

MINIMUM SOIL DISTURBANCE

THE SOIL PROTECTION SPECIALIST

8RX TRACTORS

Designed for maximum soil protection in all conditions, the 8RX stands for powerful performance that's kind to your fields.

It is common knowledge: The way you treat your soil directly impacts your yield potential for years to come. In fact, studies have shown up to 6.8% yield increase potential when changing to a production system with tracks. Even you'd just get 2-3% it's worth to think about a change.

Dry years require a healthy soil structure that can store every drop of rainfall, so crops can develop and have access to water. That's only possible if wet years are managed properly. However, time windows in wet years can be very small and timing becomes critical for plant growth & crop quality. That makes it crucial to have a true specialist on your team that causes minimal soil disturbance while pulling your large implements. Compared to 2-track designs, the 8RX is much less susceptible to certain soil types, delivers outstanding side-hill traction plus stability and causes no soil berming when turning.





4,57 m² ground contact area are benchmark in this hp class. Even fully ballasted, the static ground pressure at the rear is as little as 36 kPa. Soil berming at the headland is almost not existent, although the turning radius is even smaller than on a 8 Series wheel tractor.

EXCELLENT RIDE COMFORT

Riding an 8RX in field almost feels likes floating. Thanks to the 4-track design itself, but also because of the tilting undercarriage, the suspended mid roller boogie mounting in the rear, and the advanced cab suspension that's standard on an 8RX.



TRACK SIZE	FLAT PLATE AREA	GROUND PRESSURE
610 mm (24 in.), 610 mm (24 in.) rear	4.03 m²	49 kPa
635 mm (25 in.), 762 mm (30 in.) rear	4.57 m²	44 kPa

To calculate the pressure per cm 2 exerted to the soil by the machine, divide the machine weight by the total flat plate area (indicated in the picture).

All figures based on fully ballasted 8RX at 19,958 kg $\,$

8RX SPECIFICATION

DIMENSIONS

A | WHEELBASE

3,235 mm

B | OVERALL LENGTH

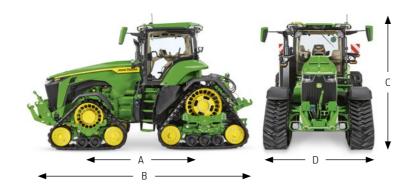
6,572 mm, measured from front weight support to rear hitch

C | TOTAL HEIGHT

3,636 mm, measured from road surface to uppermost plane of beacon light

D | OVERALL WIDTH

2,997 mm, measured with 88-inch tread spacing, 30-inch rear and 24-inch front tracks



	8RX 310	8RX 340	8RX 370	8RX 410
ENGINE PERFORMANCE				
Rated Engine Power (ECE-R120), hp (kW)	310 (228)	340 (250)	370 (272)	410 (302)
Max Engine Power at 1,900 rpm (ECE-R120), hp (kW)	341 (251)	374 (275)	407 (299)	443 (326)
Max Engine Power with IPM at 1,900 rpm (ECE-R120), hp (kW)	357 (263)	388 (285)	420 (309)	458 (337)
Intelligent Power Management, hp	35			
Constant Power Range, rpm	1,500 - 2,100	1,500 - 2,100	1,500 - 2,100	1,600 - 2,100
Engine Torque Rise, %	40	40	40	35
Engine Power Bulge, %	10	10	10	10
Engine Peak Torque @ 1,600 rpm, Nm	1,452	1,592	1,732	1,851

ENGINE

Manufacturer	Deere Power Systems		
Туре	John Deere PowerTech™ 9.0 L (B8 Diesel Compatible), Diesel, in-line, 6-cylinder, wet-sleeve cylinder liners with 4 valves-in-head		
Aftertreatment	longlife & maintenance-free dieselparticlefilter (DPF), Dieseloxidationfilter (DOC), Selective Catalytic Reduction (SCR)		
Aspiration	Single variable geometry turbocharger – air-to-air aftercooling and cooled exhaust gas recirculation	Dual Series Turbocharger w/fixed geometry first stage-variable geometry second stage – air-to-air aftercooling and cooled exhaust gas recirculation	

TRANSMISSION OPTIONS

e23™ TRANSMISSION WITH EFFICIENCY MANAGER™				
23 Forward- / 11 Reverse Gears, 40 km/h, left- & right hand reverser	40 km/h @ 1,522 rpm			
AUTOPOWR™				
Variable, 0.05 - 40 km/h, left- & right hand reverser or CommanPRO	40 km/h @ 1,469 rpm	N/A		
eAUTOPOWR™				
Variable, 0.05 - 40 km/h, left- & right hand reverser or CommanPRO	N/A	40 km/h @ 1,224 rpm		
Electric Power Generation – optional for eAutoPowr $^{\!\scriptscriptstyle{\text{TM}}}$	N/A	100 kW at 480 VAC / 700 VDC		

