



T115

Series 5, Utility Tractor
111 hp

T115

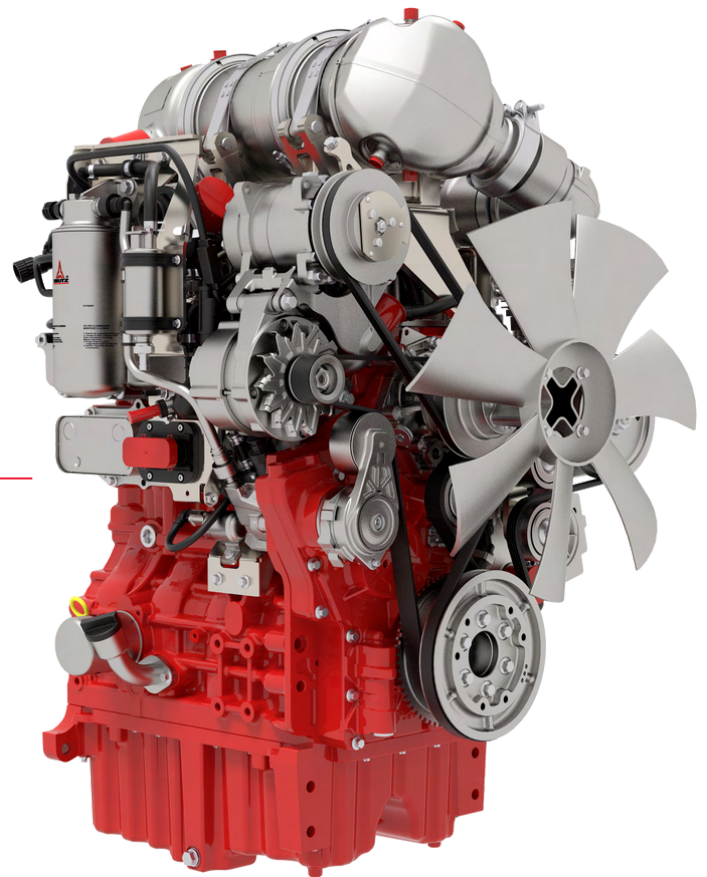
Introducing the T115 - your ultimate power source, boasting a 111 horsepower DEUTZ engine. It redefines standards with premium features, offering higher capacity for peak performance with minimal fuel consumption, low-maintenance technology for uninterrupted production, and eco-friendly emissions.

The T115 tractor is a powerful agricultural machine designed to meet the demands of modern farming. It features higher lift capacity, updated hydraulic top link, telematics, and smart key technology.

The TCD 3.6 L4, DEUTZ Common Rail Engine with Bosch's advanced electronic hydraulic control system, excels in high-intensity tasks. Perfect for farming and livestock management, it features an automatic PTO with rotation and elevation functions to maintain stability and ensure a smooth ride. This engine delivers exceptional power and torque at lower RPMs, promoting durability and productivity over a longer lifespan.

With 500-hour oil change intervals and a maintenance-free valve train, maintenance costs stay low, and machine uptime remains high.

Powerful, productive DEUTZ engine



- Newly-designed, water-cooled 4-cylinder inline engine with wastegate turbo charging, cooled external exhaust gas return and charge-air cooling.
- The powerful DEUTZ Common Rail injection system and the electronic engine control (EMR4) with intelligent link to the drive management ensure optimum engine performance at low fuel consumption.
- Use of DVERT[®] oxidation catalytic converter (DOC) and selective catalytic reduction (SCR) enables maintenance-free operation under all application and ambient conditions.
- Best cold starting performance even under extreme conditions.
- The engine meets the Stage V exhaust emission requirements.

Transmission

The power shuttle transmission is a feature that allows for quick and convenient direction changes without using the clutch. Here's a brief overview of how it works:

Clutchless Direction Changes

The key feature of a power shuttle transmission is the ability to change directions (from forward to reverse and vice versa) without using the clutch. This is particularly useful for tasks like loader work or when frequently switching between forward and reverse while maneuvering in tight spaces.

Modulated Forward/Reverse Clutch

Inside the power shuttle transmission, there is a hydraulic clutch pack that engages and disengages to switch between forward and reverse. This clutch is adjustable for its sensitivity to match operator needs and comfort.

Forward and Reverse Gears

4 ranges of creep, low, medium, and high with 4 speeds of high and low. This gives you 32 forward and 32 reverse gears.

Smooth and Efficient Operation

The power shuttle system provides smooth and efficient direction changes, making it easier for the operator to work quickly and precisely, eliminating the need to use the foot clutch to stop and reverse.

