

2023 Catalog

Series 1

Sub-Compact Tractors

21.5 - 24.7 hp



MERCY'S
FARM EQUIPMENT INC.

Serving Vermont & Northern NY

(802) 326-4143

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 the needs of your property. While minimizing your manual effort, these tractors eliminate the need for multiple machines and tools to overcome

challenges. Use the front loader to transport material around your property, the mid-mount mower to tend to your lawn and a backhoe implement with rear attachments to complete cleaning tasks efficiently.



T224

Engine power 21.5 hp - Lift capacity 499 kg



T254

Engine power 23.9 hp - Lift capacity 551 kg



2400R

Engine power 24 hp - Lift capacity 680 kg



2400H

Engine power 24 hp - Lift capacity 680 kg



T264

Engine power 24 hp - Lift capacity 696 kg



2610

Engine power 24 hp - Lift capacity 680 kg



T25

Engine power 24.7 hp - Lift capacity 696 kg

Designed for applications in and around your property

The Series 1 tractors allow you to go 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, build a home garden, take care of yard work with ease, or create space for a lively home farm. Linkage points for a front loader, mid-mount and rear hitch enable you to attach a variety of implements to complete tasks on your land.

Most popular applications



Landscaping



Arable Farming



Cleaning



Livestock & Poultry



All the right features to get the job done



High torque, water-cooled diesel engines

Equipped with engines that offer more torque with less revs compared to in-class competitors, the Series 1 tractors warm up faster and stabilize temperatures more effectively while the tractor is running.



Mid-mount linkage for mowing implements

For effortless mowing and landscaping tasks, the Series 1 tractors come with a mid-mount linkage. The cutting height of the mowers can be adjusted easily from within the operator cabin with a dial-type controller.



Hydrostatic transmission for infinitely variable drive speed

Responsive hydrostatic controls offer a smooth ride for operators, from the forward and reverse pedal to the powered steering wheel. These reduce the need for operator effort and maximize productivity.



Foldable ROPS for storage in low-ceiling structures

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



Controls to speed up, slow down, raise or lower implements

Even while the tractor is in motion, a dedicated PTO lever can be used to speed up or slow down implement rpm, while the dial can raise and lower implements at the prescribed speed.



Ergonomic features for enhanced productivity

A wide operator cabin offers good visibility and ample legroom, with the accelerator, brake pedal, differential lock and parking brake located precisely where you expect. All controls are within arms' reach for effortless operation.

T224

Smallest and most maneuverable



Key specifications:

Engine power
21.5 hp -

Engine manufacturer
Yanmar 3TNV74F

Lift capacity
499 kg

PTO power
15.1 hp -



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

T254

The series standard



Key specifications:

Engine power
23.9 hp -

Engine manufacturer
Yanmar 3TNV80F

Lift capacity
551 kg

PTO power
18.8 hp -



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



2400R

ConstantMesh transmission



Key specifications:

Engine power
24 hp -

Engine manufacturer
TYM A1100N2 IDI NA

Lift capacity
680 kg

PTO power
21 hp -



1. New iconic hood



2. Comfortable suspension seat



3. Ergonomic lever



4. Highly responsive forward & reverse HST (2400H)



5. PTO lever



6. 2 port rear hydraulic control (Optional)



2400H

Hydrostatic transmission (HST)



Key specifications:

Engine power
24 hp -

Engine manufacturer
TYM A1100N2 IDI NA

Lift capacity
680 kg

PTO power
18 hp -



1. New iconic hood



2. Comfortable suspension seat



3. Ergonomic lever



4. Highly responsive forward & reverse HST (2400H)



5. PTO lever



6. 2 port rear hydraulic control (Optional)



T264

Small-frame with enhanced lift



Key specifications:

Engine power
24 hp -

Engine manufacturer
TYM A1100N2

Lift capacity
696 kg

PTO power
18.3 hp -



1. Optional loader with high lift capacity



2. PTO on/off switch



3. Dual filter air cleaner



4. Cruise control



5. Foldable ROPS or heated cab



6. Joystick control for front loader

2610

Power and efficiency in one



Key specifications:

Engine power
24 hp -

Engine manufacturer
TYM A1100N2 IDI NA

Lift capacity
680 kg

PTO power
18 hp -



1. New iconic hood



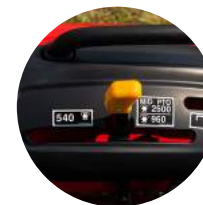
2. Comfortable suspension seat



3. Ergonomic lever



4. Highly responsive forward & reverse HST



5. PTO lever



6. 2 port rear hydraulic control (Optional)

T25

The new standard for sub-compacts



Key specifications:

Engine power
24.7 hp -

Engine manufacturer
Yanmar 3TNV80F

Lift capacity
696 kg

PTO power
18.3 hp -



1. 2 range hydrostatic transmission (HST)



