

# T475

Compact, Series 2  
48.3 hp

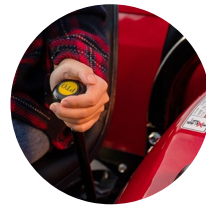


# Packed with features to help accomplish your goals

Take on harder tasks in smaller spaces with the T475, proven to be durable and engineered to be efficient. This tractor is a workhorse that is easy to control in greenhouses, orchards, and more.



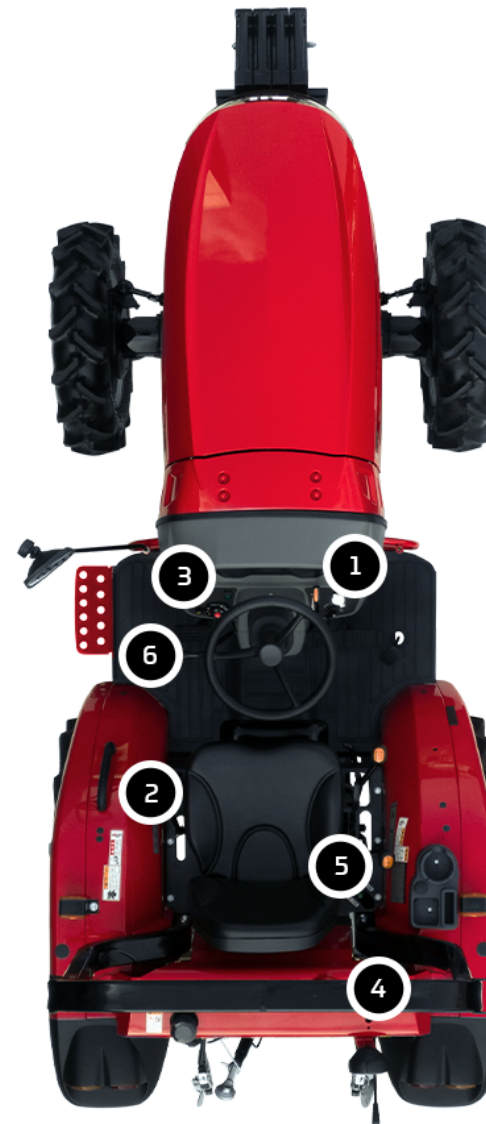
1. Auto throttle



2. Auto PTO lever



3. Cruise control



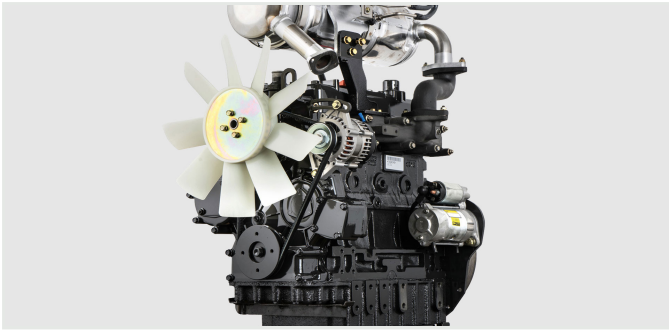
4. Foldable ROPS or all-season cab



5. Single rear implement control



6. Shuttle transmission



#### 4-cylinder TYM diesel engine with high output

Equipped with a powerful, Tier-4 certified 4-cylinder engine, this tractor has an output comparable to utility tractors while maintaining the dimensions of a sub-compact tractor. The durable body and efficient engine come together to perform medium-duty applications efficiently and productively.



#### External lever to adjust rear implements

In addition to the in-cabin controls, this tractor has an external position lever near the 3-point hitch. This allows operators to adjust an implement position as soon as it is connected, without needing to go to the cabin. This enables quick and convenient switching between implements, enhancing tractor versatility.



#### 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.



#### 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.



#### High capacity fuel tank to support time intensive work

The high capacity fuel tank allows drivers to take on jobs for longer periods without stopping for fuel. This is in addition to the engine, which promotes fuel-efficient operation and increases the time before a refuel.