Rez Aules Inboard planetary three pinton Investige Inspection Inspection Inspection Investige Inspection Investige Inspection Investige Inspection Investige Investige Investige Investi		8RX 310 8RX 340	8RX 370	8RX 410	
Final Diffee Intelligence 1930 mm (1971 / 2030 mm (1891 / 1930 mm (1891 / 2030 mm (1891 / 20	AXLES				
1930 mm 76*7 / 2.030 mm 80*1 / 2.25 mm 88*1 / records only: 3.050 10.0*1 Proctive Positive Pos	Rear Axles				
Divisit Process Proc	Final Drives	Inboard planetary three pinion			
Mark Available 49 mm (0.5.7) / 457 mm (0.8.7) / 457 m	Tread spacing	1,930 mm (76") / 2,030 mm (80") / 2,235 mm (88") / retrofit only: 3,050 (120")			
Med-Roblers	Drive type	Positive			
Rear undercarriage pivot road Asies Treat againg 1.930 mm (76*1 / 2.030 mm 80*1 / 2.235 mm 88*1 / retrofit only; 3.050 (120*1 points againg points type 1.930 mm (76*1 / 2.030 mm 80*1 / 2.235 mm 88*1 / retrofit only; 3.050 (120*1 points againg points type 1.930 mm (16.5*1 / 457 mm 18*1 / 610 mm (24*1 points againg points againg points againg points againg points againg point aga	Track width	419 mm (16.5") / 457 m	ım (18") / 610 mm (24") / 762 mm (30")		
Front Axies Tread spacing Tread sp	Mid-Rollers	Polyurethane: 419 mm	n (16.5") / 457 mm (18") / 610 mm (24")		
1930 mm (16*1) 2,235 mm (88*1) retrofit only; 3,050 (120*1)	Rear undercarriage pivot		±10°		
Direct type Finate width 49 mm [165"] / 457 mm [18"] / 610 mm [24"] Mid-Rollers Polyurethane: 49 mm [165"] / 457 mm [18"] / 610 mm [24"] Front undervarriage pivot #7" - 10" [depending on tread spacing] Differential Lock - Front and Rear Asle Full-locking electrohydraulic - On/Off Auto Mode depending on Steering Angle SROUND CONTACT AREA Full-locking electrohydraulic - On/Off Auto Mode depending on Steering Angle SROUND CONTACT AREA #10" [15"] Tack width, m" #10" [27"] #10" [27"] #10" [27"] #10" [27"] #10" [27"] #10" [27"] #10" [27"] #10" [27"] #10" [27"] #10" [27"] #10" [27"] #10" [27"] #10"] #10" [27"] Tack width, m" #10"] Tack width, m" #10"] Tack width, h" #10"] Ta	Front Axles				
Flock width 4.9 mm (16.5") / 457 mm (18") / 610 mm (24") Nide-Rollers Polyurethanse: 49 mm (16.5") / 457 mm (18") / 610 mm (24") Front undercarriage prive 2"" - 10" (depending on tread spacing) Differential Lock - Front and Rear Axle Full-locking electrohydraulic - On/OFF Auto Mode depending on Steering Angle GROUND CONTACT AREA With 49 mm (16.5") track width, m² 2.77 with 49.77 mm (18") track width, m² 3.02 with 610 mm (24") track width, m² 4.03 with 610 mm (24") track width, m² 4.07 with 610 mm (24") track width, m² 4.07 with 610 mm (24") track width, m² 4.07 with 610 mm (24") track width, x² 5.7 with 610 mm (24") track width, x² 6.7 with 610 mm (24") track width, x² 6.7 with 49 mm (165") track	Tread spacing	1,930 mm (76") / 2,030 mm (80	r") / 2,235 mm (88") / retrofit only: 3,050 (120")		
Mid-Rollers Polyurethane: 419 mm (16.5**) / 457 mm (1811 / 610 mm (24**) Front undercarriage pivot \$27**-10** (depending on tread spacing) Differential Lock - Front and Rear Axle Full-locking electrohydraulic - On/Off Auto Mode depending on Steering Angle BROUND CONTACT AREA With 499 mm (16.5**) track width, m² 2,77 with 497 mm (181**) track width, m² 3,02 with 490 mm (16.5**) track width, m² 4,03 with 610 mm (24**) track width, m² 4,03 with 610 mm (24**) track width, m² 4,03 with 610 mm (24**) track width, h² 4,03 with 610 mm (16**) track width, k₽ 4,03 with 610 mm (16**) track width, k₽ 4,03 with 610 mm (16**) track width, k₽ 4,03 with 610 mm (16**) track width, kPa 4,03 with 610 mm (16**) track width, kPa 4,04 with 610 m	Drive type		Positive		
### 10 Clepending on tread spacing	Track width	419 mm (16.5")	/ 457 mm (18") / 610 mm (24")		
Differential Lock - Front and Rear Aule SEROUND CONTACT AREA with 49 mm (16.5°) track width, m² with 61 mm (12°) track width, m² with 61 mm (12°) track width, m² with 61 mm (12°) track width, in the front ond 76.2 mm (13°) track width, in the front ond 76.2 mm (13°) track width, in the front ond 76.2 mm (13°) track width, k16° with 61 mm (12°) track width, k16° with 61 mm (12°) track width, k16° with 610 mm (12°) track width, k	Mid-Rollers	Polyurethane: 419 mm	n (16.5") / 457 mm (18") / 610 mm (24")		
