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***ATV 2021***

TRX520

# Rubicon

## **| Efficient, durable engine design**

Powerful liquid-cooled 518 cc engine is longitudinally mounted, allowing direct driveshaft alignment to both the front and rear wheels for enhanced drivetrain efficiency. Liquid cooling provides consistent engine operating temperature in extreme conditions for enhanced power output and long engine life. Overhead-valve design provides compact engine dimensions for improved ground clearance while maintaining a broad, easy-to-use powerband. Rubber-cushion engine mounting and gear-driven counter-balancer reduce vibration.

## **| Easy and efficient**

Convenient electric starting, with an automatic internal-decompression system, gets you going quickly and easily. Also equipped with a recoil starter as back-up. Programmed Fuel Injection (PGM-FI) improves power delivery and throttle response, and increases fuel efficiency for extended range.

## **| Integrated Electric Reverse Shift Lever**

The integrated electric reverse shift lever allows you to select reverse without ever taking your hand off the handlebars. Even, you can by-pass Neutral; D to R which is ideal for plowing or tight maneuvering areas.

## **| Quiet operation**

A sub-chamber in the air cleaner reduces resonant noise for quieter operation. Stainless-steel exhaust system includes a muffler with spark arrestor that are designed for quiet operation and long-lasting performance.

## **| Strong and lightweight**

Durable double-cradle steel frame developed with Computer Aided Engineering is sturdy and lightweight for precise handling and a smoother ride.

## **| Excellent Load and Towing Capacity**

Load capacity for the large front and rear carriers is 45 kg (99 lb.) and 85 kg (187 lb.) respectively. Heavy-duty trailer hitch with 600 kg (1,322 lb.) towing capacity.

## **| Tackle any terrain**

2WD/4WD system offers three drive modes: 2WD; 4WD with torque-sensing front differential; and 4WD with locked front differential to optimize traction. The system also features a Speed Override mode that can be engaged when the front differential is locked to allow increased wheel speed under severe conditions, such as deep mud.

## **| Durable comfort**

Aggressively styled Maxxis tires provide excellent comfort and traction. Plastic CV joint boots on the front driveshafts are tough and tear-resistant with sealed steering-knuckle bearings for extended durability.

## **| Proven power steering**

This latest iteration of Honda's proven Electric Power Steering System (EPS) features even lighter steering effort and reduced kickback for enhanced comfort while maintaining a strong feeling of control.

## **| Strong visibility**

Twin-headlight system features 35-watt headlights with focused light distribution for improved visibility after dark. The headlight dimmer switch makes it easy to change between high and low beams to activate the top assist 50-watt light for more illumination when you need it or allowing it to be turned off while carrying a load on the front carrier.

## **| Pro-Connect™ Rack System**

Mount compatible accessories directly and quickly to the rear or front rack of your Rubicon using easy Pro-Connect™ Rack System (no tools required). Our purpose-built line of Pro-Connect™ accessories helps to keep your gear in place and more secure wherever you place your items on the rack while maximizing storage. Front and rear steel-tube carriers feature large steel plates and additional tie-down points for improved load security.

	Rubicon 520 IRS EPS	Rubicon 520 DCT IRS EPS	Rubicon 520 DCT Deluxe
Electronic Fuel Injection	■	■	■
2WD/4WD	■	■	■
Front Differential Lock	■	■	■
Independent Rear Suspension (IRS)	■	■	■
Electric Power Steering (EPS)	■	■	■
Manual Transmission	■		
Electric Shift (ESP)		■	■
Automatic Dual-Clutch Transmission (DCT)		■	■
High/Low Range Sub-Transmission		■	■
Lightweight Aluminum Wheels			■
Back-up Recoil Starter	■	■	■