2. 3rd function for 4-in-1 bucket work



3. 2 USB ports



4. Bluetooth speaker with IP66 grade waterproofing



5. Wireless smartphone charger



6. Wide loadspace with a well-equipped toolbox



Specification Guide

MODEL	T224	T254	2400R	2400H
ENGINE				
Engine manufacturer	Yanmar 3TNV74F	Yanmar 3TNV80F	TYM A1100N2 IDI NA	TYM A1100N2 IDI NA
Type	Natural Aspiration	Natural Aspiration	Natural Aspiration	Natural Aspiration
Engine power	21.5 hp 16 kW	23.9 hp 17.8 kW	24 hp 17.9 kW	24 hp 17.9 kW
PTO power	15.1 hp 11.3 kW	18.8 hp 14.0 kW	21 hp 15.7 kW	18 hp 13.5 kW
Rated engine speed	3200 rpm	3000 rpm	2800 rpm	2800 rpm
No. of cylinders	3	3	3	3
Displacement	993 cc 60.6 cu. in.	1267 cc 77.3 cu. in.	1175 cc 71.7 cu. in.	1,175 cc 71.7 cu. in.
Air cleaner	Single Dry	Single Dry	Dry Element	Dry Element
Alternator	12V, 40A	12V, 40A	12V, 60A	12V, 60A
Fuel system	IDI	IDI	IDI	IDI
POWERTRAIN				
Transmission type	HST	HST	ConstantMesh	HST
No. of speeds	2-Range	Infinite 2-range	F6xR2	2-Range
Max. traveling speed	13.5 kmph 8.4 mph	17.7 kmph 11.0 mph	15.9 kmph 9.9 mph	17.9 kmph 11.1 mph
Brakes	Wet Disc	Wet Disc	Wet, Multi-disc	Wet, Multi-disc
Steering	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Clutch	N/A	Dry Single Plate	Dry Single Plate	Dry Single Plate
CAPACITIES				
Fuel tank	25 L 6.6 gal	22 L 5.81 gal	23 L 6.0 gal	23 L 6.0 gal
Coolant	3.5 L 3.7 qt	3.6 L 3.8 qt	4.9 L 5.3 qt	4.9 L 5.3 qt
Crankcase	1.8 L 1.9 qt	2.7 L 2.9 qt	3.0 L 3.2 qt	3.0 L 3.2 qt
Transmission/Hydraulics system	13.6 L 3.6 gal	14 L 3.7 gal	11 L 2.9 gal	9.8 L 2.6 gal
Front axle	2.5 L 2.6 qt	3.5 L 3.7 qt	0.7 L 0.8 qt	0.7 L 0.8 qt
PTO				
PTO type	Independent	Transmission PTO w/ ORC/Independent	Live	Live
PTO control	Electric/Hydro	Electric/Hydro	-	-
PTO rear	540 rpm	540 rpm	540 rpm	540 rpm
HYDRAULIC SYSTEM				
Pump type	Single Gear Pump	Single Gear Pump	Single Gear Pump	Single Gear Pump
Implement flow	15.78 l/min 4.17 gpm	15.82 l/min 4.18 gpm	11.7 l/min 3.1 gpm	11.7 l/min 3.1 gpm
Steering flow	7.99 l/min 2.11 gpm	10.48 l/min 2.77 gpm	16.3 l/min 4.3 gpm	16.3 l/min 4.3 gpm
Total flow	23.77 l/min 6.28 gpm	26.3 l/min 6.95 gpm	28 l/min 7.4 gpm	28 l/min 7.4 gpm
Category, 3-point hitch	I (N)	I (N)	I	I
Hitch lift capacity	499 kg	551 kg	680 kg	680 kg
Hitch lift capacity at 24 inches behind link ends	308 kg 679 lb	499 kg 1101 lb	442 kg 974 lb	442 kg 974 lb
Lift control type	Position	Position	N/A	Position
No. of standard remote valves	Optional (1)	Optional (1)	N/A	Optional (2)
DIMENSIONS & WEIGHTS				
Overall length with 3-point hitch	2394 mm 94.2 in.	2553 mm 100.5 in.	3055 mm 120.3 in.	3055 mm 120.3 in.
Overall width	1130 mm 44.5 in.	1164 mm 45.8 in.	1122.7 mm 44.2 in.	1122.7 mm 44.2 in.
Wheelbase	1350 mm 53.1 in.	1460 mm 57.5 in.	1502 mm 59.1 in.	1502 mm 59.1 in.
Height to top of ROPS	2200 mm 86.6 in.	2320 mm 91.3 in.	2219 mm 87.3 in.	2219 mm 87.3 in.
Min. ground clearance	210 mm 8.3 in.	240 mm 9.4 in.	307.3 mm 12.1 in.	307.3 mm 12.1 in.
Min. turn radius without brakes	2200 mm 86.6 in.	2540 mm 100 in.	2.93 m 9.6 ft	2.93 m 9.6 ft
Weight with ROPS	668 kg 1472 lb	743 kg 1638 lb	812.8 kg 1792 lb	858.2 kg 1892 lb
STANDARD TIRES				
R3 Turf - Front	Turf Master 16x7.50-8 NHS TL 4PR	Turf Master 20x8.00-10 NHS TL 4PR	23x8.50-12	23x8.50-12
R3 Turf - Rear	Turf Master 24x12.00-12 NHS TL 4PR	Multi-Trac CS 29x12.50-15 NHS TL 4PR	33x12.50-16.5	33x12.50-16.5
R4 Industrial - Front	WT300 18x8.5-10 NHS TL 4PR	Trac Chief 20x8.00-10 NHS TL 4PR	23x8.50-12	23x8.50-12
R4 Industrial - Rear	WT300 26x12.00-12 NHS TL 4PR	Trac Chief 27x12.5-15 NHS TL 4PR	12-16.5	12-16.5