# Technical specifications

## ENGINE

|                     |                         |
|---------------------|-------------------------|
| Engine manufacturer | TYM A2300N4             |
| Type                | Natural Aspiration      |
| Gross engine power  | 48.3 hp                 |
| PTO power           | 35.4 hp   26.4 kW       |
| Rated engine speed  | 2600 rpm                |
| No. of cylinders    | 4                       |
| Displacement        | 139.5 cu. in.   2286 cc |
| Air cleaner         | Dual Dry                |
| Alternator          | 12V, 70A                |
| Fuel system         | IDI                     |

## POWERTRAIN

|                      |                          |
|----------------------|--------------------------|
| Transmission type    | Mechanical               |
| No. of speeds        | F12xR12/Infinite 3-range |
| Max. traveling speed | 14.9 mph   24 kmph       |
| Brakes               | Wet Disc                 |
| Steering             | Hydrostatic              |
| Clutch               | Dry Single Plate         |

## CAPACITIES

|                                |                  |
|--------------------------------|------------------|
| Fuel tank                      | 9.0 gal   34 L   |
| Coolant                        | 6.9 qt   6.53 L  |
| Crankcase                      | 6.8 qt   6.4 L   |
| Transmission/Hydraulics system | 8.5 gal   32.2 L |
| Front axle                     | 2.2 qt   2.05 L  |

## PTO

|             |                |
|-------------|----------------|
| PTO type    | Independent    |
| PTO control | Electric/Hydro |
| PTO rear    | 540 rpm        |

## HYDRAULIC SYSTEM

|   |                         |
|---|-------------------------|
| Pump type   | Dual Gear Pump          |
| Implement flow                                    | 7.66 gpm   29 l/min     |
| Steering flow                                     | 4.25 gpm   16.09 l/min  |
| Total flow  | 11.91 gpm   45.08 l/min |
| Category, 3-point hitch                           | I                       |
| Hitch lift capacity                               | 2645.5 lb   1200 kg     |
| Hitch lift capacity at 24 inches behind link ends | 1763.7 lb   800 kg      |
| Lift control type                                 | Position                |
| No. of standard remote valves                     | 1                       |

## DIMENSIONS & WEIGHTS

|                                   |  |
|-----------------------------------|--|
| Overall length with 3-point hitch | ROPS: 3320 mm (130.7 in.)   Cab: 3370 mm (132.7 in.) |
| Overall width                     | ROPS: 1385 mm (54.5 in.)   Cab: 1500 mm (59.1 in.)   |
| Wheelbase                         | SS: 1770 mm (69.7 in.)   HST: 1750 mm (68.9 in.)     |
| Height to top of ROPS             | ROPS: 3320 mm (130.7 in.)   Cab: 3370 mm (132.7 in.) |
| Min. ground clearance             | 12.8 in.   325 mm                                    |
| Min. turn radius with brakes      | ROPS: 2710 mm (106.7 in.)   Cab: 2680 mm (105.5 in.) |
| Min. turn radius without brakes   | ROPS: 2985 mm (117.5 in.)   Cab: 2950 mm (116.1 in.) |
| Weight with ROPS                  | 3289 lb   1492 kg                                    |
| Weight with cab                   | 3607 lb   1636 kg                                    |

## STANDARD TIRES

|                         |            |
|-------------------------|------------|
| R1 Agricultural - Front | 8.0-16     |
| R1 Agricultural - Rear  | 12.4-24    |
| R4 Industrial - Front   | 27x10.5-15 |
| R4 Industrial - Rear    | 12.5x20    |

# TX47 Front-End Loader

## Attachments

The TX47 front-end loader takes advantage of the power and durability of TYM compact tractors. Ideal for tasks that require more strength, the TX47 front-end loader can help you get your tasks done more efficiently.



