

Specifications

| Model | T394 Gear | T394HST | T474 Gear | T474 HST |
|------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| Engine | | | | |
| Model | Yanmar 3TNV88-CR | Yanmar 3TNV88-CR | Kukje A2300N4 | Kukje A2300N4 |
| Type | 3-Cyl, Natural Aspiration | 3-Cyl, Natural Aspiration | 4-Cyl, Natural Aspiration | 4-Cyl, Natural Aspiration |
| Gross Power | 36.9 HP / 27.5 kW | 36.9 HP / 27.5 kW | 48.3 HP / 36.0 kW | 48.3 HP / 36.0 kW |
| RPM @ Rated Power | 3,000 | 3,000 | 2,600 | 2,600 |
| Rated PTO Power | 28.2 HP / 21.0 kW | 27.5 HP / 20.5 kW | 35.4 HP / 26.4 kW | 31.8 HP / 23.7 kW |
| Displacement | 100.2 in³ / 1,642 cc | 100.2 in³ / 1,642 cc | 139.5 in³ / 2,286 cc | 139.5 in³ / 2,286 cc |
| Air Cleaner | Dual Dry | Dual Dry | Dual Dry | Dual Dry |
| Alternator | 12V, 70A | 12V, 70A | 12V, 70A | 12V, 70A |
| Fuel System | Common Rail | Common Rail | Indirect Injection | Indirect Injection |
| Powertrain | | | | |
| Transmission | 12x12 Shuttle Shift | 3-Range HST | 12x12 Shuttle Shift | 3-Range HST |
| Max Speed, mph | 15.0 mph / 24.1 km/h | 16.8 mph / 27.0 km/h | 14.4 mph / 23.1 km/h | 18.4 mph / 29.7 km/h |
| Brakes | Wet Disc | Wet Disc | Wet Disc | Wet Disc |
| Steering | Hydrostatic | Hydrostatic | Hydrostatic | Hydrostatic |
| Clutch | Dry Single Plate | N/A | Dry Single Plate | N/A |
| Hydraulic | | | | |
| Pump Type | Dual Gear Pump | Dual Gear Pump | Dual Gear Pump | Dual Gear Pump |
| Implement Flow | 6.1 gpm / 23.1 L/m | 6.1 gpm / 23.1 L/m | 7.7 gpm / 29.1 L/m | 7.7 gpm / 29.1 L/m |
| Steering Flow | 4.4 gpm / 16.7 L/m | 4.4 gpm / 16.7 L/m | 4.3 gpm / 16.1 L/m | 4.3 gpm / 16.1 L/m |
| Total Flow | 10.5 gpm / 39.8 L/m | 10.5 gpm / 39.8 L/m | 11.9 gpm / 45.1 L/m | 11.9 gpm / 45.1 L/m |
| Hitch Type | Category I | Category I | Category I | Category I |
| Lift Capacity @ End | 2,639 lb / 1,197 kg | 2,639 lb / 1,197 kg | 2,646 lb / 1,200 kg | 2,646 lb / 1,200 kg |
| Lift Capacity @ 24in | 1,558 lb / 707 kg | 1,558 lb / 707 kg | 1,764 lb / 800 kg | 1,764 lb / 800 kg |
| Lift Control Type | Position | Position | Position w/ External Lever | Position w/ External Lever |
| Remote Valves | 2 Optional | 2 Optional | 1 Standard + 1 Optional | 1 Standard + 1 Optional |
| PTO | | | | |
| Type | Independent | Independent | Independent | Independent |
| Control | Electric/Hydro | Electric/Hydro | Electric/Hydro | Electric/Hydro |
| Speed | 540 RPM | 540 RPM | 540 RPM | 540 RPM |
| Capacities | | | | |
| Fuel Tank | 9.0 gal / 34.1 L | 9.0 gal / 34.1 L | 9.0 gal / 34.1 L | 9.0 gal / 34.1 L |
| Coolant | 7.4 qt / 7.0 L | 7.4 qt / 7.0 L | 6.9 qt / 6.5 L | 6.9 qt / 6.5 L |
| Crank Case | 6.0 qt / 5.7 L | 6.0 qt / 5.7 L | 6.8 qt / 6.4 L | 6.8 qt / 6.4 L |
| Trans/Hyd Sys | 8.5 gal / 32.2 L | 9.3 gal / 35.0 L | 8.5 gal / 32.2 L | 9.3 gal / 35.0 L |
| Front Axle | 8.7 qt / 8.2 L | 8.7 qt / 8.2 L | 8.7 qt / 8.2 L | 8.7 qt / 8.2 L |
| Dimensions | | | | |
| Length w/ 3PH, ROPS | 126 in / 3,200 mm | 126 in / 3,200 mm | 131 in / 3,320 mm | 131 in / 3,320 mm |
| Length w/ 3PH, Cabin | 128 in / 3,250 mm | 128 in / 3,250 mm | 133 in / 3,370 mm | 133 in / 3,370 mm |
| Width, ROPS | 53.5 in / 1,360 mm | 53.5 in / 1,360 mm | 54.5 in / 1,385 mm | 54.5 in / 1,385 mm |
| Width, Cabin | 59.0 in / 1,475 mm | 59.0 in / 1,475 mm | 59.0 in / 1,500 mm | 59.0 in / 1,500 mm |
| Wheelbase | 34.5 in / 1,640 mm | 66.1 in / 1,680 mm | 69.7 in / 1,770 mm | 68.9 in / 1,750 mm |
| Height to ROPS | 94.5 in / 2,400 mm | 94.5 in / 2,400 mm | 94.5 in / 2,400 mm | 94.5 in / 2,400 mm |
| Height to Cabin Roof | 92.5 in / 2,350 mm | 92.5 in / 2,350 mm | 92.5 in / 2,350 mm | 92.5 in / 2,350 mm |
| Ground Clearance | 12.8 in / 325 mm | 12.8 in / 325 mm | 12.8 in / 325 mm | 12.8 in / 325 mm |
| Turn Radius w/o Brakes | 116 in / 2,950 mm | 116 in / 2,950 mm | 117.5 in / 2,985 mm | 117.5 in / 2,985 mm |
| Turn Radius w/ Brakes | 94.4 in / 2,400 mm | 94.4 in / 2,400 mm | 106.7 in / 2,710 mm | 106.7 in / 2,710 mm |
| Weight w/ROPS | 3,020 lbs / 1,370 kg | 3,020 lbs / 1,370 kg | 3,289 lbs / 1,492 kg | 3,333 lbs / 1,512 kg |
| Weight w/Cab | 3,417 lbs / 1,550 kg | 3,417 lbs / 1,550 kg | 3,607 lbs / 1,636 kg | 3,660 lbs / 1,660 kg |

