

470 P Excavator Base Machine



JOHN DEERE

01-Mar-2022

Code	Description	QTY	List Price (USD)
04K0FF	470 P Excavator Base Machine	1	\$515,368.00
	<p>HYDRAULICS:</p> <p>Open Center, Load Sensing with Variable Displacement Pumps</p> <p>Hydraulic Pilot Controls</p> <p>Axial Piston Swing Motor</p> <p>Multiple Wet Disk Swing Brake</p> <p>Auxiliary Valve Section</p> <p>Adjustable Flow for Attachments Through Monitor</p> <p>Boom and Arm Reduced Drift Valves</p> <p>Mechanical Pattern changer</p> <p>Hydraulic Tank Site Gauge</p> <p>4,000 Hour Hydraulic Oil Change Interval</p> <p>Variable Reversing Fan now included in base machine.</p> <p>UNDERCARRIAGE:</p> <p>Two Speed Propel with Auto-Shift</p> <p>Axial Piston Propel Motors</p> <p>Propel Motor Shields</p> <p>Planetary Final Drives</p> <p>Sealed and Lubricated Track Chain</p> <p>Front and Center Track Guides</p> <p>X-Frame Car Body</p> <p>Hydraulic Track Adjuster</p> <p>Nine Lower Rollers</p> <p>Three Upper Rollers</p> <p>Spring Applied Hydraulic Released Propel Brake</p> <p>UPPER STRUCTURE:</p> <p>Right and Left Mirrors</p> <p>Toolbox</p> <p>Vandal Locks for:</p> <p>Cab Door</p> <p>Service Doors</p> <p>Fuel Cap</p> <p>Tool Box</p> <p>Deluxe Front LED Work Lights:</p> <p>One Mounted on Frame</p> <p>Two Mounted on Boom</p> <p>Two Mounted on Cab</p> <p>Debris Screen in Side Panel</p> <p>Remote Mounted Engine Oil Filter</p> <p>Chrome Exhaust</p> <p>FRONT ATTACHMENT:</p> <p>Centralized Lubrication System</p> <p>Dirt Seals on Bucket Pins</p> <p>Less Boom</p> <p>Less Arm</p> <p>Less Bucket</p> <p>OPERATOR'S STATION:</p> <p>Adjustable Control Positions (Levers to Seat, Seat to Pedals)</p>		

- 4" Arm Rests Attached to Side Consoles
- Pilot Control Shut-Off Lever
- Short Stroke, Low Effort Pilot Levers
- Deluxe Adjustable, Heated Cloth Seat with Air Suspension, Reclining Backrest, Headrest, and Adjustable Lumbar Support
- Multifunction, Color LCD Monitor System with:
- Diagnostic Capability
- Systems Monitoring Capability
- Multiple Language Capability
- Maintenance Tracking
- Engine Coolant Temperature Gauge
- Engine Coolant Temperature Warning Indicator with Audible Alarm
- Engine Oil Pressure Warning Indicator with Audible Alarm
- Fuel Gauge with Low Fuel Indicator
- Work Mode Indicator
- Auto Idle Indicator
- Auto Shut Down Indicator
- Alternator Charge Indicator
- Air Filter Restriction Indicator
- Fault Code Alert Indicator
- Check Engine Indicator
- Wiper Mode Indicator
- Work Lights On Indicator
- Fuel Rate Display
- Clock
- Hour Meter
- Mode Selection:
- One Work Mode
- Three Power Modes
- Boom Mode
- Numerous Attachment Modes
- Auto-Climate Control/Air Conditioner, Heater with Pressurizer
- AM-FM Radio
- Right, Rear and Left Camera System
- Machine Information Center (MIC)
- Windshield Wiper/Washer with Intermittent Speed
- 12V-60W, 5 Amp Cell Phone Power Outlet
- 2 In. Retractable Seat Belt
- Tinted Safety Glass
- Hot/Cold Box Compartment
- Horn
- Two Cup Holders
- Interior Light
- Coat Hook
- Floor Mat
- Motion Alarm with Cancel Switch
- Transparent Tinted Roof Hatch with Sunshade
- Easy Access Air Conditioning Filter

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DESTINATION AND LANGUAGE

Destination Codes	Basic Factory Options - Required
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0184	Destination Code - Canada	No Added Cost
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0202 Destination Code - United States No Added Cost

