

2023 Catalog

# Series 3

Compact Tractors

35 - 58 hp



**MERCY'S**  
**FARM EQUIPMENT INC.**

**Serving Vermont & Northern NY**

**(802) 326-4143**

For distribution and sales in North American territories

# Series 3 Compact Tractors

The Series 3 tractors are equipped to take on harder tasks in smaller spaces, designed to be durable and compact, and engineered for consistent efficiency. With a minimized overall height and high maneuverability, these tractors are

ideal to complete jobs in low-ceiling areas. Use a Series 3 tractor to grow thriving crops, complete building projects, clear paths in the winter and accomplish the vision for your property.



## 3620R

Engine power 35 hp - Lift capacity 1500 kg



## 3620H

Engine power 35 hp - Lift capacity 1500 kg



## T454

Engine power 46.6 hp - Lift capacity 1503 kg



## T454C

Engine power 46.6 hp - Lift capacity 1503 kg



## 4820R

Engine power 48 hp - Lift capacity 1500 kg



## 4820H

Engine power 48 hp - Lift capacity 1500 kg



## 4820C

Engine power 48 hp - Lift capacity 1500 kg



## 4820CH

Engine power 48 hp - Lift capacity 1500 kg

# Series 3 Compact Tractors



## T494

Engine power    Lift capacity  
48.3 hp -        1733 kg



## T494C

Engine power    Lift capacity  
48.3 hp -        1733 kg



## 5520R

Engine power    Lift capacity  
55 hp -            1500 kg



## 5520H

Engine power    Lift capacity  
55 hp -            1500 kg



## 5520C

Engine power    Lift capacity  
55 hp -            1500 kg



## 5520CH

Engine power    Lift capacity  
55 hp -            1500 kg



## T574

Engine power    Lift capacity  
55 hp -            1733 kg



## T574C

Engine power    Lift capacity  
55 hp -            1733 kg

# Series 3 Compact Tractors



## T554

Engine power 55.9 hp -  
Lift capacity 1503 kg



## T554C

Engine power 55.9 hp -  
Lift capacity 1503 kg



## 5835

Engine power 58 hp -  
Lift capacity 2000 kg

# Engineered for enhanced productivity and easy maneuverability

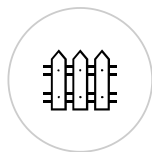
The Series 3 tractors boast a sleek and rugged design, while the interiors are packed with in-cabin controls and features to minimize operator effort. Engineered for productivity inside and out, these tractors feature sturdy cast iron linkages and easy to operate hydrostatic controls as a standard.

Good clearance from the ground and overhead allows drivers to take on uneven terrain easily, whether in a barn, in wooded areas under tree cover, or inside greenhouses. Equipped with high engine efficiency, impressive lift capabilities and the option of a foldable ROPS or heated cab configuration, Series 3 tractors have the capabilities to perform light-to-medium duty jobs, all year round.

## Most popular applications



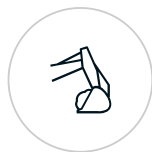
Arable Farming



Construction



Snow Clearing



Landscaping



# All the right features to get the job done



## High output diesel engines

Equipped with powerful engines, including Tier-4 certified 4-cylinder options, these tractors boast outputs comparable to utility tractors while maintaining a sub-compact tractor's dimensions.



## External lever to adjust rear implements

In addition to the in-cabin controls, these tractors have an external position lever near the 3-point hitch. This allows operators to adjust the position of an implement as soon as it is connected, without needing to go to the cabin.



## 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.



## 3rd function hydraulic valve for enhanced versatility implement capabilities

Allowing for versatile implement handling, this tractor comes ready with a 3rd function installation kit, allowing for versatile 4-in-1 functionality, including lifting, tilting, dumping and grappling.



## 3-point hitch with powerful lift capacity

The 3-point linkage on the rear has an impressive lift capacity that reaches the end joints. The rear PTO control can be used to adjust rpm based on the task, increasing it for more intensive applications like slashing and digging.



## High capacity fuel tank to support time intensive work

High capacity fuel tanks allow drivers to take on longer jobs without stopping for fuel. Combined with the engine, these tractors promote fuel-efficient operation and lower cycle times.

# 3620R

ConstantMesh transmission



## Key specifications:

Engine power  
**35 hp -**

Engine manufacturer  
**TYM A1700N2**

Lift capacity  
**1500 kg**

PTO power  
**28 hp -**



1. Hood design



2. Comfortable suspension seat



3. Ergonomic lever



4. Rear work light



5. High-capacity fuel tank



6. Front-end loader joystick lever

# 3620H

Hydrostatic transmission (HST)



## Key specifications:

Engine power  
**35 hp -**

Engine manufacturer  
**TYM A1700N2**

Lift capacity  
**1500 kg**

PTO power  
**29.6 hp -**



1. Hood design



2. Comfortable suspension seat



3. Ergonomic lever



4. Rear work light



5. High-capacity fuel tank



6. Front-end loader joystick lever



# T454

Powerful transmission in a compact frame



## Key specifications:

Engine power	Engine manufacturer	Lift capacity	PTO power
46.6 hp -	Yanmar 4TNV88CR	1503 kg	37.3 hp -