Differential Lock – Front and Rear Axle SROUND CONTACT AREA With 497 mm (65') track width, m² with 457 mm (67') track width, m² with 610 mm (24') track width, the front and 762 mm (30') in the rear, m² STATIC GROUND PRESSURE (vehicle weight: 20,000 kg) with 499 mm (65') track width, kPa vith 610 mm (24') track width, kPa with 610 mm (24') track width, kPa STEENING STEERING STEERING STEERING STEERING STEERING STEERING Closed-center, pressure & flow compensated system (PFC) with load sensing Main pump, axial piston (displacement) Maximum pressure, bar Rear Selective control valves with 1/2 inch Maximum pressure, bar Rear Selective control valves with 1/2 inch Maximum pressure, bar Rear Selective control valves with 1/2 inch Maximum pressure, bar Rear Selective control valves with 1/2 inch Maximum pressure, bar Rear Selective control valves with 1/2 inch Maximum pressure, bar Rear Selective control valves with 1/2 inch Maximum pressure, bar Rear Selective control valves with 1/2 inch Maximum pressure, bar Rear Selective control valves with 1/2 inch Maximum flow at a single Rear SCV, Urnin 122 227 Rear Gelective control valves with 3/4 inch and 1/2 inch 150 couplers Rear HTCH Selective Control valves with 3/4 inch and 1/2 inch 150 couplers Rear HTCH Flope Electrohydraulic Lower Link Sensing, load & depth control, infinite mix, float With 400 mm belind the couple, OCCOI down belind the couple, OCCOI down belind the couple, OCCOI down belind the couple, OCCOI	Front undercarriage pivot	±7° - 10° (de	epending on tread spacing)		
with 49 mm (165") track width, m² with 49 mm (165") track width, m² with 60 mm (18") track width, m² with 610 mm (18") track width, s? with 610 mm (18") track width, s. with 61	Differential Lock				
with 49 mm (16.5°) track width, m²	Differential Lock – Front and Rear Axle	Full-locking electrohydraulic – C	On/Off Auto Mode depending on Steering Ang	le	
with 457 mm (18") track width, m² with 610 mm (24") track width, m² with 610 mm (24") track width, m² 4.03 with 610 mm (24") track width in the front and 762 mm (30") in the rear, m² With 497 mm (165") track width, kPa with 497 mm (165") track width, kPa with 497 mm (165") track width, kPa with 497 mm (16") track width, kPa with 457 mm (18") track width, kPa with 610 mm (24") track width, kPa with 610 mm (84") track width, kPa with	GROUND CONTACT AREA				
with 610 mm (24") track width, m² with 610 mm (24") track width, the stand 752 mm (30") the treat, m² startic GROUND PRESSURE (vehicle weight: 20,000 kg) with 419 mm (16.5") track width, kPa 72 with 419 mm (16.5") track width, kPa 66 with 610 mm (24") track width, kPa 73 with 610 mm (24") track width, kPa 74 with 610 mm (24") track width, kPa 75 with 610 mm (24") track width, kPa 76 with 610 mm (24") track width, kPa 86 set (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 86 SEEETRICAL SYSTEM Where a company of the treat, kPa 87 SEEETRICAL SYSTEM 87 SEEETRICAL SYSTEM 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING 88 SEE (250 amps / 12 Volt; Option: 330 amps / 12	with 419 mm (16.5") track width, m ²		2.77		
with 610 mm [24"] track width in the front and 762 mm [30"] in the rear, m² startic GROUND PRESSURE (Vehicle weight: 20,000 kg) with 419 mm [16.5"] track width, kPa 72 with 457 mm [18"] track width, kPa 66 with 457 mm [18"] track width, kPa 500 with 419 mm [18.5"] track width, kPa 500 with 419 mm [24"] track width in the front 44 with 610 mm; 24"] track width in the front 44 with 610 mm;	with 457 mm (18") track width, m ²		3.02		
STATIC GROUND PRESSURE (vehicle weight: 20,000 kg) with 409 mm (165") track width, kPa with 499 mm (165") track width, kPa with 457 mm (18") track width, kPa with 610 mm (24") track width, kPa with 610 mm (24") track width in the front and 762 mm 180") in the rear, kPa ELECTRICAL SYSTEM Alternator/Battery Base: 250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING Steering column type Tilt & telescope steering with memory function Base ack-up HYDRAULIC SYSTEM Main pump, axial piston (displacement) Maximum pressure, bar Maximum pressure, bar Maximum pressure, bar Rear Selective control valves with 1/2 inch SO couplers Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/4 