YANMAR

SUB COMPACT TRACTOR

SA221 / SA424

22HP / 26HP



This is the future

Big tractor performance, compact tractor dimensions

Why wait for the future when you can enjoy it now? With Yanmar SA Series tractors, you can experience all the environmental, productivity and safety benefits of the future today.

Learned from the past, built for the future

Having learned and embraced the lessons of the past, Yanmar is ideally equipped to help its customers shape a cleaner, safer and more productive future.

Yanmar has an ambitious vision of the future. A future in which equipment is more efficient, kinder to the environment, safer for those that toil in the operator's seat, and more cost-effective for machine owners.

That vision drove the design of the new SA Series sub compact tractors; a two-model range of future-ready machines that set new standards in emissions control, fuel economy, operator comfort and safety, and ease of maintenance. And these big tractor benefits are encapsulated within a tractor that is roughly the size of a traditional garden tractor, making it the go-anywhere solution for a huge variety of working applications.

YANMAR SA221

Less is more

Small but perfectly formed is a term that might have been designed to describe the Yanmar SA221. The sub compact tractor might be small but it crams in features, benefits and innovations at every turn.



Compact body

Even though it is designed to tackle the duties normally charged to larger tractors, the Yanmar SA221 features a compact body that would not look out of place on a regular garden tractor. In addition to adding to the smooth lines of the machine, this compact body lends the tractor a work-anywhere capability that allows it to work in areas where space is limited.

Strong

Yanmar recognises that tractors are, first and foremost, working machines; working machines that need to be strong enough to withstand long working hours in harsh conditions; working machines that are easy to maintain and cost-effective to run.

So, in keeping with all Yanmar tractors, the new SA221 is designed to withstand the rigours of extreme tractor applications. Components are selected as much for durability as for aesthetic appeal to create a sub compact tractor that is as tough as it is beautiful to look at.

Spacious Operator Area

The Yanmar SA221 unit is operated from a spacious and well-appointed operator's area that features a fully-adjustable suspension seat with foldable arm rests for optimum operator comfort. That comfort is further enhanced by an isolation-mounted engine and full-frame chassis that minimizes vibration through the operator compartment.

Easy to operate

A hydrostatic transmission - with convenient side-by-side pedals for simple forward/reverse operation - provides multiple range options to get the job done regardless of terrain or the implement you're using.
Smooth hydraulic power steering delivers no kickback in the steering wheel for reduced operator fatigue.
These features combine to produce a tractor that is easy and above all safe to operate.

Yanmar at heart

All the key engine and drivertrain components bear the Yanmar stamp of quality to provide purpose-matched performance, a long, trouble-free life, and the peace of mind that comes with using only the very best.

YANMAR SA424

When the going gets tough

Don't be deceived by its compact dimensions; the Yanmar SA424 is a tough customer with all the muscle needed for even the toughest applications.



No stone has been left unturned in the pursuit of quality, power, performance and durability. The result is a tractor that performs as good as it looks… And it looks stunning.

Compact yet powerful

The Yanmar SA424 is a welterweight contender; a compact lean machine that packs a punch, making it the ideal choice for demanding duties on larger properties and difficult terrain.

The machine's compact body allows it to work in confined spaces while providing the balance and stability required to give the operator the confidence to make maximum use of its go-anywhere capabilities.

Built to last

Tough terrain needs a tough tractor. Tough terrain needs the Yanmar SA424; a sub compact tractor built specifically to withstand the knocks of working life. Designed to perform in challenging terrain, the new Yanmar SA424 has a higher ground clearance and is incredibly stable under tough conditions.

The machine is equipped with a larger, more aggressive tyre package. This makes for a tractor with increased ground clearance and greater operational stability over challenging terrain. It means you can operate in the toughest of territory with complete comfort and confidence. And with this increased operating confidence, you'll be able to get even more out of what your land has to offer.

Exuding excellence

The Yanmar name is synonymous with quality; and in the SA424, that reputation is solidified.

Every aspect of the 424 - from the design, through the components, to the aesthetics of the tractor - simply exude quality.

