostatic Power Steering  
 Hydraulic Wet Disk Brakes Self-Equalizing and Self-Adjusting

#### HYDRAULIC:

Open Center Hydraulic System  
 Tandem Gear Pump 24.7 gpm (94 lpm)  
 Maximum Total Flow -  
 Steering Pump 6.3 gpm (24 lpm)  
 Implement Pump 18.4 gpm (70 lpm)

#### POWER TAKE-OFF SHAFT:

Independent "Live" 540 rpm Rear PTO Shaft @ 2100 Engine rpm  
 Economy PTO Setting for 540 PTO rpm @ 1645 Engine rpm  
 Electrohydraulic PTO Engagement  
 Wet PTO Clutch  
 Operator Presence Safety Warning - PTO  
 Safety Start Switch  
 Flip Up PTO Shield

#### ROCKSHAFT, HITCH AND DRAWBAR:

65-mm Lift Cylinder  
 Standard Adjustable Straight Drawbar  
 Telescoping Draft Links with Category II Balls  
 Lower Link Draft Sensing

#### INSTRUMENTATION:

Electric Fuel Gauge  
 Flashing Warning Lamp  
 High Beam Indicator Light  
 Service Transmission Indicator  
 PTO Speed Indicator/Roll Mode  
 Neutral Indicator (PR Only)  
 Tachometer/Hour Meter  
 Engine Oil Pressure  
 Hydraulic Temperature Indicator  
 Coolant Temperature Gauge  
 Diesel Exhaust Fluid Gauge with low DEF Warning Signal  
 Alternator Indicator Light  
 Air Restriction Indicator Light  
 Exhaust Filter Cleaning Switch  
 Roll Mode for Instrument Cluster  
 PTO Engagement Light (Rear PTO)

#### ELECTRICAL:

12-Volt Electrical System  
 One Battery - 925 CCA\*\* with 180 Minute Reserve Capacity  
 7-Pin ASAE Outlet Socket

#### LIGHTS:

Two Front Halogen Headlights  
 Two Turn/Warning Lights  
 Dual Tail Lights

#### MISCELLANEOUS:

Slow-moving Vehicle (SMV) Emblem  
 Toolbox

\* Manufacturer's Rating

\*\* Cold Cranking Amps

Code	Attachment Identifier	Description	Ref.	List Price Suggested USD (\$)
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Select One Code From Each Required Category

#### BASE MACHINE

253CLV	5100M Utility Tractor	925K0816	65,996.00
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#### DESTINATION

0240	American Samoa	No Added Cost
0245	Guam	No Added Cost

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<b>DESTINATION ...Continued...</b>				
0203		Puerto Rico		No Added Cost
024H		US Minor Outlying Islands		No Added Cost
020A		US Virgin Islands		No Added Cost
0207		Saint Pierre and Miquelon		No Added Cost
<b>North America</b>				
0202		United States		In Base Price
0184		Canada		No Added Cost
0205		French Quebec		No Added Cost
<b>OPERATOR'S MANUAL</b>				
0409		ENGLISH		In Base Price
0413		FRENCH		No Added Cost
0437		SPANISH		No Added Cost
<b>TRANSMISSION</b>				
1362		12F/14R SyncShuttle Plus (30k) <i>Requires Option Code 2010 (Standard OOS) or 2055 (Standard Cab).</i> <i>Requires Option Code 4010 (Mechanical rear hitch)</i>	042K504	-3,252.00
1380		16F/16R PowrReverser		In Base Price
1390		32F/16R PowrReverser Hi-Lo (40k) <i>Requires Option Code 6040 (MFWD).</i> <i>Requires Option Code 4030 (ElectroHydraulic (EH) rear hitch).</i> <i>Not compatible with Option Code 2010 (Standard OOS).</i>	141K372	1,782.00
1394		32F/16R PowrReverser Hi-Lo (40k) with Creeper <i>Requires Option Code 6040 (MFWD).</i> <i>Requires Option Code 4030 (ElectroHydraulic (EH) rear hitch).</i> <i>Not compatible with Option Code 2010 (Standard OOS).</i>	973K511	4,561.00
<b>OPERATOR'S STATION</b>				
2005		Premium Isolated Open Operator Station <i>Includes all features of Standard Isolated Open Operator Station plus:</i> <i>Fender Extensions with Front Work Lights</i> <i>Requires Option Code 4030 (ElectroHydraulic (EH) rear hitch)</i> <i>29 U.S. Gallon (111 L) Fuel Tank Capacity</i>	494K13	537.00
2010		Standard Isolated Open Operator Station <i>Isolated Open Operator Station with Flat Floor</i> <i>Standard Floor mat</i> <i>Tilt and Telescoping Steering Column</i> <i>2-Post Isolated Foldable Roll-Over Protection Structure (ROPS)</i> <i>Plexiglass Debris/Air Deflector with Grab Handles</i> <i>Speedometer</i> <i>Deluxe Seat with Swivel, Armrests, and Retractable Seat Belt</i> <i>Beverage Holder</i>		In Base Price