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/5 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/5 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/5 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/5 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/5 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/5 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/5 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/5 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/4 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/4 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/4 inch and 1/2 inch ISO couplers Rear Gelective control valves with 3/4 inch and 1/2 inch ISO couplers Rear Gelective control valves with 1/2 inch Solves of Solves and 1/2 inch Solves of Solves Solves of Solves Solves of Solves Solves of Solves Solves Solve	with 610 mm (24") track width, m ²		4.03		
with 499 mm (16.5") track width, kPa 72 with 497 mm (18") track width, kPa 66 with 490 mm (24") track width, kPa with 610 mm (24") track width in the front and 762 mm (30") in the rear, kPa ELECTRICAL SYSTEM Alternator/Battery Base: 250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING Steering column type Hydraulic power-steering with electric pump back-up Base back-up Closed-center, pressure & flow compensated system (PFC) with load sensing Walting pump, axial piston (displacement) Base: 85 cm², Optional: Dual pump 85 cm² plus 35 cm² Base Selective control valves with 1/2 inch SO couplers Rear Selective control valves with 3/4 inch and 1/2 inch 150 couplers Reated flow, 85 cm² pump, I/min Rated flow, Dual Pump 85 cm² plus 35 cm², I/min Maximum flow at a single Rear SCV, I/min 318 Maximum flow at a single Rear SCV, I/min 318 Maximum flow at a single Rear SCV, I/min 318 Base SERAR HITCH Supple Selective control valves with 3/4 inch couplers Bear Selective control valves with 3/4 inch and 1/2 inch 150 couplers Bear Selective control valves with 3/4 inch Base	with 610 mm (24") track width in the front and 762 mm (30") in the rear, m ²		4.57		
with 457 mm (18") track width, kPa with 610 mm (24") track width, kPa with 610 mm (24") track width in the front and 762 mm (30") in the rear, kPa ELECTRICAL SYSTEM Alternator/Battery Base: 250 amps / 12 Volt; Option: 330 amps / 12 Volt SYSTEENING Steering column type Tilt & telescope steering with memory function Hydraulic power-steering with electric pump back-up back-up WYDRAULIC SYSTEM VIPP Closed-center, pressure & flow compensated system (PPC) with load sensing Main pump, axial piston (displacement) Base: 85 cm²; Optional: Dual pump 85 cm² plus 35 cm² Maximum pressure, bar Rear Selective control valves with 1/2 inch SO couplers Rear Selective control valves with 3/4 inch and 1/2 inch SO couplers Rated flow, 85 cm² pump, I/min Rated flow, 85 cm² pump, I/min Backing Dual Pump 85 cm² plus 35 cm², I/min Maximum flow at a single Rear SCV, I/min Dil Take out capacity Power beyond couplers REAR HITCH Suppe Electrohydraulic Lower Link Sensing: load & depth control, infinite mix, float Coupler System Lower Link Stabilization Sway Blocks or Deluxe Sway Stabilizers Category Akx Lift capacity through full lift range, 660 mm behind the coupler, OECD)	STATIC GROUND PRESSURE (vehicle weight: 20,000) kg)			
with 610 mm [24") track width, kPa with 610 mm [24") track width in the front and 762 mm [30") in the rear, kPa ELECTRICAL SYSTEM Alternator/Battery Base: 250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING Steering column type Hydraulic power-steering with electric pump back-up Alternator/Battery Base Closed-center, pressure & flow compensated system (PFC) with load sensing Maximum pressure, bar Rear Selective control valves with 1/2 inch Soc couplers Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rear Glow, BS cm² pump, L/min Rated flow, Dual Pump BS cm² plus 35 cm², Umin Maximum flow at a single Rear SCV, L/min Dil Take out capacity Power beyond couplers REAR HITCH Type Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Lower Link Stabilizatio Sway Blocks or Deluxe Sway Stabilizers Category 4N/3 Max Lift capacity through full lift range, 610 mm behind the coupler, OECD)	with 419 mm (16.5") track width, kPa		72		