Protecting your greatest asset

Your most important asset is your staff; and the SA424 has been designed to take the very best care of that asset.

The machine is operated from a ROPS that is fitted as standard with a comfort seat that supports the operator through a long working day.

Spacious and well-appointed, the cab boasts ample leg and storage room and ergonomically-positioned controls for maximum operator comfort and reduced fatigue.

Simple and safe

Yanmar tractors are built to work hard so the operator doesn't have to. The Yanmar SA424 is designed to be simple to operate, requiring minimal training to deliver optimum returns on your investment.

Compact, clean Yanmar engine

- **Eco-Diesel**
- **Yanmar made**
- **Durable & reliable**
- **Easy maintenance**



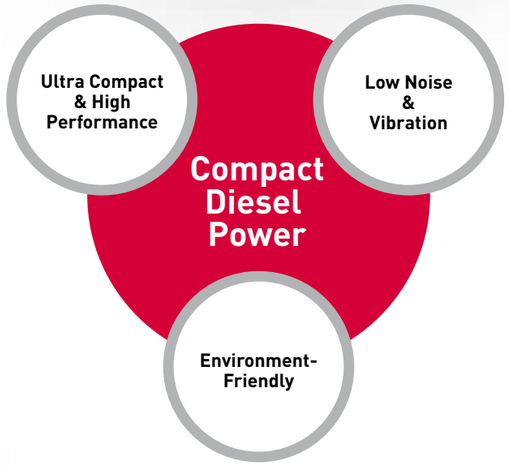
Maintaining Yanmar's forward-thinking vision, the SA Series tractors have been built around fuel efficient and environmentally-friendly diesel engines to deliver unprecedented levels of power, performance and economy.

The Yanmar SA221 is powered by a fuel efficient and emissions compliant Yanmar engine developing 22 HP at a rated 3,000 rpm to deliver a top speed of 14 km/h. A 23-litre fuel tank allows the SA221 machine to work for long periods before refuelling.

The emissions-compliant Yanmar diesel engine used in the larger SA424 develops 26 HP at a rated 3,000 rpm for additional power and performance, a top speed of 22 km/h while providing class-leading fuel economy. A large capacity fuel tank again ensures that the machine can be operated for long periods without refuelling.







Engine, Transmission & Transaxels

Made together to work together

If the engine produces the power, then the transmission is the means by which it is put where it counts: in the axles, in the tyres and in the implements.

Yanmar makes all the major drivetrain components - the engine, transmission and axles - in-house. And because they're made together to work perfectly together, you get a hardworking machine with more useable horsepower, less power loss and a smoother, more comfortable ride. We call it Performance Link Technology™. You'll call it invaluable.

Engine, transmission and axles
Yanmar designs and builds all the main components: engine,transmission & axles. Cast iron transaxle and front axle offers high durability for variety of work you perform. An integrated transaxle works well with a full-frame chassis. Those are designed together to let the tractor perform. In order to deliver engine power with maximum efficiency, engine and transaxle are directly connected with main drive shaft.

Made by Yanmar





Comfort

- Spacious operator area
- Low vibration
- Long on one tank
- Quiet-running engine
- Comfortable Stearing wheel
- Deluxe seat

Taking care of your greatest asset: your people

Spacious operator area
The operator's area in the SA Series tractors is more than just a cab; it is a comfortable, well-protected and safe haven with lots of room, all controls readily to hand.

Chassis-frame type
Operator comfort is further enhanced by an isolation-mounted engine and full-frame chassis that minimises noise and vibration through the operator compartment.

SA424-Easy step in
A strategically-located step together with grab handles provides easy and safe ingress and egress from the operator's compartment.



Fuel tank
Filled via a conveniently-located filler cap, both tractors boast an exceptionally large fuel tank that - when combined with the fuel-efficient engines - affords long periods before refuelling to maximise productivity and minimise downtime.



23 Liters - Fuel tank
In combination with our very fuel efficient engine no need to stop the job to refuel. One gets more work done when you're not stopping frequently to refuel. The large fuel tank ensures that refueling operations don't hinder your work schedule. Easy to reach fuel cap.