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your world

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2021 Catalog

Standard
Compact

T394, T474

Expect to do more

When you get behind the wheel of a compact utility tractor, you should expect it to do big things. The biggest asset for a tractor is how much it weighs. That’s why even the small frame compact tractors bring the weight. We’ve beefed up the axles and used steel and cast metal for the chassis instead of aluminum so that your tractor is more effective in lifting and pulling. Even better, these improvements make TYM compact utility tractors more durable, giving you years of performance.

Standard Features



12x12 synchronized shuttle or three-range hydrostatic (HST) transmission with automatic throttle

The HST with autothrottle is ideal for front-end loader work, making the tractor more responsive for quick forward and reverse movements. The T394 has a selectable autothrottle, while the T474 autothrottle is always active. For those who prefer a standard transmission, the synchronized shuttle provides ease of use and control.



Selectable 4WD operation

Front wheels can be engaged for additional traction in difficult terrain. This also increases the weight of the front end with the larger axle, which improves stability when using rear implements and attachments.



Foldable ROPS or all-season cabin

If you need to work or store your tractor in areas with a low clearance, the ROPS can be folded to reduce the effective height of the tractor. At other times, the ROPS can be left up to provide maximum protection. The all-season cabin provides heat and A/C, with a Bluetooth media receiver for radio or your compatible electronic device.



Quick-attach loader mount*

If you need to remove the front-end loader for routine maintenance or specific applications, removing the loader is as easy as removing two pins, lifting the loader uprights off their cradles, and disconnecting the hoses. Reverse the process and you’re ready to work again. No need for complicated systems that have an increased chance of malfunction or breakage.