1. PTO cruise control



2. Projection head lamps



3. 2 sets of rear remote valve for various implements



4. Independent rear PTO switch



5. Foldable ROPS or all-season cab



6. Joystick control for optional front loader



# T454C

Powerful transmission in a compact frame



## Key specifications:

Engine power	Engine manufacturer	Lift capacity	PTO power
46.6 hp -	Yanmar 4TNV88CR	1503 kg	37.3 hp -



1. PTO cruise control



2. Projection head lamps



3. 2 sets of rear remote valve for various implements



4. Independent rear PTO switch



5. Foldable ROPS or all-season cab



6. Joystick control for optional front loader

# 4820R

ConstantMesh transmission



## Key specifications:

Engine power  
**48 hp -**

Engine manufacturer  
**TYM A2300N2**

Lift capacity  
**1500 kg**

PTO power  
**38.4 hp -**



1. Hood design



2. Comfortable suspension seat



3. Ergonomic lever



4. Rear work light



5. High-capacity fuel tank



6. Front-end loader joystick lever

# 4820H

Hydrostatic transmission (HST)



## Key specifications:

Engine power  
**48 hp -**

Engine manufacturer  
**TYM A2300N2**

Lift capacity  
**1500 kg**

PTO power  
**38.4 hp -**



1. Hood design



2. Comfortable suspension seat



3. Ergonomic lever



4. Rear work light



5. High-capacity fuel tank



6. Front-end loader joystick lever

# 4820C

ConstantMesh transmission



## Key specifications:

Engine power  
**48 hp -**

Engine manufacturer  
**TYM A2300N3**

Lift capacity  
**1500 kg**

PTO power  
**38.4 hp -**



1. Hood design



2. Comfortable suspension seat



3. Ergonomic lever



4. Highly responsive forward & reverse HST (4820CH)



5. High-capacity fuel tank



6. Front-end loader joystick lever

# 4820CH

Hydrostatic transmission (HST)



## Key specifications:

Engine power  
**48 hp -**

Engine manufacturer  
**TYM A2300N3**

Lift capacity  
**1500 kg**

PTO power  
**38.4 hp -**



1. Hood design



2. Comfortable suspension seat



3. Ergonomic lever



4. Highly responsive forward & reverse HST (4820CH)



5. High-capacity fuel tank



6. Front-end loader joystick lever

# T494

Power packed and maneuverable



## Key specifications:

Engine power <b>48.3 hp -</b>	Engine manufacturer <b>TYM A2300N2</b>	Lift capacity <b>1733 kg</b>	PTO power <b>37.2 hp -</b>
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1. Cruise control switch



2. Projection headlights



3. 4-port rear hydraulic valve



4. 3-range HST & 8F x 8R gear transmission



5. PTO switch



6. Digital instrument panel

# T494C

Power packed and maneuverable



## Key specifications:

Engine power <b>48.3 hp -</b>	Engine manufacturer <b>TYM A2300N2</b>	Lift capacity <b>1733 kg</b>	PTO power <b>37.2 hp -</b>
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1. Cruise control switch



2. Projection headlights



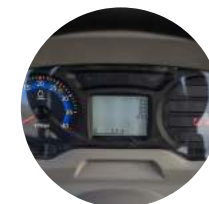
3. 4-port rear hydraulic valve



4. 3-range HST & 8F x 8R gear transmission



5. PTO switch



6. Digital instrument panel



# 5520R

ConstantMesh transmission



## Key specifications:

Engine power  
**55 hp -**

Engine manufacturer  
**TYM A2300T3**

Lift capacity  
**1500 kg**

PTO power  
**44 hp -**



1. Hood design



2. Comfortable suspension seat



3. Ergonomic lever



4. Rear work light



5. High-capacity fuel tank



6. Front-end loader joystick lever

# 5520H

Hydrostatic transmission (HST)



## Key specifications:

Engine power  
**55 hp -**

Engine manufacturer  
**TYM A2300T3**

Lift capacity  
**1500 kg**

PTO power  
**44 hp -**



1. Hood design



2. Comfortable suspension seat



3. Ergonomic lever



4. Rear work light



5. High-capacity fuel tank



6. Front-end loader joystick lever

# 5520C

ConstantMesh transmission



## Key specifications:

Engine power  
**55 hp -**

Engine manufacturer  
**TYM A2300T11**

Lift capacity  
**1500 kg**

PTO power  
**44 hp -**



1. Hood design



2. Comfortable suspension seat



3. Ergonomic lever



4. Highly responsive forward & reverse HST (5520CH)



5. High-capacity fuel tank



6. Front-end loader joystick lever

# 5520CH

Hydrostatic transmission (HST)