Quiet-running engine
Precision-built engine and transmission together with advanced acoustic management ensures that the SA Series tractors are quiet in operation.

Comfortable Steering wheel
Ergonomically-designed steering wheel provides operator with superb and responsive machine control together with optimum comfort.

Deluxe seat
A luxury EU-accredited suspension seat featuring foldable arm rests can be adjusted in height and position to provide the operator with the optimum operating comfort and excellent support during a long working day.

Illuminated meter panel
A large digital display panel ensures that the operator is aware of all key operating functions while a digital gauge accurately monitors fuel consumption and fuel levels.



Quiet
An operator's compartment quieter than a library and a seat so comfortable that you might struggle to get the operator to leave it at the end of a working shift.



Easy operation

Yanmar recognises that the driver is key to the productivity of any tractor. So the SA Series has been designed to be easy to understand, simple to operate, and quick and intuitive to master. This ensures optimum performance regardless of whether the machines are driven by a veteran operator or a relative novice.

- **Selective 4WD**
- **Hydraulic power steering**
- **Side-by-side foot pedals**
- **4-position implement control valve**

Selective 4WD
Mechanically-engaged 4-wheel drive provides excellent performance in even the most difficult ground conditions to provide maximum tractive effort in heavy front loader applications and to drive other implements.





Hydraulic power steering
Light steering makes the SA tractors easy to operate in confined spaces and helps minimise operator fatigue.



4-position implement control valve
All implement controls are via a single joystick that is controlled by a 4-position control valve that facilitates faster implement changes and greater levels of control.



Side-by-side foot pedals
A pair of side-by-side hydrostatic foot pedals provide fast and smooth forward and reverse speed changes, allowing the operator to concentrate on steering and controlling the implements.



Ground clearance

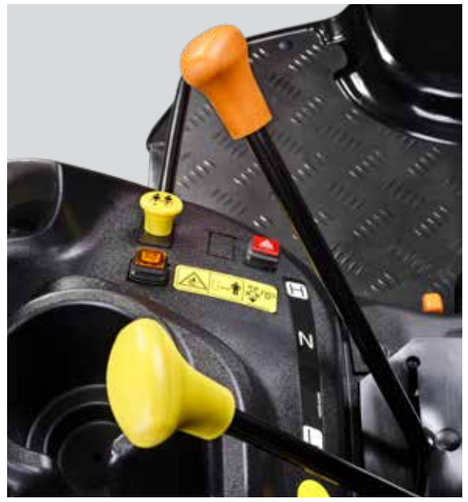
Versatility

- **Ground clearance**
- **Versatile category 3-point hitch**
- **ROPS**
- **Deluxe lever guide**

Ground clearance
Offering a smooth ride in all terrains, the SA424 boasts a class-leading ground clearance of 249 mm.

ROPS
The Yanmar SA Series tractors are operated from a spacious, well-appointed area including ROPS that features a fully adjustable suspension seat with foldable arm rests for optimum operator comfort.

Deluxe lever guide
Colour-coded and ergonomically-located control lever makes SA Series tractors easy and stress-free to operate.



Versatile category 3-point hitch
The machine is equipped with a Category I 3-point hitch as standard, and is offered with a wide array of attachments for maximum operating versatility and optimum utilisation levels.



ROPS



Simple to service, easy to maintain



- Easy to work with
- Simple access
- One piece bonnet



Easy access to key maintenance parts
Low-maintenance Yanmar engines have been designed to provide extended service intervals. However, when service or maintenance work is required, users will find the engines exceptionally easy to work on.

Thanks to a polycarbonate hood that folds back in one piece, access to all key maintenance points is greatly simplified. In addition, all key service points are grouped on one side for convenience and accessibility.

Radiator in front
A front-mounted radiator is protected against the ingress of grass for a long working life and optimum engine cooling and protection.



One piece bonnet
Durable polycarbonate bonnet folds back in a single piece to provide easy access to all key service points for simplified maintenance.