Shuttle Lever



The shuttle lever on TYM tractors provides operators with precise control for quick and seamless directional changes needed for loader work, mowing, plowing, and more.

GROUND SPEEDS (KMH) @ RATED ENGINE RPM																
Gear	C				L				M				H			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Power Shift Hi	0.48	0.64	0.90	1.16	1.45	1.93	2.71	3.53	4.30	5.75	8.07	10.5	14.6	19.5	27.4	35.6
Power Shift Lo	0.40	0.54	0.75	0.98	1.21	1.62	2.28	2.96	3.61	4.83	6.78	8.8	12.3	16.4	23.0	29.9

Front Axle

The front axle of the T115 excels in tough conditions, offering robust load-bearing and long-lasting inboard planetary gear design. The rugged front axle features a generous 50 degree steering angle and optimized geometry for precise control, maneuverability, and reduced tire wear.

The push-pull dual action steering cylinder ensures precise turns, eliminating the need for a drag link (built to last!).



Planetary Final Drive - Front and Rear:

Durability

Planetary gear sets are robust and capable of handling high torque loads, which is essential for heavy-duty vehicles and off-road applications.

Automatic Engagement of Front Axle

The front axle automatically disengages when the steering angle exceeds 20 degrees. At highway speeds above 16.1 KMH it also disengages. If operator prefers manual engagement, it can be done by the flip of a switch.

Smooth and Efficient Power Transfer

They provide smooth and efficient power transfer from the transmission to the wheels, contributing to overall drivetrain efficiency.

Premium Cab features

Introducing a range of premium cab features that redefine comfort and convenience for a superior tractor operation experience.

TFT LCD Rear Monitor System

Utilize the user-friendly monitor to access vital information, including dual cameras (front and/or rear), radio, phone, multimedia, tractor data, and settings.



Sunroof

Our sunroof enhances safety and efficiency by providing an improved line of sight to both attachments and materials being handled.



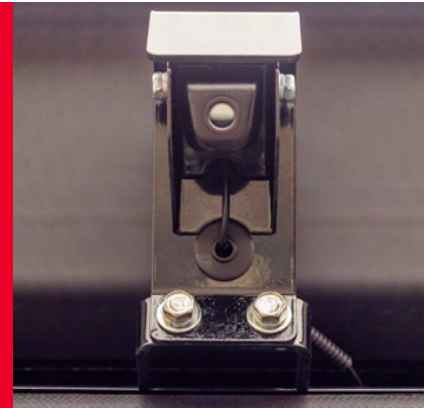
Smartkey w/Remote Start and Control Functions

The Smartkey enables remote engine starts, hitch control, and push-button start/stop for added convenience.



Reverse Camera

This reverse camera feature enhances visibility behind your tractor, facilitating safer and easier maneuvering in tight spaces. Allows monitoring of rear implants whenever needed.



Side View Mirrors

Fully adjustable dual mirrors provide essential visibility and eliminates blind spots for all tractor applications.



USB Ports

The tractor's USB ports provide seamless device connectivity and charging from the operator's seat, enhancing productivity during long days in the field.



Air-ride Full Suspension Seat

The swivel seat allows the tractor operator to rotate the seat partially, providing a better view of the surroundings without having to strain or twist their body. The seat also adjusts for height and weight.



Instructor's Seat

The instructor's seat offers a comfortable and adjustable spot for trainers and supervisors to join operators during tasks. That also stows away when not in use.



Operational Features



These levers simplify tasks like gear shifting and implement control, ensuring efficiency and ease of operation.

1. Rear-remote Controls (3 sets standard)

Rear-remote controls enable the operator to efficiently manage hydraulic functions for rear-mounted implements or attachments.

2. Throttle Control

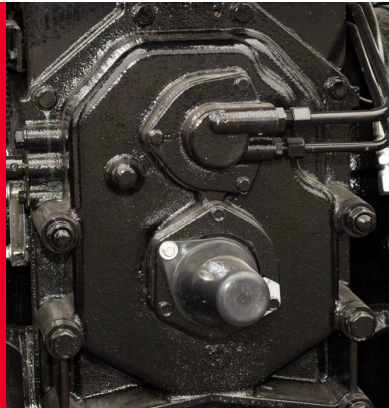
The throttle control dial regulates the engine's speed and power output

3. PTO Switch

The PTO switch, positioned for easy access, allows convenient engagement and disengagement of the PTO system without manual levers.