## Key specifications:

Engine power  
**55 hp -**

Engine manufacturer  
**TYM A2300T11**

Lift capacity  
**1500 kg**

PTO power  
**44 hp -**



1. Hood design



2. Comfortable suspension seat



3. Ergonomic lever



4. Highly responsive forward & reverse HST (5520CH)



5. High-capacity fuel tank



6. Front-end loader joystick lever

# T574

More power and transmission control



## Key specifications:

Engine power  
**55 hp -**

Engine manufacturer  
**TYM A2300T3**

Lift capacity  
**1733 kg**

PTO power  
**44.7 hp -**



1. Cruise control switch



2. Projection headlights



3. 4-port rear hydraulic valve



4. 3-range hydrostatic transmission



5. PTO switch



6. Digital instrument panel

# T574C

More power and transmission control



## Key specifications:

Engine power  
**55 hp -**

Engine manufacturer  
**TYM A2300T3**

Lift capacity  
**1733 kg**

PTO power  
**44.7 hp -**



1. Cruise control switch



2. Projection headlights



3. 4-port rear hydraulic valve



4. 3-range hydrostatic transmission



5. PTO switch



6. Digital instrument panel

# T554

Powerful and easily controllable



## Key specifications:

Engine power  
**55.9 hp -**

Engine manufacturer  
**Yanmar 4TNV86CT**

Lift capacity  
**1503 kg**

PTO power  
**45.6 hp -**



1. PTO cruise control



2. Projection head lamps



3. 2 sets of rear remote valve for various implements



4. Independent rear PTO switch



5. Foldable ROPS or all-season cab



6. Joystick control for optional front loader

# T554C

Powerful and easily controllable



## Key specifications:

Engine power  
**55.9 hp -**

Engine manufacturer  
**Yanmar 4TNV86CT**

Lift capacity  
**1503 kg**

PTO power  
**45.6 hp -**



1. PTO cruise control



2. Projection head lamps



3. 2 sets of rear remote valve for various implements



4. Independent rear PTO switch



5. Foldable ROPS or all-season cab



6. Joystick control for optional front loader



# 5835

High output for maximum productivity



## Key specifications:

Engine power  
**58 hp -**

Engine manufacturer  
**TYM A2300T1**

Lift capacity  
**2000 kg**

PTO power  
**48 hp -**



1. Hood design



2. External hitch switch



3. Ergonomic lever



4. LED work light



5. Declutch



6. Comfortable Suspension seat



# Specification Guide

MODEL	3620R	3620H	T454	T454C
<b>ENGINE</b>				
Engine manufacturer	TYM A1700N2	TYM A1700N2	Yanmar 4TNV88CR	Yanmar 4TNV88CR
Type	Natural Aspiration	Natural Aspiration	Natural Aspiration	Natural Aspiration
Engine power	35 hp   26.0 kW	35 hp   26.0 kW	46.6 hp   34.3 kW	46.6 hp   34.3 kW
PTO power	28 hp   20.8 kW	29.6 hp   22 kW	37.3 hp   27.4 kW	37.3 hp   27.4 kW
Rated engine speed	2500 rpm	2500 rpm	2800 rpm	2800 rpm
No. of cylinders	3	3	4	4
Displacement	1714 cc   104.5 cu. in.	1714 cc   104.5 cu. in.	2189 cc   133.6 cu. in.	2189 cc   133.6 cu. in.
Air cleaner	Dry Element	Dry Element	Dual Dry	Dual Dry
Alternator	12V, 50A	12V, 50A	12V, 70A	12V, 70A
Fuel system	IDI	IDI	CRDI	CRDI
<b>POWERTRAIN</b>				
Transmission type	Synchromesh	HST	Synchro-Shuttle/HST	Synchro-Shuttle/HST
No. of speeds	F16xR16 (4-Range)	F4xR4 (4-Range)	F16xR16/Infinite 4-range	F16xR16/Infinite 4-range