	Rubicon IRS EPS	Rubicon DCT IRS EPS	Rubicon DCT Deluxe
<b>Engine Type</b>	Liquid-cooled longitudinally mounted single-cylinder	Liquid-cooled longitudinally mounted single-cylinder	Liquid-cooled longitudinally mounted single-cylinder
<b>Displacement</b>	518 cc	518 cc	518 cc
<b>Bore &amp; Stroke</b>	96.0 mm x 71.5 mm	96.0 mm x 71.5 mm	96.0 mm x 71.5 mm
<b>Compression Ratio</b>	9.5:1	9.5:1	9.5:1
<b>Valve Train</b>	OHV, 2 valves	OHV, 2 valves	OHV, 2 valves
<b>Fuel Delivery</b>	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection
<b>Transmission</b>	Five-speed with automatic clutch, reverse and ultra-low first gear	Fully automatic, five-speed, Dual-Clutch Transmission with Selectable Electric Shift Program (ESP) plus Dual-range sub-transmission and reverse	Fully automatic, five-speed, Dual-Clutch Transmission with selectable Electric Shift Program (ESP), plus dual-range sub-transmission and reverse
<b>Power Steering</b>	Standard, Electric Power Steering	Standard, Electric Power Steering	Standard, Electric Power Steering
<b>Final Drive</b>	2WD/4WD; direct front and rear driveshafts with switchable 2WD/4WD and torque-sensing/locking front differential	2WD/4WD; direct front and rear driveshafts with switchable 2WD/4WD and torque-sensing/locking front differential	2WD/4WD; direct front and rear driveshafts with switchable 2WD/4WD and torque-sensing/locking front differential
<b>Front Suspension</b>	Independent Double A-arm with adjustable hydraulic shocks; 185 mm (7.3 in.) travel	Independent Double A-arm with adjustable hydraulic shocks; 185 mm (7.3 in.) travel	Independent Double A-arm with adjustable hydraulic shocks; 185 mm (7.3 in.) travel
<b>Rear Suspension</b>	Independent Dual Arm (lower A-arm, upper I-arm) with adjustable hydraulic shocks; 215 mm (8.5 in.) travel	Independent Dual Arm (lower A-arm, upper I-arm) with adjustable hydraulic shocks; 215 mm (8.5 in.) travel	Independent Dual Arm (lower A-arm, upper I-arm) with adjustable hydraulic shocks; 215 mm (8.5 in.) travel
<b>Tires</b>	<b>Front:</b> 25 x 8-12 <b>Rear:</b> 25 x 10-12	<b>Front:</b> 25 x 8-12 <b>Rear:</b> 25 x 10-12	<b>Front:</b> 25 x 8 - 12 <b>Rear:</b> 25 x 10 - 12
<b>Brakes</b>	<b>Front:</b> dual 190 mm disc <b>Rear:</b> 170 mm disc	<b>Front:</b> dual 190 mm discs <b>Rear:</b> 170 mm disc	<b>Front:</b> dual 190 mm discs <b>Rear:</b> 170 mm disc
<b>Length</b>	2,185 mm (86.0 in.)	2,185 mm (86.0 in.)	2,185 mm (86.0 in.)
<b>Width</b>	1,205 mm (47.4 in.)	1,205 mm (47.4 in.)	1,205 mm (47.4 in.)
<b>Ground Clearance</b>	250 mm (9.8 in.)	247 mm (9.7 in.)	247 mm (9.7 in.)
<b>Wheelbase</b>	1,294 mm (50.9 in.)	1,294 mm (50.9 in.)	1,294 mm (50.9 in.)
<b>Curb Weight*</b>	318 kg (701 lb.)	331 kg (730 lb.)	328 kg (723 lb.)
<b>Fuel Capacity</b>	14.7 L, including 4.9 L reserve	14.7 L, including 4.9 L reserve	14.7 L, including 4.9 L reserve
<b>Cargo capacity</b>	<b>Front rack:</b> 45 kg (99 lb.) <b>Rear rack:</b> 85 kg (187 lb.)	<b>Front rack:</b> 45 kg (99 lb.) <b>Rear rack:</b> 85 kg (187 lb.)	<b>Front rack:</b> 45 kg (99 lb.) <b>Rear rack:</b> 85 kg (187 lb.)
<b>Towing capacity</b>	600 kg (1,322 lb.)	600 kg (1,322 lb.)	600 kg (1,322 lb.)
<b>Colour</b>	 Patriot Red  Mat Lichen Green Metallic (Paint)	 Patriot Red  Adventure Green	 Matte Molasses Brown Metallic (Paint)  Honda Phantom Camo

\*including required fluids and full tank of gas - ready to ride

TRX520

# Foreman

## **| Compact engine**

Overhead-valve design provides compact engine dimensions for improved ground clearance while maintaining a broad, easy-to-use powerband.

## **| Impressive handling**

Enclosed-axle swingarm offers optimized stiffness for improved toughness and excellent handling performance. Rubber swingarm pivot bushings provide excellent low-speed ride comfort and increased durability.