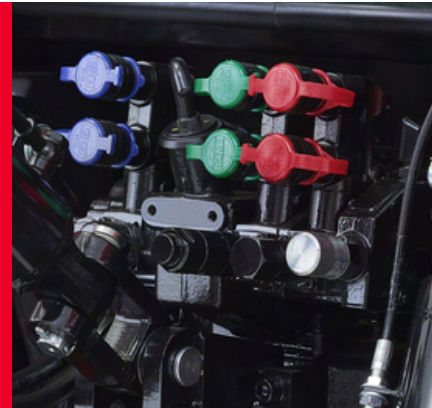
Reversible PTO Shaft

Featuring adjustable spline counts for versatile equipment compatibility, the Reversible PTO Shaft streamlines your operation by reducing the need for multiple PTO shafts or adapters, ensuring quick and efficient transitions between various implements.



Hydraulic flow valves & auxiliary control valve

Hydraulic flow valves and the auxiliary control valve provide precise regulation of hydraulic fluid flow to optimize the performance of attached implements for specific tasks and conditions.



3-Pt. Lift Control

Effortlessly manage your tractor's implements and attachments with precise 3-point lift control.



Gear Range Shifter

The manual lever allows for selecting the appropriate range needed for individual tasks. The four ranges include: creep, low, medium, and high.



Stationary PTO Switch

The Stationary PTO Switch offers speed selection options at 540 RPM, 540E, or 1000 RPM, allowing you to choose the ideal speed for various implements, optimizing their performance.



Organ Pedal

The organ-style pedal, eases strain on the ankles so that the pedal can be pushed with less effort and give more accurate control to the operator.



3-Pt. Hitch

Telescopic Top Link

Featuring adjustable length, the telescopic top link guarantees an ideal fit for diverse implements, enhancing both performance and precision.



Hitch Height Control

Fender-mounted buttons aid in attaching and detaching rear implements.



The high-capacity heavy duty category 2 hitch allows you to quickly connect various implements.

Independent PTO

Experience the Independent Power Take-Off (PTO) system, granting operators precise control over PTO functions. This enables you to engage and disengage the PTO without impacting the tractor's primary drive, ensuring you can operate a variety of implements while retaining full control.

Quick Implement Hookup

Designed with a quick implement hookup system to streamline the attachment process, you can connect and disconnect implements swiftly and easily, saving you valuable time and effort.

High Lift Capacity Hitch

Equipped with a high-capacity 3P hitch, designed to handle heavy loads and a variety of implements, ensuring secure attachment and optimal performance for your agricultural tools.

Trailer Coupler (7-Pin)

This standardized and versatile connection enables you to efficiently power and control your trailer's lights, brakes, and other essential functions.

Floating Lift Rods

Floating lift rods offer precise control and adaptability when connecting implements. This innovative system adjusts to varying ground contours, ensuring even weight distribution and improved implement performance.

Drawbar Bracket

The drawbar bracket on TYM tractors provides a reliable and sturdy attachment point for towing and hauling. This essential component ensures secure and efficient towing of various implements and trailers.

T115 Technical Specifications

ENGINE

Engine manufacturer	DEUTZ TCD3.6L4
Type	Turbo Charger
Gross engine power	111hp 83kW
Max. PTO power	109hp 80kW
Rated engine speed	2200 rpm
No. of cylinders	4
Displacement	3621 cc 221 cu. in.
Air Cleaner	Dual Dry
Alternator	12V, 120A
Fuel System	CRDI

POWERTRAIN

Transmission type	Power Shuttle & Hi-Lo Shift
No. of speeds	F32xR32 w/creep
Max. traveling speed	38.2 km/h
Brakes	Wet Multi Disc
Steering	Hydrostatic
Clutch	Wet Multi Type

CAPACITIES

Fuel tank	110 L
Coolant	18.1 L
Crankcase	8 L
Transmission/Hydraulics system	90.1 L
Front axle	17.4 L
Towing Capacity	1301 - 3269 kg

PTO

PTO type	Independent
PTO control	Electro-hydraulic
PTO rear	540/540E/1000 rpm

HYDRAULIC SYSTEM

Pump type	Dual Gear Pump
Implement flow	54.1 l/min
Steering flow	27.0 l/min
Total flow	81.1 l/min
Category, 3-point hitch	II
Hitch lift capacity	3309 kg (Optional : 3900 kg)
Hitch lift capacity at 24 inches	2725 kg
Lift control type	Position/Draft
No. of standard remote valves	6 port

DIMENSIONS & WEIGHTS

Overall length with 3-point hitch	4470 mm
Overall width	2270 mm
Wheelbase	2360 mm
Height to top of CAB	2740 mm
Min. ground clearance	460 mm
Min. turn radius with brakes	L: 3660 mm / R: 3670 mm
Min. turn radius without brakes	L: 4310 mm / R: 4350 mm
Weight with cab	4130 kg

STANDARD TIRES

Agricultural - Front	13.6-24
Agricultural - Rear	18.4-34

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