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Code	Attachment Identifier	Description	Ref.	List Price Suggested USD (\$)
<b>OPERATOR'S STATION ...Continued...</b>				
		Two Rear Work Lights Flashing Warning Lights Dual Taillights 29 U.S. Gallon (111 L) Fuel Tank Capacity Requires Option Code 4010 (Mechanical rear hitch)		
2055		Standard Cab Deluxe Isolated Cab with Flat Floor Tilt and Telescopic Steering Column Left and Right Side Doors with Steps Air Conditioning and Heater Speedometer Beverage Holder Sunvisor for Front Window 2-Speed Front Windshield Wiper and Washer Two Front/Two Rear Roof-Mounted Work Lights Two Front/Two Rear Roof-Mounted Warning Lights Two Fender-Mounted Taillights Convenience Power Outlet Monitor Mounting Bosses (2 Sets) Swing-Out Rear Window with Two Removable Rear Plugs for Monitor Right-Hand Console Light Radio Preparation (with speakers, wiring) Rear window grab handle Bluetooth Ready 36 U.S. Gallon (139 L) Fuel Tank Capacity 29 U.S. Gallon (111 L) Fuel Tank Capacity (High Crop Cab models) Requires Option Code 3025 (Deluxe Corner Post Exhaust).	059K521	12,365.00
2060		Premium Cab Includes Premium package, all features of Standard Cab plus: Load View Window (Sunroof) with Shade Front Sunshade Factory Installed Radio (Bluetooth and Satellite Capable) Rear Window Wiper Radio Antenna Additional Defrost Louvers Requires PowrReverser Transmission (1380, 1382, 1390 or 1394) Requires Option Code 3025 (Deluxe Corner Post Exhaust). Requires Option Code 4030 (ElectroHydraulic (EH) rear hitch) Requires Option code 6040 (MFWD)	941K0873	14,122.00
2065		Narrow Cab Includes all features and dimensions of Standard Cab with Narrow Fenders, plus High Capacity Fuel Tank 42 U.S. Gallon (161 L) Fuel Tank Capacity Requires Option Code 3025 or 3010 (Deluxe Corner Post Exhaust or Horizontal Side Exhaust)	511K0289	13,363.00
<b>MIRRORS</b>				
2511		Mirror Telescopic LH & RH Available on Cab Tractors only	402K46	320.00
2500		Less Rear View Mirrors Available on Cab Tractors only		In Base Price
<b>SEAT</b>				
2100		Mechanical Suspension seat		In Base Price