Max. traveling speed	25.7 kmph   16 mph	31.4 kmph   19.5 mph	29.7 kmph   18.4 mph	29.7 kmph   18.4 mph
Brakes	Wet, Multi-disc	Wet, Multi-disc	Wet Disc	Wet Disc
Steering	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Clutch	Dry Single Type	No	Dry Single Plate	Dry Single Plate
<b>CAPACITIES</b>				
Fuel tank	45 L   11.8 gal	45 L   11.8 gal	60 L   17.0 gal	60 L   17.0 gal
Coolant	5.7 L   6 qt	5.7 L   6 qt	8.5 L   9 qt	8.5 L   9 qt
Crankcase	4.2 L   4.5 qt	4.2 L   4.5 qt	6.7 L   7.1 qt	6.7 L   7.1 qt
Transmission/Hydraulics system	38.9 L   10.3 gal	42.0 L   11.1 gal	34.8 L   9.2 gal	34.8 L   9.2 gal
Front axle	1.7 L   1.8 qt	1.7 L   1.8 qt	9.9 L   10.5 qt	9.9 L   10.5 qt
<b>PTO</b>				
PTO type	Independent	Independent	Independent	Independent
PTO control	Wet, Multi-Disc	Wet, Multi-Disc	Electric/Hydro	Electric/Hydro
PTO rear	584 rpm	584 rpm	540 rpm	540 rpm
<b>HYDRAULIC SYSTEM</b>				
Pump type	Single Gear Pump	Single Gear Pump	Dual Gear Pump	Dual Gear Pump
Implement flow	16.3 l/min   4.3 gpm	16.3 l/min   4.3 gpm	35.96 l/min   9.5 gpm	35.96 l/min   9.5 gpm
Steering flow	30.3 l/min   8 gpm	30.3 l/min   8 gpm	17.3 l/min   4.57 gpm	17.3 l/min   4.57 gpm
Total flow	46.6 l/min   12.3 gpm	46.6 l/min   12.3 gpm	53.26 l/min   14.07 gpm	53.26 l/min   14.07 gpm
Category, 3-point hitch	I	I	I	I
Hitch lift capacity	1500 kg	1500 kg	1503 kg	1503 kg
Hitch lift capacity at 24 inches behind link ends	1100 kg   2425 lb	1100 kg   2425 lb	1336 kg   2945 lb	1336 kg   2945 lb
Lift control type	Position	Position	Position/Draft	Position/Draft
No. of standard remote valves	Optional (up to 4)	Optional (up to 4)	2	2
<b>DIMENSIONS &amp; WEIGHTS</b>				
Overall length with 3-point hitch	3236 mm   127.4 in.	3236 mm   127.4 in.	3590 mm   141.3 in.	3590 mm   141.3 in.
Overall width	1650 mm   64.9 in.	1650 mm   64.9 in.	1620 mm   63.8 in.	1620 mm   63.8 in.
Wheelbase	1806 mm   71.1 in.	1806 mm   71.1 in.	1935 mm   76.2 in.	1935 mm   76.2 in.
Height to top of ROPS	1200 mm   98.4 in.	1200 mm   98.4 in.	2594 mm   102.1 in.	-
Min. ground clearance	394 mm   15.5 in.	394 mm   15.5 in.	350 mm   13.8 in.	350 mm   13.8 in.
Min. turn radius with brakes	2.8 m   9.2 ft	2.8 m   9.2 ft	3352 mm   131.9 in.	3352 mm   131.9 in.
Min. turn radius without brakes	2.8 m   9.2 ft	2.8 m   9.2 ft	3820 mm   150.4 in.	3820 mm   150.4 in.
Weight with ROPS	1703 kg   3754 lb	1703 kg   3754 lb	1730 kg   3814 lb	1730 kg   3814 lb
<b>STANDARD TIRES</b>				
R1 Agricultural - Front	9.5-16	9.5-16	Farm Specialist 9.5-16 NHS TL 6PR	Farm Specialist 9.5-16 NHS TL 6PR
R1 Agricultural - Rear	12.4-28	12.4-28	Farm Specialist 14.9-24 NHS TL 6PR	Farm Specialist 14.9-24 NHS TL 6PR
R3 Turf - Front	27x8.5-15 / 29x12.5-15	27x8.5-15 / 29x12.5-15	Multi-Trac CS 27x10.50-15 NHS TL 4PR	Multi-Trac CS 27x10.50-15 NHS TL 4PR
R3 Turf - Rear	41x14-20 / 44x18-20	41x14-20 / 44x18-20	Multi-Trac CS 44x18.00-20 NHS TL 4PR	Multi-Trac CS 44x18.00-20 NHS TL 4PR
R4 Industrial - Front	10x16.5	10x16.5	Trac Chief 12-16.5 NHS TL 6PR	Trac Chief 12-16.5 NHS TL 6PR
R4 Industrial - Rear	420/70x24	420/70x24	Xtra Grip 16.9-24 NHS TL 6PR	Xtra Grip 16.9-24 NHS TL 6PR

