

2025 Catalog

# Series 1

Sub-Compact Tractors

21.5 - 23.9 hp



For distribution and sales in North American territories

# Series 1 Sub-Compact Tractors

The Series 1 tractors are designed and engineered to prove that one machine can cover all your needs. These sub-compact

tractors make your job easier while eliminating the need for multiple machines and tools to overcome challenges.



## T224

Engine power	Lift capacity
21.5 hp	499 kg



## T254

Engine power	Lift capacity
23.9 hp	551 kg



# Designed to be as diverse as you and your property

The Series 1 tractors offer capabilities beyond a riding mower, without compromising on ease of operation and maneuverability. Multi-functional capabilities and a compact frame come together for a definitive upgrade from traditional machinery and maintenance tools.

Use a Series 1 tractor to maintain a healthy lawn, grow a home garden, clear the yard, or build a lively homestead. Linkage points for a front-end loader, mid-mount, and rear hitch enable you to attach a variety of attachments to complete everyday tasks.

## Most popular applications



Landscaping



Arable  
Farming



Cleaning



Livestock &  
Poultry





# All the right features to get the job done



## Ergonomic features for enhanced productivity

A wide operator cabin with a flat floor offers good visibility and ample leg room, promoting comfortable operation. All controls are within arm's reach, including a dial to control the cutting height of the mid-mount attachment. The accelerator, brake pedal, differential lock, and parking brake are easily accessible on the floor of the cabin, located precisely where you expect them to be. These features make this tractor easy to operate, even for novice drivers.



## High torque, water-cooled Yanmar diesel engine

The Japanese made Yanmar engine offers more torque with less revs compared to competitors in its class. Since it is water cooled, the engine warms up faster and stabilized temperature more effectively while the tractor is running. The engine is also Tier 4 certified, including for noise emission standards.



## Mid-mount linkage for mowing attachments

The mid-mount linkage on the tractor allows easy installation for a mower up to 54 inches wide. Cutting height can be adjusted easily during operation using the dial on the operator console to tackle overgrowth more efficiently.



## Easy-to-open hood for convenient maintenance

The tractor hood can be opened in one motion, providing easy access to the engine and other systems for daily checks, routine service, and maintenance. The side panel can also be removed easily without the need for specialized tools.



## Accessible fuel tank for simpler refueling

Located on the right side of the driver's seat, the fuel tank of this tractor is easy to open with an ergonomically designed twist-off cap. The tank can be topped up with fuel, even when implements are connected to the tractor.



## Foldable ROPS for low-ceiling structures

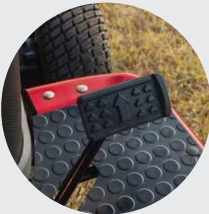
The Roll Over Protective Structure (ROPS) of the tractor is designed to be folded, allowing for easy storage in garages, sheds, and other low-ceiling structures.

# T224

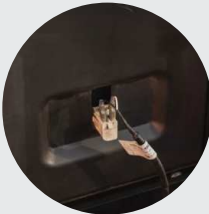
A sub-compact tractor designed for full-sized tasks



1. PTO lever for mid and rear rpm



2. 2-range hydrostatic transmission (HST)



3. Safety seat sensor



4. Throttle lever



5. PTO on/off switch



6. Dial adjustment for mower height

## Key specifications:

Engine power	Engine manufacturer	Lift capacity	PTO power
21.5 hp   16 kW	Yanmar 3TNV74F	1100 lb   499 kg	15.1 hp   11.3 kW