0203 Destination Code - Puerto Rico (U.S. Territory) No Added Cost

0245 Destination Code - Guam No Added Cost

Operator's Manual and Decals Basic Factory Options - Required

0259 English Customer Delivery Packet No Added Cost

PACKAGES

Trim Packages Basic Factory Options - Required

0603 Level 3 \$4,300.00
 Includes:
 - Seat, Heated Air-Suspension
 - Deluxe Front LED Worklights
 - Chrome Exhaust

0604 Level 4 \$5,500.00
 Includes:
 - Seat, Premium Leather – Thermal Heating and Active Cooling
 - Deluxe Front LED Worklights
 - Chrome Exhaust

OPERATOR'S STATION AND CONTROLS

Obstacle Intelligence Basic Factory Options - Required

1101 Right, Rear and Left Camera System \$4,378.00
 Includes:

- Right, Rear and Left LED Lighting

PRECISION TECHNOLOGY SOLUTIONS

Machine Connectivity

Basic Factory Options - Required

170K JDLink™ Ultimate 5 Year Subscription with 50 Hour Temp License No Added Cost
Includes:
- Integrated cab wiring harness, antenna, and JDLink Modem (MTG)
JDLink connectivity is enabled separately through the JDLink website. Connectivity service is subject to country availability.

Grade Systems

Basic Factory Options - Required

2000 Less Grade Reference Ready Mounts No Added Cost

2001 Grade Reference Ready Mounts \$1,555.00
Includes:
- Mounting points on bucket link, arm and boom for grade reference sensors.
Sensors, manufacturing specific mounts, wiring harness and monitor provided by OEM suppliers.

2002 2D Integrated Grade Guidance, Topcon \$16,648.00
2D Grade Guidance system fully integrated into the cab and structures. Intuitive functionality with built-in audible tones and light bars, matched with precise real-time bucket cutting edge position information of relative depth and slope, provide clear guidance to target grade. Consists of sensors, controllers and in-cab display for configuring, monitoring, and measuring grade.

2003 3D Integrated Grade Guidance, Topcon - 915 Mhz & 450 Mhz Radio \$49,608.00
3D Grade Guidance system fully integrated into the cab and structures. Intuitive functionality with built-in audible tones and light bars, matched with precise real-time bucket cutting edge position information, including relative depth and slope to 3 dimensional design plans. Consists of UHF transmitter/receiver, sensors, and in-cab display for configuring, monitoring, and measuring grade. Includes Topcon 3D-MC² software compatible with Topcon file formats.

2004 SmartGrade™ Ready 2D Grade Control \$29,846.00
SmartGrade™ ready 2D grade control system fully integrated into the cab and structures. Adaptively controls bucket relative to target grade to improve accuracy and efficiency. Includes Virtual alert features (Virtual Ceiling, Virtual Floor, Virtual Swing, Virtual Wall, Virtual Front & Over-Dig Protect). Upgradeable to SmartGrade™ 3D solution via upgrade kit. Consists of sensors, controllers, valves and in-cab display for configuring, monitoring, and controlling grade.

2005 3D SmartGrade™ – 915MHz & 450MHz Radio \$69,662.00
SmartGrade™ 3D GNSS grade control system fully integrated into the cab and structures. Adaptively controls bucket relative to grade to improve accuracy and efficiency. Includes Virtual alert features (Virtual Ceiling, Virtual Floor, Virtual Swing, Virtual Wall, Virtual Front & Over-Dig Protect). Consists of sensors, valves, GNSS receivers, UHF receiver, and in-cab display for configuring, monitoring, measuring, and controlling grade. Includes Topcon 3DMC software compatible with Topcon file formats.

Laser Catcher Basic Factory Options - Required

2020 With Laser Catcher \$1,266.00
 Laser receiver enables greater jobsite flexibility utilizing plane for references across larger jobsites. Laser receiver requires offboard laser transmitter for functionality.