# Specification Guide

MODEL	4820R	4820H	4820C	4820CH
<b>ENGINE</b>				
Engine manufacturer	TYM A2300N2	TYM A2300N2	TYM A2300N3	TYM A2300N3
Type	Natural Aspiration	Natural Aspiration	Natural Aspiration	Natural Aspiration
Engine power	48 hp   36 kW	48 hp   36 kW	48 hp   36 kW	48 hp   36 kW
PTO power	38.4 hp   28.6 kW	38.4 hp   28.6 kW	38.4 hp   28.6 kW	38.4 hp   28.6 kW
Rated engine speed	2600 rpm	2600 rpm	2600 rpm	2600 rpm
No. of cylinders	4	4	4	4
Displacement	2286 cc   139.5 cu. in.	2286 cc   139.5 cu. in.	2286 cc   139.5 cu. in.	2286 cc   139.5 cu. in.
Air cleaner	Dry Element	Dry Element	Dry Element	Dry Element
Alternator	12V, 50A	12V, 50A	12V, 70A	12V, 70A
Fuel system	IDI	IDI	IDI	IDI
<b>POWERTRAIN</b>				
Transmission type	Synchromesh	HST	Synchromesh	HST
No. of speeds	F16xR16 (4-Range)	F4xR4 (4-Range)	F16xR16 (4-Range)	F4xR4 (4-Range)
Max. traveling speed	25.7 kmph   16 mph	31.4 kmph   19.5 mph	25.7 kmph   16 mph	31.4 kmph   19.5 mph
Brakes	Wet, Multi-disc	Wet, Multi-disc	Wet, Multi-disc	Wet, Multi-disc
Steering	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Clutch	Dry Single Type (N/A)	Dry Single Type (N/A)	Dry Single Type (N/A)	Dry Single Type (N/A)
<b>CAPACITIES</b>				
Fuel tank	45 L   11.8 gal	45 L   11.8 gal	45 L   11.8 gal	45 L   11.8 gal
Coolant	7.8 L   8.3 qt	7.8 L   8.3 qt	7.8 L   8.3 qt	7.8 L   8.3 qt
Crankcase	4.3 L   4.5 qt	4.3 L   4.5 qt	4.2 L   4.5 qt	4.2 L   4.5 qt
Transmission/Hydraulics system	39 L   10.3 gal	42 L   11.1 gal	39 L   10.3 gal	42 L   11.1 gal
Front axle	1.7 L   1.8 qt	1.7 L   1.8 qt	1.7 L   1.8 qt	1.7 L   1.8 qt
<b>PTO</b>				
PTO type	Independent	Independent	Independent	Independent
PTO control	Wet, Multi-disc	Wet, Multi-disc	Wet, Multi-disc	Wet, Multi-disc
PTO rear	584 rpm	584 rpm	584 rpm	584 rpm
<b>HYDRAULIC SYSTEM</b>				
Pump type	Single Gear Pump	Single Gear Pump	Single Gear Pump	Single Gear Pump
Implement flow	16.6 l/min   4.4 gpm	16.6 l/min   4.4 gpm	16.6 l/min   4.4 gpm	16.6 l/min   4.4 gpm
Steering flow	37.5 l/min   9.9 gpm	37.5 l/min   9.9 gpm	37.5 l/min   9.9 gpm	35.2 l/min   9.3 gpm
Total flow	54.1 l/min   14.3 gpm	54.1 l/min   14.3 gpm	54.1 l/min   14.3 gpm	51.9 l/min   13.7 gpm
Category, 3-point hitch	I	I	I	I
Hitch lift capacity	1500 kg	1500 kg	1500 kg	1500 kg
Hitch lift capacity at 24 inches behind link ends	1100 kg   2425 lb	1100 kg   2425 lb	1100 kg   2425 lb	1100 kg   2425 lb
Lift control type	Position	Position	Position	Position
No. of standard remote valves	Optional (Up to 4)	Optional (Up to 4)	4Port	4Port
<b>DIMENSIONS &amp; WEIGHTS</b>				
Overall length with 3-point hitch	3236 mm   127.4 in.	3236 mm   127.4 in.	3236 mm   127.4 in.	3236 mm   127.4 in.
Overall width	1648.5 mm   64.9 in.	1648.5 mm   64.9 in.	1650 mm   64.9 in.	1650 mm   64.9 in.
Wheelbase	1806 mm   71.1 in.	1806 mm   71.1 in.	1806 mm   71.1 in.	1806 mm   71.1 in.
Height to top of ROPS	2500 mm   98.4 in.	2500 mm   98.4 in.	2463 mm   97 in.	2463 mm   97 in.
Min. ground clearance	393.7 mm   15.5 in.	393.7 mm   15.5 in.	394 mm   15.5 in.	394 mm   15.5 in.
Min. turn radius with brakes	2.8 m   9.2 ft	2.8 m   9.2 ft	2.8 m   9.2 ft	2.8 m   9.2 ft
Min. turn radius without brakes	2.8 m   9.2 ft	2.8 m   9.2 ft	2.8 m   9.2 ft	2.8 m   9.2 ft
Weight with ROPS	1737.7 kg   3831 lb	1737.7 kg   3831 lb	1973 kg   4349 lb	1973 kg   4349 lb
<b>STANDARD TIRES</b>				
R1 Agricultural - Front	9.5-16	9.5-16	9.5-16	9.5-16
R1 Agricultural - Rear	13.6-26	13.6-26	13.6-26	13.6-26
R3 Turf - Front	27x8.5-15 / 29x12.5-15	27x8.5-15 / 29x12.5-15	27x8.5-15 / 29x12.5-15	27x8.5-15 / 29x12.5-15
R3 Turf - Rear	41x14-20 / 44x18-20	41x14-20 / 44x18-20	41x14-20 / 44x18-20	41x14-20 / 44x18-20
R4 Industrial - Front	12-16.5	12-16.5	12-16.5	12-16.5
R4 Industrial - Rear	17.5Lx24	17.5Lx24	17.5Lx24	17.5Lx24