with 610 mm (24°) track width in the front and 762 mm (30°) in the rear, kPa ELECTRICAL SYSTEM Alternator/Battery Base: 250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING STEERING Steering column type Hydraulic power-steering with electric pump back-up Base Base Base Base Base Base Base Base	with 457 mm (18") track width, kPa		66		
ELECTRICAL SYSTEM Alternator (Battery Base: 250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING Steering column type Tilt & telescope steering with memory function Hydraulic power-steering with electric pump Base Base Base Base Base Base Base Base Base	with 610 mm (24") track width, kPa		50		
Alternator/ Battery Base: 250 amps / 12 Volt; Option: 330 amps / 12 Volt STEERING Steering column type Tilt & telescope steering with memory function Hydraulic power-steering with electric pump back-up Ausk-up HYDRAULIC SYSTEM Type Closed-center, pressure & flow compensated system (PFC) with load sensing Maximum pressure, bar Rear Selective control valves with 1/2 inch SO couplers Rear Selective control valves with 3/4 inch and 1/2 inch 150 couplers Rated flow, 85 cm³ pump, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Maximum flow at a single Rear SCV, I/min Dil Take out capacity So liters at 2 I/sec Power beyond couplers REAR HITCH Type Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Coupler Link Stabilization Sway Blocks or Deluxe Sway Stabilizers Category 4N/3 4N/6 Coupler, OECD)	with 610 mm (24") track width in the front and 762 mm (30") in the rear, kPa				
Steering column type Tilt & telescope steering with memory function Hydraulic power-steering with electric pump back-up Aback-up Type Closed-center, pressure & flow compensated system (PFC) with load sensing Main pump, axial piston (displacement) Maximum pressure, bar Rear Selective control valves with 1/2 inch SOC ocuplers Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rated flow, 85 cm³ pump, I/min Maximum flow at a single Rear SCV, I/min Dil Take out capacity Power beyond couplers Power beyond couplers Power beyond couplers REAR HITCH Type Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Lower Link Stabilization Category Max Lift capacity through full lift range, (610 mm behind the coupler, OCCD)	ELECTRICAL SYSTEM				
Tilt & telescope steering with memory function Hydraulic power-steering with electric pump back-up HyDRAULIC SYSTEM Type Closed-center, pressure & flow compensated system (PFC) with load sensing Main pump, axial piston (displacement) Maximum pressure, bar Rear Selective control valves with 1/2 inch SOC couplers Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rated flow, BS cm² pump, J/min Maximum flow at a single Rear SCV, I/min Tilt & telescope steering with memory function Base Base Base Closed-center, pressure & flow compensated system (PFC) with load sensing Base: 95 cm²; Optional: Dual pump 85 cm² plus 35 cm² Alexa flow, David pump, BS cm² plus 35 cm² J/min Maximum flow at a single Rear SCV, I/min Tilt & couplers REAR HITCH Type Electrohydraulic Lower Link Stensing; load & depth control, infinite mix, float Sway Blocks or Deluxe Sway Stabilizers Category Max Lift capacity through full lift range, (610 mm behind the coupler, OECD)	Alternator/Battery	Base: 250 amps / 1	12 Volt; Option: 330 amps / 12 Volt		
Hydraulic power-steering with electric pump back-up HYDRAULIC SYSTEM Kipe Closed-center, pressure & flow compensated system (PFC) with load sensing Main pump, axial piston (displacement) Maximum pressure, bar Rear Selective control valves with 1/2 inch SO couplers Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rated flow, B5 cm³ pump, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Maximum flow at a single Rear SCV, I/min Dil Take out capacity Power beyond couplers REAR HITCH Type Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Lower Link Stabilization Sway Blocks or Deluxe Sway Stabilizers Category Max Lift capacity through full lift range, [610 mm behind the coupler, OECD]	STEERING				
