

# T355

Compact, Series 3  
34.2 hp



# A powerful compact tractor that helps you push the limits

Tackle challenges in tight spaces with the T355. Compact but durable and expertly engineered for efficiency, this tractor excels in greenhouses, orchards, and other confined areas where space is limited but power can't be compromised.



1. Optional loader with high lift capacity



3. Dual filter air cleaner



2. PTO on/off switch



4. Cruise control



5. Foldable ROPS



6. Joystick control for front loader



### 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 stabilizes temperature more effectively while the tractor is running. The engine is also Stage V certified, for noise emission standards.



### Dual filter air cleaner for engine longevity

An additional filter protects the tractor's engine from harmful particles, drastically extending the engine life.



### Cast iron components for sturdier connections

For enhanced durability under heavier loads, the rear of this tractor features robust cast-iron components to connect attachments. The material improves hydraulic efficiency and extends component lifecycles.



### 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.



### 3-point hitch with powerful lift capacity

The 3-point linkage on the rear has an impressive lift capacity that reaches the end ball 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.



### HST for infinitely variable drive speed

Responsive hydrostatic controls offers a smooth ride for operators, from the forward and reverse pedal to the powered steering wheel. These controls reduce the need for operator effort during a range of tasks, particularly while operating the optional front-end loader.

# Technical specifications

ENGINE	
Engine manufacturer	Yanmar 3TNV88C-K
Type	Natural aspiration
Gross engine power	34.2 hp   25.5 kW
PTO power	Mechanical: 29.5hp   22.1 kW HST: 28hp   21 kW
Rated engine speed	2800 rpm
No. of cylinders	3
Displacement	1642 cc   100.2 cu. in.
Air cleaner	Dual dry
Alternator	12V, 55A
Fuel system	CRDI
POWERTRAIN	
Transmission type	Synchro-shuttle / HST
No. of speeds	SS: F12 x R12 HST: 3-range
Max. traveling speed	Mechanical: 22.6 km/h   14 mph HST: 27 km/h   16.8 mph
Brakes	Wet disc
Steering	Hydrostatic
Clutch	Dry single plate
CAPACITIES	
Fuel tank	34 L   9.0 gal
Coolant	7 L   7.4 qt
Crankcase	5.7 L   6 qt
Transmission/Hydraulics system	32.2 L   8.5 gal
Front axle	8.2 L   8.7 qt

PTO	
PTO type	Independent
PTO control	Electric/Hydro
PTO rear	540 rpm
HYDRAULIC SYSTEM	
Pump type	Dual gear pump
Implement flow	21.6 L/min   5.7 gpm
Steering flow	15.6 L/min   4.1 gpm
Total flow	37.2 L/min   9.8 gpm
Category, 3-point hitch	I
Hitch lift capacity	1197 kg   2639 lb
Hitch lift capacity at 24 inches behind link ends	707 kg   1558 lb
Lift control type	Position
No. of standard remote valves	4-4
DIMENSIONS & WEIGHTS	
Overall length with 3-point hitch	ROPS Mechanical: 3310 mm   130.3 in. HST: 3290 mm   129.5 in. Cab Mechanical: 3360 mm   132.3 in. HST: 3340 mm   131.5 in.
Overall width	1715 mm   67.5 in.
Wheelbase	ROPS Mechanical: 1640 mm   64.6 in. HST: 1680 mm   64.1 in. Cab Mechanical: 1700 mm   66.9 in. HST: 1680 mm   64.1 in.
Height to top of ROPS	2430 mm   95.7 in.
Height to top of cabin	2350 mm   92.5 in.
Min. ground clearance	270 mm   10.6 in.
Min. turn radius with brakes	2400 mm   94.4 in.
Min. turn radius without brakes	2950 mm   116 in.
Weight with ROPS	1494 kg   3293.7 lb
Weight with cab	1650 kg   3637.6 lb

STANDARD TIRES	
R1 Agricultural - Front	8.0-16 4PR
R1 Agricultural - Rear	12.4-24 6PR
R3 Turf - Front	27x10.50-15 4PR
R3 Turf - Rear	41x14.00-20 4PR
R4 Industrial - Front	27x10.5-15 8PR
R4 Industrial - Rear	12.5-20 10PR



# TX35H Front-End Loader

## Attachments

The TX35H front-end loader takes advantage of the power and durability of compatible TYM compact tractors. Ideal for tasks that require more strength, these front-end loaders can help you get your tasks done more efficiently.