# Specification Guide

MODEL	T494	T494C	5520R	5520H
<b>ENGINE</b>				
Engine manufacturer	TYM A2300N2	TYM A2300N2	TYM A2300T3	TYM A2300T3
Type	Natural Aspiration	Natural Aspiration	Turbo	Turbo
Engine power	48.3 hp   36 kW	48.3 hp   36 kW	55 hp   41 kW	55 hp   41 kW
PTO power	37.2 hp   27.4 kW	37.2 hp   27.4 kW	44 hp   32.8 kW	44 hp   32.8 kW
Rated engine speed	2600 rpm	2600 rpm	2600 rpm	2600 rpm
No. of cylinders	4	4	4	4
Displacement	2286 cc   139.5 cu. in.	2286 cc   139.5 cu. in.	2286 cc   139.5 cu. in.	2286 cc   139.5 cu. in.
Air cleaner	Single Dry	Single Dry	Dry Element	Dry Element
Alternator	12V, 70A	12V, 70A	12V, 50A	12V, 50A
Fuel system	IDI	IDI	IDI	IDI
<b>POWERTRAIN</b>				
Transmission type	Synchro-Shuttle/HST	Synchro-Shuttle/HST	Synchromesh	HST
No. of speeds	F8xR8/Infinite 3-range	F8xR8/Infinite 3-range	F16xR16 (4-Range)	F4xR4 (4-Range)
Max. traveling speed	30 kmph   18.6 mph	30 kmph   18.6 mph	25.7 kmph   16 mph	31.3 kmph   19.5 mph
Brakes	Wet Disc	Wet Disc	Wet, Multi-disc	Wet, Multi-disc
Steering	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Clutch	Dry Single Plate	Dry Single Plate	Dry Single Type (N/A)	Dry Single Type (N/A)
<b>CAPACITIES</b>				
Fuel tank	60 L   17.0 gal	60 L   17.0 gal	45 L   11.8 gal	45 L   11.8 gal
Coolant	6.53 L   6.9 qt	6.53 L   6.9 qt	5.9 L   6.2 qt	5.9 L   6.2 qt
Crankcase	6.4 L   6.8 qt	6.4 L   6.8 qt	4.5 L   4.8 qt	4.5 L   4.8 qt
Transmission/Hydraulics system	34.8 L   9.2 gal	34.8 L   9.2 gal	39 L   10.3 gal	42 L   11.1 gal
Front axle	9.9 L   10.5 qt	9.9 L   10.5 qt	1.7 L   1.8 qt	1.7 L   1.8 qt
<b>PTO</b>				
PTO type	Independent	Independent	Independent	Independent
PTO control	Electric/Hydro	Electric/Hydro	Wet, Multi-disc	Wet, Multi-disc
PTO rear	540 rpm	540 rpm	584 rpm	584 rpm
<b>HYDRAULIC SYSTEM</b>				
Pump type	Dual Gear Pump	Dual Gear Pump	Single Gear Pump	Single Gear Pump
Implement flow	29 l/min   7.66 gpm	29 l/min   7.66 gpm	16.6 l/min   4.4 gpm	16.6 l/min   4.4 gpm
Steering flow	16.09 l/min   4.25 gpm	16.09 l/min   4.25 gpm	37.5 l/min   9.9 gpm	37.5 l/min   9.9 gpm
Total flow	45.08 l/min   11.91 gpm	45.08 l/min   11.91 gpm	54.1 l/min   14.3 gpm	51.9 l/min   13.7 gpm
Category, 3-point hitch	I	I	I	I
Hitch lift capacity	1733 kg	1733 kg	1500 kg	1500 kg
Hitch lift capacity at 24 inches behind link ends	1387 kg   3057 lb	1387 kg   3057 lb	1100 kg   2425 lb	1100 kg   2425 lb
Lift control type	Position/Draft	Position/Draft	Position	Position
No. of standard remote valves	2	2	Optional (Up to 4)	Optional (Up to 4)
<b>DIMENSIONS &amp; WEIGHTS</b>				
Overall length with 3-point hitch	3590 mm   141.3 in.	3590 mm   141.3 in.	3236 mm   127.4 in.	3236 mm   127.4 in.
Overall width	1620 mm   63.8 in.	1620 mm   63.8 in.	1648.5 mm   64.9 in.	1648.5 mm   64.9 in.
Wheelbase	1935 mm   76.2 in.	1935 mm   76.2 in.	1806 mm   71.1 in.	1806 mm   71.1 in.
Height to top of ROPS	2594 mm   102.1 in.	2594 mm   102.1 in.	2500 mm   98.4 in.	2500 mm   98.4 in.
Min. ground clearance	350 mm   13.8 in.	350 mm   13.8 in.	393.7 mm   15.5 in.	393.7 mm   15.5 in.
Min. turn radius with brakes	3080 mm   121.2 in.	3080 mm   121.2 in.	2.8 m   9.2 ft	2.8 m   9.2 ft
Min. turn radius without brakes	3340 mm   131.5 in.	3340 mm   131.5 in.	2.8 m   9.2 ft	2.8 m   9.2 ft
Weight with ROPS	1756 kg   3871 lb	1756 kg   3871 lb	1740 kg   3836 lb	1740 kg   3836 lb
<b>STANDARD TIRES</b>				
R1 Agricultural - Front	Farm Specialist 9.5-16 NHS TL 6PR	Farm Specialist 9.5-16 NHS TL 6PR	9.5-16	9.5-16
R1 Agricultural - Rear	Farm Specialist 14.9-24 NHS TL 6PR	Farm Specialist 14.9-24 NHS TL 6PR	13.6-26	13.6-26
R3 Turf - Front	Multi-Trac CS 27x10.50-15 NHS TL 4PR	Multi-Trac CS 27x10.50-15 NHS TL 4PR	27x8.5-15 / 29x12.5-15	27x8.5-15 / 29x12.5-15
R3 Turf - Rear	Multi-Trac CS 44x18.00-20 NHS TL 4PR	Multi-Trac CS 44x18.00-20 NHS TL 4PR	41x14-20 / 44x18-20	41x14-20 / 44x18-20
R4 Industrial - Front	Trac Chief 12-16.5 NHS TL 6PR	Trac Chief 12-16.5 NHS TL 6PR	12-16.5	12-16.5
R4 Industrial - Rear	Xtra Grip 16.9-24 NHS TL 6PR	Xtra Grip 16.9-24 NHS TL 6PR	17.5Lx24	17.5Lx24