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Code	Attachment Identifier	Description	Ref.	List Price Suggested USD (\$)
<b>SEAT ...Continued...</b>				
2120		Air Suspension seat	846K86	892.00
2121		Premium Air Suspension Seat <i>Includes heater and low frequency air suspension. Available on Cab Tractors only.</i>	171K094	1,421.00
<b>CAB INSTRUCTIONAL SEAT</b>				
2400		Less Instructional Seat		In Base Price
2410		Instructional Seat with Seat-belt <i>Available on Cab Tractors only.</i>	994K51	587.00
<b>EXHAUST</b>				
3010		Horizontal Side Exhaust	923K81	496.00
3020		Vertical Exhaust <i>Available on Open Operator Station Tractors Only.</i>		In Base Price
3025		Corner Post Deluxe Exhaust <i>Available on Cab Tractors Only.</i>	184K88	634.00
<b>SELECTIVE CONTROL VALVES</b>				
3325		2 Mechanical Stackable Rear SCV		In Base Price
3326		3 Mechanical Stackable Rear SCV	877K16	931.00
<b>MID SELECTIVE CONTROL VALVES</b>				
3400		Less Mid SCVs <i>Requires Code 4010 (Mechanical Rear Hitch Controls)</i>	327K82	-1,016.00
3420		2 Stackable Mid SCVs with Mechanical Joystick control		In Base Price
3430		3 Stackable Mid SCVs with Mechanical Joystick Control	016K26	813.00
<b>REAR POWER TAKE-OFF (PTO)</b>				
3820		Two Speed PTO - 540/540E		In Base Price
<b>HITCH CONTROLS</b>				
4010		Mechanical Rear Hitch Control <i>Not compatible with Code 2005 or 2065 (Premium Open Operator Station or Premium Cab)</i>		In Base Price
4030		Electronic Hitch Control with Remote Control on LH Fender <i>Not compatible with Code 2010 (Standard Open Operator Station)</i>	233K84	499.00
<b>DRAFT LINK</b>				
4110		Telescoping Draft Links with Ball End - Cat.2		In Base Price

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<b>CENTER LINK</b>				
4210		Mechanical Center Link with Ball Ends - Cat. 2		In Base Price
<b>STABILIZER</b>				
4420		LH & RH Stabilizer Bar		In Base Price
<b>LIFT LINK</b>				
4160		LH Only Adjustment Lift Link <i>Right Hand side is Fixed.</i>		In Base Price
<b>FRONT AXLE</b>				
6020		2WD Front Axle <i>Requires Code 1362 or 1380 (12F/4R SyncShuttle Plus or 16F/16R PowrReverser)</i>	795K564	-7,227.00
6040		MFWD Front Axle		In Base Price
<b>REAR WHEELS AND TIRES</b>				
5103		22.5LL-16.1 In. 6PR R3 (Turf Special) Bias <i>MFWD Requires Code 6123. 2WD Requires Code 6103 or 6113.</i>	621K159	-1,506.00
5121		16.9-30 6PR R1 Bias <i>2WD Requires Code 6112 or 6113 (Firestone) MFWD Requires Code 6111 (Goodyear)</i>	991K683	-2,187.00
5133		460/85R30 (18.4R30) R1W Radial <i>MFWD Requires Code 6203 (Firestone) 2WD Requires Code 6112 (Firestone)</i>		In Base Price
5141		380/85R38 (15.5R38) 125A8 R1W Radial <i>Requires Code 6210 (Firestone)</i>	909K77	-1,270.00
5151		230/95R48 134A8 R1W Radial <i>Requires Code 6131 (Kleber) for High Clearance Applications.</i>	791K74	227.00
5155		320/85R36 (12.4R36) R1W Radial <i>Requires Code 6180</i>	876K39	-831.00
5180		420/85R30 (16.9R30) R1W Radial	766K7	-88.00
5191		460/85R34 (18.4R34) R1W Radial <i>Requires Code 6120</i>	701K61	210.00
5192		19.5L-24 In. 10PR R4 Bias <i>Requires Code 6133 (Goodyear). 2WD Requires Code 6113 (Firestone).</i>	391K699	-2,207.00
5202		420/85R34 (16.9R34) R1W Radial <i>Requires Code 6210</i>	182K6	34.00
5203		480/70R34 R1W Radial	957K19	935.00
5205		23.1-26 8PR R3 <i>MFWD Requires Code 6214 (Titan). 2WD Requires Code 6103 or 6113 (Titan).</i>	466K91	-898.00

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#### REAR WHEELS AND TIRES ...Continued...