CAPACITIES & REACH	
Lift height	2566 mm   101 in.
Max. lift height under level bucket	2319 mm   91.3 in.
Clearance with bucket dumped	1820 mm   71.7 in.
Reach at maximum lift height	630 mm   24.8 in.
Max. dump angle	50°
Reach with bucket on ground	1841 mm   72.5 in.
Max. rollback angle	35°
Digging depth	111 mm   4.4 in.
Lift capacity at pivot point (max. height)	1014 kgf   2235 lb
Breakout force at ground level, pivot pins	1423 kgf   3137 lb
Bucket rollback force at ground line	1294 kgf   2853 lb
Bucket capacity	0.28 cu. m   9.9 cu. ft
Relief valve setting (loader control valve)	165 kg/sq. cm   2347 psi
Compatible bucket sizes	66" Front-end loader bucket

DIMENSIONS & WEIGHTS	
Overall height in carry position	1370 mm   53.9 in.
Depth of Attachment (to the back of the inner shell)	491 mm   19.4 in.
Height of Attachment	556 mm   21.9 in.
Length of Attachment (to pivot pin)	650 mm   25.6 in.
Weight of boom & quick attach mechanism (1)	245 kg   540 lb
Weight of mounting frame (2)	120 kg   265 lb
Weight of bucket (3)	96 kg   212 lb
Loader total weight (1+2+3)	461 kg   1016 lb
Lift cylinder	50 × 30 mm   1.8 × 1.2 in.
Bucket cylinder	55 × 30 mm   2.2 × 1.2 in.
Attachment used for specification	1675 mm   66 in.
CYCLE TIMES	
Boom raising time	5.5 sec
Boom lowering time	3.5 sec
Bucket rollback time	3.7 sec
Bucket dumping time	5.3 sec
COMPATIBLE BUCKET SIZES	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
66" Front-End Loader bucket	

# BY75 Backhoe

## Attachments

The BY75 complements the power and strength of the Series 2 compact tractors, enhancing performance and versatility without compromising safety.

Digging depth	2317 mm   91.2 in.
Loading height	2286 mm   90 in.
Backhoe reach	3140 mm   123.6 in.

PERFORMANCE	
Digging depth	2317 mm   91.2 in.
Loading height	2286 mm   90 in.
Max. leveling angle	10°
Angle of departure	21°
CAPACITIES & REACH	
Backhoe reach	3140 mm   123.6 in.
Swing angle	180°
Bucket rotation	149°
Stabilizer spread (lowered position)	2256 mm   88.8 in.
Stabilizer spread (raised position)	1737 mm   68.4 in.



DIMENSIONS & WEIGHTS	
Transport overhang	1189 mm   46.8 in.
Transport height (max.)	2164 mm   85.2 in.
Compatible bucket sizes	9" backhoe bucket
Compatible bucket sizes	12" backhoe bucket
Compatible bucket sizes	16" backhoe bucket
Compatible bucket sizes	18" backhoe bucket
Compatible bucket sizes	24" backhoe bucket
COMPATIBLE BUCKET SIZES	
TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.	
Large_09	Large_12
Large_16	Large_18
Large_24	

# Upgrades for the Series 3, T355

Complement the capabilities of your TYM tractor with compatible accessories and options.

## Accessories

Front counterweights



## Options

Tire	R1 Agricultural Tires	F 8.0 - 16	R 12.4-24
Tire	R4 Industrial Tires	F 27x10 - 15	R 12.5-20





# 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.

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