Specification Guide

MODEL	T264	2610	T25
ENGINE			
Engine manufacturer	TYM A1100N2	TYM A1100N2 IDI NA	Yanmar 3TNV80F
Type	Natural Aspiration	Natural Aspiration	Natural Aspiration
Engine power	24 hp 18 kW	24 hp 17.9 kW	24.7 hp 18.4 kW
PTO power	18.3 hp 13.6 kW	18 hp 13.5 kW	18.3 hp 13.6 kW
Rated engine speed	2800 rpm	2800 rpm	3000 rpm
No. of cylinders	3	3	3
Displacement	1175 cc 71.7 cu. in.	1175 cc 71.7 cu. in.	1267 cc 77.3 cu. in.
Air cleaner	Single Dry	Dry Element	Single Dry
Alternator	12V, 50A	12V, 60A	12V, 40A
Fuel system	IDI	IDI	IDI
POWERTRAIN			
Transmission type	HST	HST	Synchro-Shuttle/HST
No. of speeds	Infinite 2-Range	3-Range	Infinite 2-Range
Max. traveling speed	20.8 kmph 12.9 mph	27.3 kmph 17 mph	22.1 kmph 13.7 mph
Brakes	Wet Disc	Wet, Multi-disc	Wet Disc
Steering	Hydrostatic	Hydrostatic	Hydrostatic
Clutch	Dry Single Plate	Dry Single Plate	N/A
CAPACITIES			
Fuel tank	25 L 6.6 gal	23 L 6.0 gal	25 L 6.6 gal
Coolant	5.58 L 5.9 qt	4.9 L 5.3 qt	3.6 L 3.8 qt
Crankcase	4.3 L 4.5 qt	3.0 L 3.2 qt	2.7 L 2.9 qt
Transmission/Hydraulics system	17.8 L 4.7 gal	9.9 L 2.6 gal	17 L 5.8 gal
Front axle	4.4 L 4.7 qt	0.7 L 0.8 qt	4.5 L 4.7 qt
PTO			
PTO type	Independent	Live	Independent
PTO control	Electric/Hydro	-	Electric/Hydro
PTO rear	540 rpm	540 rpm	540 rpm
HYDRAULIC SYSTEM			
Pump type	Dual Gear Pump	Single Gear Pump	Single Gear Pump
Implement flow	16.66 l/min 4.4 gpm	11.7 l/min 3.1 gpm	15.82 l/min 4.18 gpm
Steering flow	10.22 l/min 2.7 gpm	16.2 l/min 4.3 gpm	10.49 l/min 2.77 gpm
Total flow	26.88 l/min 7.1 gpm	28 l/min 7.4 gpm	26.31 l/min 6.95 gpm
Category, 3-point hitch	I	I	I
Hitch lift capacity	696 kg	680 kg	696 kg
Hitch lift capacity at 24 inches behind link ends	500 kg 1102 lb	442 kg 974 lb	500 kg 1102 lb
Lift control type	Position	Position	Position
No. of standard remote valves	Optional (1)	Optional (2)	Optional (1)
DIMENSIONS & WEIGHTS			
Overall length with 3-point hitch	2740 mm 107.8 in.	3122 mm 122.9 in.	2,740 mm 107.8 in.
Overall width	1342 mm 52.8 in.	1369 mm 53.8 in.	1342 mm 52.8 in.
Wheelbase	1480 mm 58.3 in.	1670 mm 65.7 in.	1550 mm 61 in.
Height to top of ROPS	2280 mm 89.8 in.	2328 mm 91.5 in.	2280 mm 89.8 in.
Min. ground clearance	196 mm 7.71 in.	382 mm 15.1 in.	196 mm 7.71 in.
Min. turn radius without brakes	2682 mm 105.5 in.	2.9 m 9.6 ft	2782 mm 109.5 in.
Weight with ROPS	853 kg 1881 lb	956 kg 2106 lb	853 kg 1881 lb
STANDARD TIRES			
R3 Turf - Front	Turf Master 23x8.50-12 NHS TL 4PR	23x8.50-12	Turf Master 23x8.50-12 NHS TL 4PR
R3 Turf - Rear	Multi-Trac CS 33x12.50-16.5 NHS TL 4PR	33x12.50-16.5	Multi-Trac CS 33x12.50-16.5 NHS TL 4PR
R4 Industrial - Front	Trac Chief 23x8.50-14 NHS TL 4PR	25x8.50-14	Trac Chief 23x8.50-14 NHS TL 4PR
R4 Industrial - Rear	Trac Chief 12-16.5 NHS TL 6PR	14-17.5	Trac Chief 14-17.5 NHS TL 6PR



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