HYDRAULIC SYSTEM Type Closed-center, pressure & flow compensated system (PFC) with load sensing Main pump, axial piston (displacement) Base: 85 cm³; Optional: Dual pump 85 cm³ plus 35 cm³ Maximum pressure, bar Rear Selective control valves with 1/2 inch ISO couplers Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rated flow, B5 cm³ pump, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Maximum flow at a single Rear SCV, I/min 132 Dil Take out capacity So liters at 2 I/sec Power beyond couplers REAR HITCH Type Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Coupler System Category Max Lift capacity through full lift range, [610 mm behind the coupler, OECD]	Steering column type	Tilt & telescope	steering with memory function		
Closed-center, pressure & flow compensated system (PFC) with load sensing Main pump, axial piston (displacement) Base: 85 cm³; Optional: Dual pump 85 cm³ plus 35 cm³ 204 Rear Selective control valves with 1/2 inch SO couplers Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rated flow, 85 cm³ pump, I/min 227 Rated flow, Boul Pump 85 cm³ plus 35 cm³, I/min Maximum flow at a single Rear SCV, I/min 132 Dil Take out capacity Power beyond couplers REAR HITCH Type Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Lower Link Stabilization Sway Blocks or Deluxe Sway Stabilizers Category Max Lift capacity through full lift range, (610 mm behind the coupler, OECD)	Hydraulic power-steering with electric pump back-up		Base		
Main pump, axial piston (displacement) Base: 85 cm³; Optional: Dual pump 85 cm³ plus 35 cm³ Maximum pressure, bar 204 Rear Selective control valves with 1/2 inch SO couplers Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rated flow, 85 cm³ pump, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Maximum flow at a single Rear SCV, I/min 132 Dil Take out capacity Power beyond couplers REAR HITCH Type Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Lower Link Stabilization Sway Blocks or Deluxe Sway Stabilizers Category Max Lift capacity through full lift range, (610 mm behind the coupler, OECD)	HYDRAULIC SYSTEM				
Maximum pressure, bar Rear Selective control valves with 1/2 inch ISO couplers Rear Selective control valves with 3/4 inch ISO couplers Rear Selective control valves with 3/4 inch ISO couplers Rear Selective control valves with 3/4 inch ISO couplers Reared flow, 85 cm³ pump, l/min Reated flow, Dual Pump 85 cm³ plus 35 cm³, l/min ISO Couplers Reared flow, Bo cm³ pump, l/min ISO Coupler Selective control valves with 3/4 inch couplers Reared flow, Bo cm³ pump, l/min ISO Coupler Selective couplers Reared flow, Bo cm³ pump, l/min ISO Couplers Reared flow, Bo coupler, SCV 2-5: 1/2 inch couplers) Reared flow, Bo coupler, SCV 2-5: 1/2 inch couplers Reared flow, Bo coupler, SCV 2-5: 1/2 inch couplers Reared flow, Bo coupler, SCV 2-5: 1/2 inch couplers Reared flow, Bo coupler, SCV 2-5: 1/2 inch couplers Reared flow, Bo coupler, SCV 2-5: 1/2 inch couplers Reared flow, Bo coupler, SCV 2-5: 1/2 inch couplers Reared flow, Bo coupler, SCV 2-5: 1/2 inch couplers Reared flow, Bo coupler, SCV 2-5: 1/2 inch couplers Reared flow, Bo coupler, SCV 2-5: 1/2 inch couplers Reared flow, Bo couplers Reared flow, Bo coupler, SCV 2-5: 1/2 inch couplers Reared flow, Bo couplers Reared flow, Bo couplers Reared flow, Bo couplers Reared flow, Bo cou	Туре	Closed-center, pressure & flow	compensated system (PFC) with load sensing		
Rear Selective control valves with 1/2 inch ISO couplers Rear Selective control valves with 3/4 inch ISO couplers Rear Selective control valves with 3/4 inch ISO couplers Reared flow, 85 cm³ pump, I/min Reared flow, Dual Pump 85 cm³ plus 35 cm³, I/min Reared flow, Dual Pump 85 cm³ plus 35 cm³, I/min Reared flow, Dual Pump 85 cm³ plus 35 cm³, I/min Reared flow, Dual Pump 85 cm³ plus 35 cm³, I/min Reared flow, Dual Pump 85 cm³ plus 35 cm³, I/min Reared flow, Dual Pump 85 cm³ plus 35 cm³, I/min Reared flow, Dual Pump 85 cm³ plus 35 cm³, I/min Reared flow, Dual Pump 85 cm³ plus 35 cm³, I/min Reared flow, Dual Pump 85 cm³ plus 35 cm³, I/min Reared flow, Dual Pump 85 cm³ plus 35 cm³, I/min Reared flow, Dual Pump 85 cm³ plus 35 cm³, I/min Reared flow, Dual Pump 85 cm³ plus 35 cm³, I/min Reared flow, Dual Pump 85 cm³ plus 318 Reared flow, Dual Pump 85 cm³ plump, I/min Reared flow, Base on Pu	Main pump, axial piston (displacement)	Base: 85 cm ³ ; Optio	onal: Dual pump 85 cm³ plus 35 cm³		
Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers Rated flow, 85 cm³ pump, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm², I/min Rated flow, Dual Pump 85 cm³ plus 35 cm², I/min Rated flow, Both Pump 85 cm³ plus 35 cm², I/min Rated flow, Both Pump 85 cm³ plus 35 cm², I/min Rated flow, Both Pump 85 cm³ plus 35 cm², I/min Rated flow, Both Pump 85 cm² plus 318 Rated flow, Both Pump 85 cm²	Maximum pressure, bar		204		
and 1/2 inch ISO couplers Rated flow, 85 cm³ pump, I/min Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Maximum flow at a single Rear SCV, I/min 132 Dil Take out capacity Flower beyond couplers Optional; 1/2 or 3/4 inch couplers REAR HITCH Type Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Lower Link Stabilization Sway Blocks or Deluxe Sway Stabilizers Category 4N/3 Max Lift capacity through full lift range, (610 mm behind the coupler, OECD)	Rear Selective control valves with 1/2 inch ISO couplers				
Rated flow, Dual Pump 85 cm³ plus 35 cm³, I/min Maximum flow at a single Rear SCV, I/min Dil Take out capacity Power beyond couplers Optional; 1/2 or 3/4 inch couplers REAR HITCH Type Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Lower Link Stabilization Sway Blocks or Deluxe Sway Stabilizers Category 4N/3 Max Lift capacity through full lift range, (610 mm behind the coupler, OECD)	Rear Selective control valves with 3/4 inch and 1/2 inch ISO couplers	max. 5 available (SCV 1: 3/4	4 inch coupler, SCV 2-5: 1/2 inch couplers)		
Maximum flow at a single Rear SCV, I/min Dil Take out capacity Power beyond couplers Optional; 1/2 or 3/4 inch couplers REAR HITCH Type Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Lower Link Stabilization Sway Blocks or Deluxe Sway Stabilizers Category 4N/3 Max Lift capacity through full lift range, (610 mm behind the coupler, OECD)	Rated flow, 85 cm³ pump, I/min				
Dil Take out capacity Power beyond couplers Optional; 1/2 or 3/4 inch couplers REAR HITCH Type Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Lower Link Stabilization Sway Blocks or Deluxe Sway Stabilizers Category 4N/3 Max Lift capacity through full lift range, (610 mm behind the coupler, OECD)	Rated flow, Dual Pump 85 cm³ plus 35 cm³, l/min		318		
Power beyond couplers REAR HITCH Type Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Lower Link Stabilization Sway Blocks or Deluxe Sway Stabilizers Category 4N/3 Max Lift capacity through full lift range, (610 mm behind the coupler, OECD)	Maximum flow at a single Rear SCV, I/min		132		
Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Lower Link Stabilization Sway Blocks or Deluxe Sway Stabilizers Category 4N/3 Max Lift capacity through full lift range, (610 mm behind the coupler, OECD)	Oil Take out capacity	5	6 liters at 2 l/sec		
Electrohydraulic Lower Link Sensing; load & depth control, infinite mix, float Coupler System Walterscheid Hook Style Ends Lower Link Stabilization Sway Blocks or Deluxe Sway Stabilizers Category 4N/3 Max Lift capacity through full lift range, (610 mm behind the coupler, OECD)	Power beyond couplers	Optional	; 1/2 or 3/4 inch couplers		
Coupler System Walterscheid Hook Style Ends Lower Link Stabilization Sway Blocks or Deluxe Sway Stabilizers 4N/3 Max Lift capacity through full lift range, (610 mm behind the coupler, OECD)	REAR HITCH				
Lower Link Stabilization Category 4N/3 Max Lift capacity through full lift range, 9,000 kg – Cat. 4N/3 610 mm behind the coupler, OECD)	Туре	Electrohydraulic Lower Link Se	ensing; load & depth control, infinite mix, float		
Category 4N/3 Max Lift capacity through full lift range, 9,000 kg – Cat. 4N/3 (610 mm behind the coupler, OECD)	Coupler System	Walterscheid Hook Style Ends			
Max Lift capacity through full lift range, (610 mm behind the coupler, OECD) 9,000 kg – Cat. 4N/3	Lower Link Stabilization	Sway Blocks or Deluxe Sway Stabilizers			
610 mm behind the coupler, OECD)	Category	4N/3			
Center Link Option – Hydraulic Center Link – Cat. 4 (120 mm)	Max Lift capacity through full lift range, (610 mm behind the coupler, OECD)	9,000 kg – Cat. 4N/3			
	Center Link	Option – Hydrau	lic Center Link – Cat. 4 (120 mm)		