## **| Lightweight strength**

Durable double-cradle steel frame developed with Computer Aided Engineering is both rigid and lightweight for precise handling and a smoother ride.

## **| Engineered tough**

Plastic CV joint boots are durable and tear-resistant. Sealed steering-knuckle bearings improve steering performance and durability.

## **| Pro-Connect™ Rack System**

Mount compatible accessories directly and quickly to the rear or front rack of your Foreman using easy Pro-Connect™ Rack System (no tools required). Our purpose-built line of Pro-Connect™ accessories helps to keep your gear in place and more secure wherever you place your items on the rack while maximizing storage. Front and rear steel-tube carriers feature large steel plates and additional tie-down points for improved load security.

## **| Excellent Load and Towing Capacity**

Load capacity for the large front and rear carriers is 40 kg (88 lb.) and 80 kg (176 lb.) respectively. The heavy-duty trailer hitch has a 385 kg (850 lb.) towing capacity.

## **| Exceptional efficiency**

Powerful liquid-cooled 518 cc four-stroke engine is longitudinally mounted, allowing direct driveshaft alignment to both front and rear wheels for exceptional drivetrain efficiency.

## **| Reduced vibration**

Rubber-cushion engine mounting and gear-driven counter-balancer reduce vibration.

## **| Back-up recoil starter**

Convenient electric starting, with an automatic internal-decompression system, gets you going quickly and easily. Also equipped with a recoil starter as back-up. Powerful alternator has generous capacity with 481 watts of output.

## **| Fuel efficient**

Programmed Fuel Injection (PGM-FI) system improves power delivery and throttle response, and increases fuel efficiency for extended range.

## **| Stopping power**



Rear drum brake is located inside the right rear wheel for improved durability and increased ground clearance. Dual front hydraulic disc brakes with large 190 mm rotors provide strong and consistent stopping power.

## **| Tackle any terrain**

2WD/4WD system offers three drive modes: 2WD; 4WD with torque-sensing front differential; and 4WD with locked front differential to optimize traction. The system also features a Speed Override mode that can be engaged when the front differential is locked, which allows increased wheel speed under severe conditions, such as deep mud.

	Foreman 520	Foreman 520 ES EPS
Electronic Fuel Injection	■	■
2WD/4WD	■	■
Front Differential Lock	■	■
Electric Power Steering (EPS)		■
Manual Transmission	■	■
Electric Shift (ESP)		■
Back-up Recoil Starter	■	■



	Foreman	Foreman ES EPS
<b>Engine Type</b>	Liquid-cooled longitudinally mounted single-cylinder	Liquid-cooled longitudinally mounted single-cylinder
<b>Displacement</b>	518 cc	518 cc
<b>Bore &amp; Stroke</b>	96.0 mm x 71.5 mm	96.0 mm x 71.5 mm
<b>Compression Ratio</b>	9.5:1	9.5:1
<b>Valve Train</b>	OHV, 2 valves	OHV, 2 valves
<b>Fuel Delivery</b>	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection
<b>Transmission</b>	Five-speed with automatic clutch, reverse and ultra-low first gear	Five-speed with automatic clutch, selectable Electric Shift Program (ESP), reverse and ultra-low first gear
<b>Power Steering</b>	N/A	Standard, Electric Power Steering
<b>Final Drive</b>	2WD/4WD; direct front and rear driveshafts with switchable 2WD/4WD and torque-sensing/locking front differential	2WD/4WD; direct front and rear driveshafts with switchable 2WD/4WD and torque-sensing/locking front differential
<b>Front Suspension</b>	Independent Double A-arm with adjustable hydraulic shocks; 185 mm (7.3 in) travel	Independent Double A-arm with adjustable hydraulic shocks; 185 mm (7.3 in) travel
<b>Rear Suspension</b>	Swingarm with single adjustable hydraulic shock; 185 mm (7.3 in.) travel	Swingarm with single adjustable hydraulic shock; 185 mm (7.3 in.) travel
<b>Tires</b>	<b>Front:</b> 25 x 8 - 12 <b>Rear:</b> 25 x 10 - 12	<b>Front:</b> 25 x 8 - 12 <b>Rear:</b> 25 x 10 - 12
<b>Brakes</b>	<b>Front:</b> dual 190 mm discs <b>Rear:</b> 160 mm sealed mechanical drum	<b>Front:</b> dual 190 mm discs <b>Rear:</b> 160 mm sealed mechanical drum
<b>Length</b>	2,106 mm (82.9 in.)	2,106 mm (82.9 in.)
<b>Width</b>	1,205 mm (47.4 in.)	1,205 mm (47.4 in.)
<b>Ground Clearance</b>	190 mm (7.5 in.)	190 mm (7.5 in.)
<b>Wheelbase</b>	1,269 mm (50.0 in.)	1,269 mm (50.0 in.)
<b>Curb Weight*</b>	290 kg (639 lb)	297 kg (655 lb.)
<b>Fuel Capacity</b>	14.7 L, including 4.9 L reserve	14.7 L, including 4.9 L reserve
<b>Cargo capacity</b>	<b>Front rack:</b> 40 kg (88 lb.) <b>Rear rack:</b> 80 kg (176 lb.)	<b>Front rack:</b> 40 kg (88 lb.) <b>Rear rack:</b> 80 kg (176 lb.)
<b>Towing capacity</b>	385 kg (850 lb.)	385 kg (850 lb.)
<b>Colour</b>	 Patriot Red	 Patriot Red