Maintenance

SA424 Inside



Specifications

Model			SA221	SA424
Engine	Maker		YANMAR	
	Model		3TNM72-DRE	3TNV76-DRE
	Type		4 Cycle Inline, Water-Cooled Diesel	
	Number of Cylinders		3	
	Bore and Stroke	[mm]	72 x 74	76 x 82
	Total Displacement cu. in.	[L]	0.903	1.116
	Power*	[kW]	16.1	19.2
	Power*	[HP]	22	26
	Rated Revolution	[rpm]	3000	
	Maximum Torque	[N•m]	55.7	67.8
	Battery		540CCA	
	Fuel		Diesel Fuel	
Capacities	Fuel Tank	[L]	23	
	Engine Oil	[L]	2.9	3.4
	Engine Coolant	[L]	2.8	
	Transmission Oil	[L]	15.5	
	Front-axle Oil	[L]	3.0	
Dimensions [ROPS]	Overall Length [with 3-Point Hitch]	[mm]	2699	2793
	Overall Width [with R4 Tires]	[mm]	1200	1439
	Overall Height [with Roll-Over Protective Structure [ROPS], R4 Tires]	[mm]	2090	2215
	Overall Heigt [with Folded ROPS, R4 Tires]	[mm]	1515	1675
	Overall Height [with R4 Tires] [Top of Steering wheel]	[mm]	1299	1440
	Wheel Base	[mm]	1470	1600
	Min. Ground Clearance [with R4 Tires]	[mm]	163	249
	Tread [with R4] Front	[mm]	894	960
	Tread [with R4] Rear	[mm]	894	1028
	Weight ROPS [with R4 Tires]	[kg]	764	842
Dimensions [CABIN]	Overall Lenght [with 3-Point Hitch]	[mm]	2699	2793
	Overall Width [with R4 Tires]	[mm]	1215	1439
	Overall Height [R4 Tires]	[mm]	2060	2190
	Weight [with R4 Tires]	[kg]	1100	1190

** Rated Engine Net Power - According to UNECE Regulation No. 120*

Travelling section	Tire	Turf [R3]	Front	18 x 8.50-10 4PR	24 x 8.50-14 4PR
			Rear	26 x 12.0-12 4PR	36 x 14.00-15 4PR
		Industrial [R4]	Front	18 x 8.50-10 6PR	23 x 8.50-12 4PR
			Rear	26 x 12.0-12 4PR	14-17.5 6PR
	Steering			Hydrostatic Power	
	Transmission			Hydrostatic Transmission	Hydrostatic Transmission, 2 Rance Speeds
	Drive			Selected 4WD	
	Brake			Wet Disk	
	Minimum Turning Radius		[m]	2.4	2.6
	Hydraulic Control System			Select Control, Open Center	Position Control, Open Center
	Pump Capacity [main]		[L/min]	16.1	
	Pump Capacity [steering]		[L/min]	14.1	
	3-Point Hitch			Limited Category 1	
	Max. Lift Force	Lift Point	[kg]	520	713
		24 in. Behind Lift Point	[kg]	300	548
	System Pressure		[bar]	130	167
Power Take Off [PTO]	Type			Hydraulic Clutch	
	Power		[kW]	11	14
	Rear	Shaft Size		1 3/8* 35 mm OD, 6 Splines	
		Type		Independent	
		Speed/Engine	[min^{-1} [rmp]]	540@3120	
	Mid	Shaft Size		SAE 16/32, 15 Splines	
		Type		Independent	
		Speed/Engine	[min^{-1} [rmp]]	2000@3111	

Traveling Speeds [Reference]

Model		Forward	Reverse
		[km/h]	[km/h]
SA221	-	0-13.0	0-9.0
SA424	Lo	0-9.4	0-6.6
	Hi	0-23.3	0-15.5

Find your Yanmar dealer nearby

Home-based in Japan, Yanmar is a premium brand in industrial diesel engines and machinery, including agricultural equipment. European headquarters are located in the Netherlands.

For agricultural products, spare parts and support we have an broad partner network with almost 180 carefully selected dealers and distributors in 20+ European countries. More than 60 of them cover Germany. Next to farming and gardening, you will find Yanmar products in a wide range of applications in marine, construction, energy systems, and industry.

www.yanmaragriculture.eu/dealer-locator



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