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8RX SPECIFICATION

	8RX 310	8RX 340	8RX 370	8RX 410
REAR PTO				
PTO 1,000 rpm – Engine rpm @ rated PTO speed*		2,0	000	
PTO 1,000 / 1,000E rpm – Engine rpm @ rated PTO speeds*	2,000 / 1,594			
PTO 540 / 1,000 rpm – Engine rpm @ rated PTO speeds*	1,817 / 2,000			N/A
Stub 1-3/4 in. (45 mm diameter), 20-spline, 1,000 rpm	Base			
Stub 1-3/4 in. (45 mm diameter), 20 spline, 1,000 / 1,000E rpm gearcase, shiftable in cab via the CommandCenter™		Opt	ional	
Stub 1-3/4 in. (45 mm diameter), 20-spline, 1,000 rpm; capable of 1-3/8 in. (35 mm diameter) 540 / 1,000 rpm gearcase	Optional			N/A
* The engine speeds will vary minimal depending on the transmission type of the tractor				

Connectivity options

Suspension System	4-post cab suspension
Seat	Base: Cloth; Optional: perforated leather seat with active ventilation, heating and massage function
Seat Adjustment	Optional: 25° left hand and 40° right hand seat swivel; electric seat adjustment, pneumatic lumbar support, Adjustable Backrest Bolsters
Infotainment	Base: AM/FM Radio; Optional: 6.4" touchscreen DAB+ Radio with 6.1 surround speaker system and Bluetooth, Apple CarPlay and Android Auto
Comfort Features	Base: foot rests; Optional: Actively cooled refrigerator, carpet floor mat, tinted rear window
Lighting	Halogen or 360° LED lighting package; optional: 3 LED beacon lights
INTEGRATED TECHNOLOGY	
CommandContor™ Display	Page 27 E cm (17.0 in) GEPlus Command Contar Display

INTEGRATED TECHNOLOGI	
CommandCenter™ Display	Base – 32.5 cm (12,8 in) G5 ^{Plus} CommandCenter [™] Display, Optional – 32.5 cm (12.8 in) G5 ^{Plus} CommandCenter [™] Display with G5 ^{Plus} Extended Display
Integrated StarFire™ Receiver	Cab roof integrated StarFire™ receiver – Standard SF1 (+/- 15 cm), optional SF-RTK (+/- 2.5 cm) accuracy
Permanent Licenses	AutoTracTM, Section Control, Varaible Rate Control, Documentation, Data Sync, Over-the-Air Updates, Remote Display Access
Optional G5™ Advanced Licenses	AutoTrac™ Implement Guidance, AutoTrac™ Turn Automation, AutoPath™, In-Field Data Sharing, Machine Sync, SF-RTK, AutoTrac™ RowSense™/Vision
Connectivity Hardware	Includes integrated cab wiring harness, antenna, JDLink™ Modem (MTG) and Ethernet harnesses. Ethernet harnesses may vary per configuration.
Connectivity Subscription	Connectivity service is subject to country availability. JDLink™ connectivity can be enabled in John Deere Operations Center™.

Tractor Implement Management (TIM), Rear Implement Ethernet connector for High-Speed ISOBUS

	8RX 310	8RX 340	8RX 370	8RX 410
MISCELLANEOUS				
ServiceADVISOR Remote	Optional			
CommandCenter™ video / camera capability	4 analog and 2 dig	gital Video inputs for G5 ^{Plus} Display; (Optional: Integrated digital f	ront and rear cameras
Trailer Brake System	Optional;	Pneumatic Dual Line System incl. Ai	r Dryer and/or Hydraulic Dua	l Line System
CAPACITIES				
Fuel tank, I (without / with eAutoPowr™)		924 / 8	329	
DEF tank, I		37.2		
DIMENSIONS AND WEIGHTS				
Wheelbase, mm		3,23	5	
OVERALL LENGTH, mm				
Maximum length (including front weight support and rear 3-point hitch in transport position)		6,577	2	
OVERALL HEIGHT, mm				
Maximum height (road surface to uppermost plane of beacon light)		3,636	5	
OVERALL WIDTH, mm ¹				
Maximum width with 762-mm (30-in.) rear belts at 2,235-mm (88-in.) track spacing (overall)		2,99	7	
GROUND CLEARANCE, mm				
Maximum		760		
TURNING RADIUS, m				
with 88 in (2,235 mm) tread setting – 24 in (610 mm) front tracks 30 in (762 mm) rear tracks		5.2		
WEIGHTS				
Average Shipping Weight, kg ²		19,40	0	
Maximum Permissible Weight, kg		24,00	00	

¹ Dependent on axle configuration and tread settings ² Equipped with e23™, 24in front, 30in rear, 88in spacing, dual pumps, 5 SCVs, PTO, 3-in-1 hitch

NOTHING RUNS LIKE A DEERE™

Chances are that when you need us, you need us right then and there. For advice, to solve a problem, or for a part. Reach out, we'll be there with technicians who are factory trained, ready to go to work for you, using only genuine John Deere parts and products. But our commitment to quality doesn't stop at your machine – we also have financing options available that are guaranteed to fit your budget and your plans.



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