#### REAR TIRE BRAND PREFERENCE

5999		No Rear Tire Brand Preference		In Base Price
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#### FRONT WHEELS AND TIRES

*See Loader Section of the Sales Manual for Front Tire/Loader compatibility information.*

6103		27/12LL-15 In. 6PR R3 (Turf Special) Bias	451K528	-1,985.00
6111		11.2-24 6PR R1 Bias <i>Goodyear Brand</i>	009K24	-1,200.00
6112		11L - 15 in. 8PR F2 Bias <i>Firestone Brand</i>	111K881	-2,443.00
6113		11LL-15 In. 8PR F3 (Truck Type) Bias <i>Firestone Brand</i>	631K862	-2,419.00
6120		380/85R24 - 14.9R24 R1W Radial	536K07	789.00
6123		12LL-16.1 6PR R3 (Turf Special) Bias	461K384	-1,798.00
6131		230/95R32 126A8 R1W Radial <i>Kleber Brand. Recommended for High Clearance Applications</i>	802K61	340.00
6133		12.5/80-18 In. 12PR R4 Bias <i>Goodyear Brand</i>	791K252	-1,627.00
6180		280/85R24 (11.2R24) R1W Radial	558K8	-115.00
6200		320/85R24 (12.4R24) R1W Radial		No Added Cost
6203		320/85R24 (12.4R24) R1W Radial <i>Firestone Brand</i>		In Base Price
6210		340/85R24 (13.6R24) 125A8 R1W Radial <i>Firestone Brand</i>	724K89	636.00
6211		380/70R24 R1W Radial	957K19	935.00
6214		44X18-20 4PR R3 Bias <i>Titan Brand</i>	725K66	-736.00

#### FRONT TIRE BRAND PREFERENCE

6799		No Front Tire Brand Preference		In Base Price
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#### CAB OPERATOR'S STATION

8280		Rear Window Wiper <i>In Base Equipment for R4 Premium Cab. Option applies to Standard Cab Only.</i>	232K30	299.00
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Code	Attachment Identifier	Description	Ref.	List Price Suggested USD (\$)
<b>POWER TAKE-OFF (PTO) CONTROLS</b>				
8386		PTO Remote Control and LH and RH Fenders	055K0	65.00
<b>HITCH CYLINDERS</b>				
8458		70 mm Hitch lift cylinder	432K76	359.00
<b>FRONT FENDERS</b>				
8010		Front Fenders - Rigid (Axle Mounted) <i>Front fenders will restrict some front tires</i>	374K47	581.00
8015		Front Fenders - Turnable (Axle Mounted) <i>Front fenders will restrict some front tires</i>	616K87	893.00
8020		Rear Fender Extensions (Cab) <i>Not Compatible with Narrow Cab.</i>	811K94	253.00
<b>LIGHTING EQUIPMENT</b>				
8725		Beacon Light LH Side mounted - (RH side traffic)	861K67	218.00
<b>FRONT LOADER PREPARATION PACKAGES</b>				
8910		Loader Preparation Package <i>Compatible with 540M (Previously H260) or H310 Loader. Includes loader mounting frames and hood guard</i>	551K397	1,815.00
<b>MISCELLANEOUS</b>				
8300		Cold Weather package - Coolant heater <i>Includes Coolant Heater</i>	617K1	93.00
8955		Front Weight Support - (55 kg/121 lbs.)	611K48	193.00
8310		High Capacity Fuel Tank <i>Inner Fuel Tank 29 L/7 gal. additional for Open Station and High Crop Models, 31 L/8 gal. additional for Cab.</i> <i>* All Narrow Cab and 5115M models have high capacity tank in base equipment</i>	551K65	215.00
<b>ATTACHMENTS FOR FIELD CONVERSION</b>				
<b>Accessories</b>				
RE574454		38.1-mm (1.5-in.) ball mount and socket arm	333K6	54.22
PF80459		Bracket, Arm, RAM Double Socket	092K0	29.99
PF80460		Mount - RAM U-Bolt	684K0	60.72
RE558821		Mounting Ball Stud	161K3	19.64
AL212683		Mounting Parts - Display Mount RAM	978K4	126.82
UC17356		RAM Mount Vesa Bracket 1.5	007K7	110.00