\*including required fluids and full tank of gas - ready to ride

## **| Broad powerband**

Overhead-valve design provides compact engine dimensions for improved ground clearance while maintaining a broad, easy-to-use powerband.

## **| Extended range**

Large fuel tank with 14.7-litre capacity (including a 4.9-litre reserve) provides extended range. The Rancher incorporates an in-tank fuel pump for cooler pump operation, and long pump life.

## **| Reduced vibration**

Rubber-cushion engine mounting and gear-driven counter-balancer reduce vibration.

## **| Easy start, fuel efficient**

Convenient electric starting, with an automatic internal-decompression system, gets you going quickly. Also equipped with a recoil starter as back-up. The recoil will start the ATV even with a completely dead battery. Programmed Fuel Injection (PGM-FI) system improves power delivery and throttle response, and increases fuel efficiency for extended range.

## **| Exceptional efficiency**

The rugged OHV liquid-cooled, fuel-injected 420 cc longitudinally mounted engine allows direct driveshaft alignment to both front and rear wheels for exceptional drivetrain efficiency.

## **| Durable design**

Plastic CV joint boots are durable and tear-resistant with sealed steering-knuckle bearings for extended durability. Steering-mechanism design allows a tight turning radius for excellent manoeuvrability.

## **| Pro-Connect™ Rack System**

Mount compatible accessories directly and quickly to the rear or front rack of your Rancher using easy Pro-Connect™ Rack System (no tools required). Our purpose-built line of Pro-Connect accessories helps to keep your gear in place and more secure wherever you place your items on the rack while maximizing storage. Front and rear steel-tube carriers feature large steel plates and additional tie-down points for improved load security.

## **| Quiet Operation**

Stainless-steel exhaust system includes a muffler with spark arrestor that are designed for quiet operation and long-lasting performance.

## **| Convenient selector**

Handy 4WD/2WD selector lever, mounted on the left-front panel, allows you to engage 4WD when needed for the tough stuff and 2WD when conditions allow.

## **| Double-cradle steel frame**

Double-cradle steel frame developed with Computer Aided Engineering features increased stiffness for even more precise handling and a smoother ride.

## **| Strong visibility**




Twin-headlight system features powerful 35-watt bulbs for improved light distribution.

## **| Intuitive display**

Full-function instrumentation gives the dash a modern look while providing information at a glance. There's even a Maintenance Minder system that notifies when it's time for service.

	Rancher® 420	Rancher® 420 DCT IRS EPS
Electronic Fuel Injection	■	■
2WD/4WD	■	■
Independent Rear Suspension (IRS)		■
Electric Power Steering (EPS)		■
Manual Transmission	■	
Automatic Dual-Clutch Transmission (DCT)		■
Back-up Recoil Starter	■	■