# Specification Guide

MODEL	5520C	5520CH	T574	T574C
<b>ENGINE</b>				
Engine manufacturer	TYM A2300T11	TYM A2300T11	TYM A2300T3	TYM A2300T3
Type	Turbo	Turbo	Turbo	Turbo
Engine power	55 hp   41 kW	55 hp   41 kW	55 hp   41 kW	55 hp   41 kW
PTO power	44 hp   32.8 kW	44 hp   32.8 kW	44.7 hp   32.9 kW	44.7 hp   32.9 kW
Rated engine speed	2600 rpm	2600 rpm	2600 rpm	2600 rpm
No. of cylinders	4	4	4	4
Displacement	2286 cc   139.5 cu. in.	2286 cc   139.5 cu. in.	2286 cc   139.5 cu. in.	2286 cc   139.5 cu. in.
Air cleaner	Dry Element	Dry Element	Dual Dry	Dual Dry
Alternator	12V, 70A	12V, 70A	12V, 70A	12V, 70A
Fuel system	IDI	IDI	IDI	IDI
<b>POWERTRAIN</b>				
Transmission type	Synchromesh	HST	Sync Shuttle	Sync Shuttle
No. of speeds	F16xR16 (4-Range)	F4xR4 (4-Range)	F8xR8	F8xR8
Max. traveling speed	25.7 kmph   16 mph	31.3 kmph   19.5 mph	29.7 kmph   18.45 mph	29.7 kmph   18.45 mph
Brakes	Wet, Multi-disc	Wet, Multi-disc	Wet Disc	Wet Disc
Steering	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Clutch	Dry Single Type (N/A)	Dry Single Type (N/A)	Dry Single Plate	Dry Single Plate
<b>CAPACITIES</b>				
Fuel tank	45 L   11.8 gal	45 L   11.8 gal	60 L   17.0 gal	60 L   17.0 gal
Coolant	5.9 L   6.2 qt	5.9 L   6.2 qt	6.53 L   6.9 qt	6.53 L   6.9 qt
Crankcase	4.5 L   4.8 qt	4.5 L   4.8 qt	6.4 L   6.8 qt	6.4 L   6.8 qt
Transmission/Hydraulics system	39 L   10.3 gal	42 L   11.1 gal	34.8 L   9.2 gal	34.8 L   9.2 gal
Front axle	1.7 L   1.8 qt	1.7 L   1.8 qt	9.9 L   10.5 qt	9.9 L   10.5 qt
<b>PTO</b>				
PTO type	Independent	Independent	Independent	Independent
PTO control	Wet, Multi-disc	Wet, Multi-disc	Electric/Hydro	Electric/Hydro
PTO rear	584 rpm	584 rpm	540 rpm	540 rpm
<b>HYDRAULIC SYSTEM</b>				
Pump type	Single Gear Pump	Single Gear Pump	Dual Gear Pump	Dual Gear Pump
Implement flow	16.6 l/min   4.4 gpm	16.6 l/min   4.4 gpm	29 l/min   7.66 gpm	29 l/min   7.66 gpm
Steering flow	37.5 l/min   9.9 gpm	35.2 l/min   9.3 gpm	16.09 l/min   4.25 gpm	16.09 l/min   4.25 gpm
Total flow	54.1 l/min   14.3 gpm	51.9 l/min   13.7 gpm	45.08 l/min   11.91 gpm	45.08 l/min   11.91 gpm
Category, 3-point hitch	I	I	I	I
Hitch lift capacity	1500 kg	1500 kg	1733 kg	1733 kg
Hitch lift capacity at 24 inches behind link ends	1100 kg   2425 lb	1100 kg   2425 lb	1387 kg   3057 lb	1387 kg   3057 lb
Lift control type	Position	Position	Position/Draft	Position/Draft
No. of standard remote valves	4Port	4Port	2	2
<b>DIMENSIONS &amp; WEIGHTS</b>				
Overall length with 3-point hitch	3236 mm   127.4 in.	3236 mm   127.4 in.	3590 mm   141.3 in.	3590 mm   141.3 in.
Overall width	1650 mm   64.9 in.	1650 mm   64.9 in.	1620 mm   63.8 in.	1620 mm   63.8 in.
Wheelbase	1806 mm   71.1 in.	1806 mm   71.1 in.	1935 mm   76.2 in.	1935 mm   76.2 in.
Height to top of ROPS	2463 mm   97 in.	2463 mm   97 in.	2594 mm   102.1 in.	2594 mm   102.1 in.
Min. ground clearance	394 mm   15.5 in.	394 mm   15.5 in.	350 mm   13.8 in.	350 mm   13.8 in.
Min. turn radius with brakes	2.8 m   9.2 ft	2.8 m   9.2 ft	3080 mm   121.2 in.	3080 mm   121.2 in.
Min. turn radius without brakes	2.8 m   9.2 ft	2.8 m   9.2 ft	3340 mm   131.5 in.	3340 mm   131.5 in.
Weight with ROPS	1973 kg   4349 lb	1973 kg   4349 lb	1763 kg   3887 lb	1763 kg   3887 lb
<b>STANDARD TIRES</b>				
R1 Agricultural - Front	9.5-16	9.5-16	Farm Specialist 9.5-16 NHS TL 6PR	Farm Specialist 9.5-16 NHS TL 6PR
R1 Agricultural - Rear	13.6-26	13.6-26	Farm Specialist 14.9-24 NHS TL 6PR	Farm Specialist 14.9-24 NHS TL 6PR
R3 Turf - Front	27x8.5-15 / 29x12.5-15	27x8.5-15 / 29x12.5-15	Multi-Trac CS 27x10.50-15 NHS TL 4PR	Multi-Trac CS 27x10.50-15 NHS TL 4PR
R3 Turf - Rear	41x14-20 / 44x18-20	41x14-20 / 44x18-20	Multi-Trac CS 44x18.00-20 NHS TL 4PR	Multi-Trac CS 44x18.00-20 NHS TL 4PR
R4 Industrial - Front	12-16.5	12-16.5	Trac Chief 12-16.5 NHS TL 6PR	Trac Chief 12-16.5 NHS TL 6PR
R4 Industrial - Rear	17.5Lx24	17.5Lx24	Xtra Grip 16.9-24 NHS TL 6PR	Xtra Grip 16.9-24 NHS TL 6PR