# T254

A sub-compact tractor engineered for productivity inside and out



1. Linkage for optional loader



2. 2-range HST



3. Foldable ROPS or all-weather cabin



4. Throttle lever



5. Ergonomic seating



6. Large-volume fuel tank

## Key specifications:

Engine power  
**23.9 hp | 17.8 kW**

Engine manufacturer  
**Yanmar 3TNV80F**

Lift capacity  
**1214 lb | 551 kg**

PTO power  
**18.8 hp | 14.0 kW**



# Specification Guide

MODEL	T224	T254
ENGINE		
Engine manufacturer	Yanmar 3TNV74F	Yanmar 3TNV80F
Type	Natural aspiration	Natural aspiration
Engine power	21.5 hp   16 kW	23.9 hp   17.8 kW
PTO power	15.1 hp   11.3 kW	18.8 hp   14.0 kW
Rated engine speed	3200 rpm	3000 rpm
No. of cylinders	3	3
Displacement	60.6 cu. in.   993 cc	77.3 cu. in.   1267 cc
Air cleaner	Single dry	Single dry
Alternator	12V, 40A	12V, 40A
Fuel system	IDI	IDI
POWERTRAIN		
Transmission type	HST	HST
No. of speeds	2 Range	Infinite 2-Range
Max. traveling speed	8.4 mph   13.5 kmph	11.0 mph   17.7 kmph
Brakes	Wet disc	Wet disc
Steering	Hydrostatic	Hydrostatic
Clutch	N/A	N/A
HYDRAULIC SYSTEM		
Pump type	Single gear pump	Single gear pump
Implement flow	4.6 gpm   17.4 L/min	4.2 gpm   15.8 L/min
Steering flow	2.1 gpm   8 L/min	2.8 gpm   10.5 L/min
Total flow	6.7 gpm   25.4 L/min	6.9 gpm   26.3 L/min
Category, 3-point hitch	I (N)	I (N)
Hitch lift capacity	1100 lb   499 kg	1214 lb   551 kg
Hitch lift capacity at 24 inches behind link ends	679 lb   308 kg	1101 lb   499 kg
Lift control type	Position	Position
No. of standard remote valves	Optional (1)	Optional (1)
PTO		
PTO type	Independent	Independent
PTO control	Electric/Hydro	Electric/Hydro
PTO rear	540 rpm	540 rpm
CAPACITIES		
Fuel tank	6.6 gal   25 L	5.8 gal   22 L
Coolant	3.7 qt   3.5 L	3.8 qt   3.6 L
Crankcase	1.9 qt   1.8 L	2.9 qt   2.7 L
Transmission/Hydraulics system	3.6 gal   13.6 L	3.7 gal   14 L
Front axle	2.6 qt   2.5 L	3.7 qt   3.5 L
DIMENSIONS & WEIGHTS		
Overall length with 3-point hitch	94.2 in.   2394 mm	100.5 in.   2553 mm
Overall width	44.5 in.   1130 mm	45.8 in.   1164 mm
Wheelbase	53.1 in.   1350 mm	57.5 in.   1460 mm
Height to top of ROPS	86.6 in.   2200 mm	91.3 in.   2320 mm
Height to top of cabin	-	-
Min. ground clearance	8.3 in.   210 mm	9.4 in.   240 mm
Min. turn radius with brakes	-	88.58 in.   2250 mm
Min. turn radius without brakes	86.6 in.   2200 mm	100 in.   2540 mm
Weight with ROPS	1472 lb   668 kg	1638 lb   743 kg
Weight with cab	-	-
STANDARD TIRES		
R1 Agricultural - Front	BAR F 16x6.50-8	6.0-12
R1 Agricultural - Rear	BAR R 24x12.00-12	9.5-16
R3 Turf - Front	Turf Master 16x7.50-8 NHS TL 4PR	Turf Master 20x8.00-10 NHS TL 4PR
R3 Turf - Rear	Turf Master 24x12.00-12 NHS TL 4PR	Multi-Trac CS 29x12.50-15 NHS TL 4PR
R4 Industrial - Front	WT300 18x8.5-10 NHS TL 4PR	Trac Chief 20x8.00-10 NHS TL 4PR
R4 Industrial - Rear	WT300 26x12.00-12 NHS TL 4PR	Trac Chief 27x12.5-15 NHS TL 4PR



# Designed for your world

TYM creates tractors that bring together alluring form, advanced function and accessible value. Through Korean expertise in design, engineering and manufacturing, the company helps owners overcome every obstacle as they shape the world around them.

Headquartered in Korea with distribution across North America, Europe, and Asia, and assembly operations in the USA, TYM has been empowering customers for over 70 years.

[www.tym.world](http://www.tym.world)