	Rancher®	Rancher® DCT IRS EPS
<b>Engine Type</b>	Liquid-cooled longitudinally mounted single-cylinder	Liquid-cooled longitudinally mounted single-cylinder
<b>Displacement</b>	420 cc	420 cc
<b>Bore &amp; Stroke</b>	86.5 mm x 71.5 mm	86.5 mm x 71.5 mm
<b>Compression Ratio</b>	9.9:1	9.9:1
<b>Valve Train</b>	OHV, 2 valves	OHV, 2 valves
<b>Fuel Delivery</b>	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection
<b>Transmission</b>	Five-speed with automatic clutch, reverse and ultra-low first gear	Fully automatic, five-speed, Dual-Clutch Transmission with selectable Electric Shift Program (ESP) and reverse
<b>Power Steering</b>	Not Available	Standard, Electric Power Steering
<b>Final Drive</b>	2WD/4WD; direct front and rear driveshafts with 2WD/4WD shifter and torque-sensing front differential	2WD/4WD; direct front and rear driveshafts with 2WD/4WD shifter and torque-sensing front differential
<b>Front Suspension</b>	Independent Double A-arm with adjustable hydraulic shocks; 170 mm (6.7 in.) travel	Independent Double A-arm with adjustable hydraulic shocks; 185 mm (7.3 in) travel
<b>Rear Suspension</b>	Swingarm with single adjustable hydraulic shock; 170 mm (6.7 in.) travel	Independent Dual Arm (lower A-arm, upper I-arm) with adjustable hydraulic shocks; 215 mm (8.5 in.) travel
<b>Tires</b>	<b>Front:</b> 24 x 8-12 <b>Rear:</b> 24 x 10-11	<b>Front:</b> 24 x 8-12 <b>Rear:</b> 24 x 10-11
<b>Brakes</b>	<b>Front:</b> dual 190 mm discs <b>Rear:</b> 160 mm sealed mechanical drum	<b>Front:</b> dual 190 mm discs <b>Rear:</b> single 170 mm disc
<b>Length</b>	2,104 mm (82.8 in.)	2,147 mm (84.5 in.)
<b>Width</b>	1,205 mm (47.4 in.)	1,205 mm (47.4 in.)
<b>Ground Clearance</b>	181 mm (7.1 in.)	244 mm (9.6 in.)
<b>Wheelbase</b>	1,269 mm (50.0 in.)	1,294 mm (50.9 in.)
<b>Curb Weight*</b>	280 kg (617 lb.)	311 kg (686 lb.)
<b>Fuel Capacity</b>	14.7 L, including 4.9 L reserve	14.7 L, including 4.9 L reserve
<b>Cargo capacity</b>	<b>Front rack:</b> 30 kg (66 lb.) <b>Rear rack:</b> 60 kg (133 lb.)	<b>Front rack:</b> 30 kg (66 lb.) <b>Rear rack:</b> 60 kg (133 lb.)
<b>Towing capacity</b>	385 kg (850 lb.)	385 kg (850 lb.)
<b>Colour</b>	 Patriot Red  Adventure Green	 Reactor Blue

\*including required fluids and full tank of gas - ready to ride





## **Why Honda?**

Honda has built a reputation for superior design and innovation, strong performance and legendary durability, quality and reliability. Owning a Honda means having the confidence that your ATV is a superior product and will get you back home at the end of the day. It also means that you have the support of Honda dealers and technicians who are trained to help maintain the original quality of your product throughout its lifetime. High quality products, dealer support and customer satisfaction—that's why so many people choose Honda.

Riding a motorcycle, ATV or side-by-side can be hazardous. For your safety, always wear a helmet, eye protection and protective clothing whenever you ride. Never ride under the influence of drugs or alcohol. Never engage in stunt riding. Inspect your vehicle before riding, read your owner's manual, and Honda recommends that all riders take a rider training course. Always obey local laws, use common sense and respect the rights of others when you ride. Whenever you ride off-road, always stay on established trails in approved riding areas. Make sure you obtain written permission before riding on private land. Keep your riding area clean and never modify the spark arrestor or exhaust system. Some of the technologies described in this brochure come with limitations. See owner's manual for complete details. Specifications, descriptions and illustrations contained in this brochure are based on information believed to be correct at the time this publication was approved for printing. Although descriptions, specifications, model images, colours and accessories are believed to be correct, accuracy cannot be guaranteed. Errors and omissions excepted. Specifications are subject to change without notice. All specifications in this brochure apply only to models sold and registered in Canada by an authorized dealer. Some of the models and/or accessories may not be exactly as shown. Some or all of the accessories described or illustrated in this brochure may not be standard and may be available only at an extra cost. Visit [honda.ca](http://honda.ca) for additional safety information