# Specification Guide

MODEL	T554	T554C	5835
<b>ENGINE</b>			
Engine manufacturer	Yanmar 4TNV86CT	Yanmar 4TNV86CT	TYM A2300T1
Type	Turbo	Turbo	Turbo
Engine power	55.9 hp   41.1 kW	55.9 hp   41.1 kW	58 hp   42.5 kW
PTO power	45.6 hp   33.5 kW	45.6 hp   33.5 kW	48 hp   35 kW
Rated engine speed	2800 rpm	2800 rpm	2600 rpm
No. of cylinders	4	4	4
Displacement	2091 cc   127.6 cu. in.	2091 cc   127.6 cu. in.	2287 cc   139.5 cu. in.
Air cleaner	Dual Dry	Dual Dry	Dry Element
Alternator	12V, 70A	12V, 70A	12V, 70A
Fuel system	CRDI	CRDI	IDI
<b>POWERTRAIN</b>			
Transmission type	Synchro-Shuttle/HST	Synchro-Shuttle/HST	Synchromesh
No. of speeds	F16xR16/Infinite 4-range	F16xR16/Infinite 4-range	F12xR12
Max. traveling speed	29.7 kmph   18.4 mph	29.7 kmph   18.4 mph	32 kmph   19.9 mph
Brakes	Wet Disc	Wet Disc	Wet, Multi-disc
Steering	Hydrostatic	Hydrostatic	Hydrostatic
Clutch	Dry Single Plate	Dry Single Plate	Wet, Multi-disc
<b>CAPACITIES</b>			
Fuel tank	60 L   17.0 gal	60 L   17.0 gal	58 L   15.3 gal
Coolant	8.5 L   9 qt	8.5 L   9 qt	5.9 L   6.2 qt
Crankcase	6.7 L   7.1 qt	6.7 L   7.1 qt	4.5 L   4.8 qt
Transmission/Hydraulics system	34.8 L   9.2 gal	34.8 L   9.2 gal	43.9 L   11.6 gal
Front axle	9.9 L   10.5 qt	9.9 L   10.5 qt	1.6 L   1.7 qt
<b>PTO</b>			
PTO type	Independent	Independent	Independent
PTO control	Electric/Hydro	Electric/Hydro	Wet, Multi-Disc
PTO rear	540 rpm	540 rpm	584 rpm
<b>HYDRAULIC SYSTEM</b>			
Pump type	Dual Gear Pump	Dual Gear Pump	Single Gear Pump
Implement flow	35.96 l/min   9.5 gpm	35.96 l/min   9.5 gpm	34.8 l/min   9.2 gpm
Steering flow	17.3 l/min   4.57 gpm	17.3 l/min   4.57 gpm	15.5 l/min   4.1 gpm
Total flow	53.26 l/min   14.07 gpm	53.26 l/min   14.07 gpm	50.3 l/min   13.3 gpm
Category, 3-point hitch	I	I	II
Hitch lift capacity	1503 kg	1503 kg	2000 kg
Hitch lift capacity at 24 inches behind link ends	1336 kg   2945 lb	1336 kg   2945 lb	1395 kg   3075 lb
Lift control type	Position/Draft	Position/Draft	Electronic
No. of standard remote valves	2	2	4 Port
<b>DIMENSIONS &amp; WEIGHTS</b>			
Overall length with 3-point hitch	3590 mm   141.3 in.	3590 mm   141.3 in.	3505 mm   137.9 in.
Overall width	1620 mm   63.8 in.	1620 mm   63.8 in.	1750 mm   68.9 in.
Wheelbase	1935 mm   76.2 in.	1935 mm   76.2 in.	2005 mm   78.9 in.
Height to top of ROPS	2594 mm   102.1 in.	-	2611 mm   102.8 in.
Min. ground clearance	350 mm   13.8 in.	350 mm   13.8 in.	460 mm   18.1 in.
Min. turn radius with brakes	3352 mm   131.9 in.	3352 mm   131.9 in.	2.7 m   8.9 ft
Min. turn radius without brakes	3820 mm   150.4 in.	3820 mm   150.4 in.	-
Weight with ROPS	1730 kg   3814 lb	1730 kg   3814 lb	1950 kg   4299 lb
<b>STANDARD TIRES</b>			
R1 Agricultural - Front	Farm Specialist 9.5-16 NHS TL 6PR	Farm Specialist 9.5-16 NHS TL 6PR	9.5-20
R1 Agricultural - Rear	Farm Specialist 14.9-24 NHS TL 6PR	Farm Specialist 14.9-24 NHS TL 6PR	14.9-28
R3 Turf - Front	Multi-Trac CS 27x10.50-15 NHS TL 4PR	Multi-Trac CS 27x10.50-15 NHS TL 4PR	-
R3 Turf - Rear	Multi-Trac CS 44x18.00-20 NHS TL 4PR	Multi-Trac CS 44x18.00-20 NHS TL 4PR	-
R4 Industrial - Front	Trac Chief 12-16.5 NHS TL 6PR	Trac Chief 12-16.5 NHS TL 6PR	10.5/80-18
R4 Industrial - Rear	Xtra Grip 16.9-24 NHS TL 6PR	Xtra Grip 16.9-24 NHS TL 6PR	16.9-24



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