Category I three-point hitch

All TYM compact utility tractors are equipped with a Category I hitch and standard 540 RPM PTO shaft. In addition, the T474 comes with telescoping stabilizers, extendible link ends, and external position control lever for ease in attaching implements. Extendable link ends are an available option for the T394.



Accessible grease points

Tractors have a lot of moving parts, from the front axle to the back. The joints that allow this movement can wear down if not properly maintained. To ensure the life of your tractor, TYM has grease points at critical joints to allow for proper lubrication.

*When equipped with front-end loader.

Meet the models



T394—36.9 gross hp

The T394 provides a more economical choice without sacrificing key performance. The Yanmar 3-cylinder engine provides maxium efficiency, with the digital autothrottle control allowing flexibility on a hydrostatic transmission in applications when maintaining a constant PTO speed may be critical.



T474—48.3 gross hp

The T474 provides a premium operator experience, with an upgraded seat and operator area. The T474 also has enhancements on the three-point hitch to make it easier to attach implements. HST models come with cruise control. The 48hp 4-cylinder Kukje engine provides outstanding performance, but is easy to maintain with mechanical gear pumps.

Options

TYM compact tractors are available with options that increase productivity and enable the tractor to function in harsh environments.

- Engine block heater
- Rear remotes (up to 2 sets; one set standard on T474)
- 3rd function kit
- Mid-PTO kit (HST models)
- 7-pin trailer socket
- Cruise control (HST; std on T474)
- Extendable lower links (std on T474)

Contact your local TYM dealer for more information on options, including limitations on option compatibility.



Attachments

TYM compact tractors are available with various attachments to increase the tractor’s productivity. TYM manufactures front-end loaders and backhoes to fit each model. Consult your local TYM dealer for more information and for compatibility questions. In addition, your local TYM dealer may have additional attachments and accessories to fit your needs and intended use cases.

Front-End Loader

The workhorse of tractor attachments, the front-end loader with bucket makes many common tractor chores possible. TYM front-end loaders are matched to the capability of the tractor. Ballasting may be recommended for certain applications.



| | TX39H (T394) | TX47 (T474) |
|---|---------------------|------------------|
| Max Lift Height (in) | 102.3 | 105.6 |
| Clearance w/ Bucket Dumped (in) | 77.4 | 80.4 |
| Reach at Max Lift Height (in) | 23.2 | 165 |
| Max Dump Angle | 40° | 45° |
| Max Rollback Angle | 30° | 38° |
| Digging Depth (in) | 4.4 | 6.9 |
| Overall Height in Carry Position (in) | 55.6 | 46.7 |
| Lift Capacity to Max Height at Pivot Pin (lbs) | 2,116 | 2,152 |
| Breakout Force at Ground Level, Pivot Pin (lbs) | 3,435 | 3,198 |
| Loader Total Weight (lbs) | 1,052 | 1,021 |
| Standard Bucket | 66" Quick Attach | 66" Quick Attach |
| Joystick Mounting | Tractor | Tractor |
| 3rd Function | Opt, flexible lines | Opt, metal lines |

Backhoe

Whether you’re digging a hole, digging a ditch or just digging deep, a rear-mounted backhoe lets you tackle dirt-intensive projects efficiently. TYM’s backhoes are available with optional mechanical thumb kits and street pads.



| | BY75 |
|--|-----------------------|
| Digging Depth, 2ft Flat Bottom (in) | 91.2 |
| Reach from Center Line of Swing Pivot (in) | 123.6 |
| Loading Height—Bucket at 60° | 90 |
| Swing Arc | 180° |
| Transport Max Height (in) | 85.2 |
| Bucket Rotation | 149° |
| Standard Bucket (in) | 16 |
| Available Bucket Sizes (in) | 9, 12, 16, 18, 24, 36 |
| Stabilizer Spread, Down Position (in) | 88.8 |
| Stabilizer Spread, Up Position (in) | 68.4 |
| Bucket Cylinder Digging Force (lbs) | 4,554 |
| Shipping Weight without Bucket (lbs) | 1,340 |
| Backhoe Seat Type | Dual seat |