|                 |                         |
|-----------------|-------------------------|
| Lift height     | 105.6 in. / 2683 mm     |
| Lift capacity   | 2152 lb / 976.2 kgf     |
| Bucket capacity | 9.9 cu. ft / 0.28 cu. m |

| CAPACITIES & REACH                           |                          |
|--|--------------------------|
| Lift height                                  | 105.6 in.   2683 mm      |
| Max. lift height under level bucket          | 96.5 in.   2450 mm       |
| Clearance with bucket dumped                 | 80.4 in.   2042 mm       |
| Reach at maximum lift height                 | 15 in.   380 mm          |
| Max. dump angle                              | 52°                      |
| Reach with bucket on ground                  | 70.7 in.   1795 mm       |
| Max. rollback angle                          | 35°                      |
| Digging depth                                | 10 in.   255 mm          |
| Lift capacity                                | 2152 lb   976.2 kgf      |
| Breakout force at ground level, pivot points | 3198 lb   1450.8 kgf     |
| Bucket rollback force at ground line         | 3012 lb   1366.1 kgf     |
| Bucket capacity                              | 9.9 cu. ft   0.28 cu. m  |
| Self leveling                                | NA                       |
| Relief valve setting (Loader control valve)  | 2347 psi   165 kg/sq. cm |

| DIMENSIONS & WEIGHTS                                 |                        |
|--|------------------------|
| Overall height in carry position                     | 55.5 in.   1409 mm     |
| Depth of Attachment (to the back of the inner shell) | 19.4 in.   492 mm      |
| Height of Attachment                                 | 21.9 in.   556 mm      |
| Length of Attachment (to pivot point)                | 25.5 in.   647 mm      |
| Weight of boom & quick attach mechanism (1)          | 513.7 lb   233 kg      |
| Weight of mounting frame (2)                         | 277.8 lb   126 kg      |
| Weight of bucket (3)                                 | 229.3 lb   104 kg      |
| Loader total weight (1+2+3)                          | 1020.7 lb   463 kg     |
| Lift cylinder  | 2.2x1.2 in.   55x30 mm |
| Bucket cylinder                                      | 2.0x1.2 in.   50x30 mm |
| Attachment used for specification                    | 65.9 in.   1675 mm     |

| CYCLE TIMES          |         |
|----------------------|---------|
| Boom raising time    | 5.4 sec |
| Boom lowering time   | 3.8 sec |
| Bucket rollback time | 2.5 sec |
| Bucket dumping time  | 4.0 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  | 91.2 in. / 2317 mm  |
| Loading height | 90 in. / 2286 mm    |
| Backhoe reach  | 123.6 in. / 3140 mm |



| CAPACITIES & REACH                   |                     |
|--------------------------------------|---------------------|
| Backhoe reach                        | 123.6 in.   3140 mm |
| Swing angle                          | 180°                |
| Bucket rotation                      | 149°                |
| Stabilizer spread (lowered position) | 88.8 in.   2256 mm  |
| Stabilizer spread (raised position)  | 68.4 in.   1737 mm  |

| PERFORMANCE         |                    |
|---------------------|--------------------|
| Digging depth       | 91.2 in.   2317 mm |
| Loading height      | 90 in.   2286 mm   |
| Max. leveling angle | 10°                |
| Angle of departure  | 21°                |

| DIMENSIONS & WEIGHTS    |                    |
|-------------------------|--------------------|
| Transport overhang      | 46.8 in.   1189 mm |
| Transport height (max.) | 85.2 in.   2164 mm |

**COMPATIBLE BUCKET SIZES**

TYM's multi-purpose buckets are capable of bulldozing, scraping, loading, metering, moving, and clamping material.

|                    |                    |
|--------------------|--------------------|
| 9" backhoe bucket  | 12" backhoe bucket |
| 16" backhoe bucket | 18" backhoe bucket |
| 24" backhoe bucket |                    |

# Upgrades for the Series 2, T475

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 27x10.50 - 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.

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