2021 Less: Laser Catcher No Added Cost

ENGINE

Engine Basic Factory Options - Required

4075 John Deere PowerTech PSS 13.5L meets EPA FT4 and EU Stage IV Emissions \$13,500.00

MAIN FRAME

Boom Basic Factory Options - Required

6665 Less Boom, Less Boom Cylinders No Added Cost
 Recommend: Hyd. Filter Restriction Indicator Kit

6675 Heavy Duty One Piece Boom w/Arm Cyl. and Plumbing \$67,043.00
 7.0 M (23 ft. 0 in.) Boom

Arm Basic Factory Options - Required

6715 Less: Arm No Added Cost
 If bucket is desired, must order attachment separately
 Recommend:
 - Hyd. Filter Restriction Indicator Kit and Indicator Coupler

6717 Arm: Standard \$32,158.00
 3.4 M (11 ft 2 in) Arm
 Arm with Bucket Cylinder and Linkage

6718 Arm: Semi-Long \$32,387.00
 3.9 M (12 ft. 8 in.) Arm
 Arm with Bucket Cylinder and Linkage
 If Bucket is Desired, Must Order Attachment Separately
 Note: Recommend Hyd. Filter Restriction Indicator Kit and Indicator Coupler

Lower Frame Bottom Covers Basic Factory Options - Required

6630 Less: Lower Frame, Bottom Cover No Added Cost
 Less: track frame under cover

6631 Lower Frame, Bottom Cover \$575.00
 Track frame under cover

Counterweight Basic Factory Options - Required

6570 Counterweight No Added Cost

6572 Counterweight w/ Counterweight Removal Device \$10,035.00

HYDRAULICS

Auxiliary Hydraulics Basic Factory Options - Required

7000 Less: Auxiliary Hydraulics No Added Cost

7005 Aux High-Flow Lines Only with Push Button Control Grip \$13,007.00
 Includes:
 - Combination auxiliary hydraulic piping with dedicated stop valves for each attachment.
 - Requires dealer installed 1-way solenoid kit, 2-way solenoid kit, AFL kit, or a foot pedal kit for auxiliary hydraulics functionality.

Hydraulic Coupler Ready Basic Factory Options - Required

7040 Less: Hydraulic Coupler Ready No Added Cost

TRACKS

Track Shoes Basic Factory Options - Required

5753 900 mm (36 In.) Steel Track with Triple Semi-Grouser Shoes No Added Cost
 Recommended for general conditions and soft terrain.

ATTACHMENTS

Buckets Basic Factory Options - Required

7800 Less: Bucket No Added Cost

7817 Heavy Duty Bucket \$17,153.00
 60IN (1525MM) 2.98YD (2.28 M3) Heavy Duty Bucket
 Includes (6) TK550 Series Teeth

7819 Heavy Duty Bucket \$16,773.00
 72IN (1825MM) 3.69YD (2.82 M3) Heavy Duty Bucket
 Includes Seven (7) TK550 Series Teeth.

7872 Severe Duty Bucket \$16,268.00
 60IN (1525MM) 2.98YD (2.28 M3) Severe Duty Bucket
 Includes Six (6) TK550 Series Teeth, Side Shrouds, and Edge Protectors

MISCELLANEOUS PRODUCT LINE

Filter Field Installed Attachments - Optional

8124 Fuel Filter, Severe-Duty \$175.00
 Recommended for harsh conditions.

Single Pedal Propel Field Installed Attachments - Optional

8261 Single Pedal Propel \$2,259.00
 Additional pedal for tracking both tracks simultaneously in the same direction

Cold Weather Package Field Installed Attachments - Optional

8500 Cold Weather Package \$600.00
 Includes Engine Block Heater and Ether Start Aid

Debris Package Field Installed Attachments - Optional

8501 Debris Package \$568.00
 Includes Engine Air Centrifugal Pre-Cleaner (Variable Reversing Fan included in base machine).

BUCKETS

Buckets, Side Cutters Field Installed Attachments - Optional

AT342513 Side-Cutter Kit, 6 inch \$679.00

Hydraulic Thumb Kits Field Installed Attachments - Optional

AT379664 Hydraulic Thumb Kit, Progressive \$15,285.00
 Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing.
 Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement.
 Not compatible with couplers, for use only with pin-on buckets.

AT379665 Hydraulic Thumb Kit, Progressive for Couplers \$15,285.00
 Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing.
 Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement.
 For use with Hydraulic Quick coupler (non-variable type) AT452021 only.
 Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber) BYT11634.

Buckets, Heavy-Duty Field Installed Attachments - Optional

BYT11173	42 In (1067 mm), 1.74 yd3 (1.33 M3) Heavy-Duty Bucket Includes Four (4) John Deere TK-Series Fanggs (TK550).	\$11,378.00
BYT11174	48 In (1219 mm), 2.07 yd3 (1.58 M3) Heavy-Duty Bucket Includes Five (5) John Deere TK-Series Fanggs (TK550)	\$12,300.00
BYT11175	54 In (1372 mm), 2.41 yd3 (1.84 M3) Heavy-Duty Bucket Includes Five (5) John Deere TK-Series Fanggs (TK550)	\$13,693.00
BYT11176	60 In (1524 mm), 2.75 yd3 (2.10 M3) Heavy-Duty Bucket Includes Six (6) John Deere TK-Series Fanggs (TK550)	\$14,880.00
BYT11177	66 In (1676 mm), 3.09 yd3 (2.36 M3) Heavy-Duty Bucket Includes Six (6) John Deere TK-Series Fanggs (TK550)	\$15,400.00
BYT11178	72 In (1829 mm), 3.44 yd3 (2.63 M3) Heavy-Duty Bucket Includes Seven (7) John Deere TK-Series Fanggs (TK550)	\$16,620.00
BYT11179	60IN (1525MM) 2.98YD (2.28 M3) SD Bucket Includes Five (5) TK550SD SeriesTeeth, Side Shrouds and Edge Protectors	\$17,316.00

MISCELLANEOUS

Hydraulic Couplers

Field Installed Attachments - Optional

AT452021	Hydraulic Quick Coupler (Non-Variable type) - Coupler and Controls Kit Includes non-variable hydraulic quick coupler with hydraulic and electrical control components	\$12,844.00
BYT11636	Hydraulic Quick Coupler (Variable-type Pin-Grabber) - Coupler Only Coupler kit ONLY. Includes coupler, jumper hoses, and one set of dead pins. Controls components NOT included. Also purchase Controls Kit BYT11637. Not compatible with hydraulic thumb AT379664 or AT379665.	\$19,843.00
BYT11637	Hydraulic Quick Coupler Controls Kit, (Variable-type Pin-Grabber) - Controls Kit Only Controls kit ONLY. Includes hydraulic control components, electrical control components and components to manifold on end of arm. Does not include hydraulic quick coupler - also purchase BYT11636. May not be required if replacing existing hydraulic quick coupler.	\$1,613.00

G.R.Mfg.

Field Installed Attachments - Optional

ATGR704042	Guard, Undercarriage Frame Opening Approximately 1 hour to install.	\$8,052.00
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ETN90043	Front Window Guard, Polycarbonate	\$3,598.00
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Hydraulics

Field Installed Attachments - Optional

AT316251	Boom Anti-Drift Kit Installation Instruction T217533	\$4,045.00
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AT327652	Control Handle for Auxiliary Hydraulics, Left-Hand Requires control solenoid for either 1-way or 2-way auxiliary hydraulics. Recommended for use with auxiliary hydraulic lines.	\$530.00
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AT338257	Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder	\$3,638.00
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AT390776	Single Pedal Propel Kit	\$2,143.00
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AT437218	Foot Control, Two-Way Hydraulics	\$2,029.00
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BYT10125	High-Flow Auxiliary Hydraulic Lines for 3.9 M Arm	\$12,913.00
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Guards

Field Installed Attachments - Optional

AT419609	Cab FOPS Guard FOPS Level II, ISO 10262 Certified	\$4,680.00
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Overall Vehicle

Field Installed Attachments - Optional

BYT11005	Vandal Covers After Serial # 36001	\$3,053.00
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Operator Environment

Field Installed Attachments - Optional

BYT11141	Full Length Front Guards After Serial # 36000	\$1,547.00
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Manufacturer's Suggested List Price shown. Retail prices may vary by dealer. Unless stated otherwise, taxes, freight, setup, delivery and other dealer specific charges not included in the pricing. Options/items noted with anything other than price will have additional costs. Pricing, availability, and specifications subject to change without notice. Special program pricing may be available on certain models. See dealer for details. Prices shown are in U.S. dollars and valid only in the U.S.