

TATA 315 E

- **Gross Power** : 76 HP @ 2200 rpm
- **Operating Weight** : 7200 kg
- **Bucket Capacity**
 - Backhoe : 0.25 m³
 - Loader : 1.0 m³

**ENGINEERED TO ENHANCE
YOUR EARNINGS**



Approved by ARAI for latest CMVR Rules
Powered by BS-II compliant TATA 497 TC Engine

SPECIFICATIONS

ENGINE

India's most popular 4 cylinder Engine

Make & ModelTATA 497TC
Type.....Water cooled, 4 cylinder & diesel engine
Gross Power76 HP @ 2200 rpm
Max.Torque26 kgf/m @ 1600-1800 rpm
Battery12 V-130 AH

HYDRAULIC SYSTEM

High flow, Low cycle time

Efficient hydraulic system with gear type heavy duty pump

	Flow @ 2200 rpm	Pressure
Backhoe	106 lpm	211 kg/cm ²
Loader	106 lpm	211 kg/cm ²

Filter

Return oil, spin-on type, replaceable, 10 micron element.

TRANSMISSION

Shift on the move...
On the click of the knob...

TATA 315E is equipped with fully Powershift transmission from the internationally renowned ZF, Germany, with heavy duty clutch packs for smooth and easy gear shift.

The integral Torque converter has stall ratio of 1: 2.63 which increases the tractive effort, making dozing operation easy in tough conditions.

Powershift transmission facilitates "on the move clutch less gear shift" through the click of the knob both in forward and reverse direction.

AXLES

Front Axle

The rigid non-powered front axle for two wheel drive version can float 18° to take care of unevenness of ground.

Rear Axle

Rear ZF Multitrac Axle is a heavy duty, long-life axle. High brake torque is assured by internal wet multi-disc brakes that are self adjusting and require little maintenance. It is now available in stud fitted version for easy mounting of rims with differential lock.

Parking Brake is spring applied hydraulically released which is enclosed in the axle housing and provides full protection from damage, dirt and corrosion.

TRAVEL SPEEDS

Catch it if you can

Travel speeds with standard rear tyres.

	Forward	Reverse
Gear 1	6 kmph	8 kmph
Gear 2	11 kmph	14 kmph
Gear 3	23 kmph	
Gear 4	38 kmph	

TURNING CIRCLE

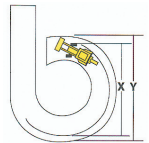
Compact, easy to maneuver

X Curb turning circle

With brakes7140 mm
Without brakes8808 mm

Y Bucket clearance circle

With brakes9610 mm
Without brakes10500 mm



TYRES

Choose to fit terrain

Front Tyres (standard)9-16, 16 PR

Rear Tyres

(standard)...Industrial tyres.....16,9-28, 12 PR
(standard)...Heavy duty tyres.....14-25, 20 PR

REFILL CAPACITIES

Keeps it running

Fuel tank (with ground level fueling)136.0 ltr
Engine coolant21.9 ltr
Engine oil including filter9.0 ltr
Torque converter and transmission13.0 ltr
Hydraulic system91.0 ltr
Rear axle16.0 ltr

BUCKETS

Loader End	Width	Capacity	Weight
Tilt dump bucket	92.3"	1.00 m ³	540 kg
Bottom dump (6-in-1) bucket	92.5"	1.00 m ³	703 kg

Backhoe End	Width	Capacity	Weight
General purpose bucket	28"	0.25 m ³	185 kg
Heavy-duty bucket	24"	0.21 m ³	190 kg



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The Specifications are subject to change without prior notice. Please contact our nearest office for latest specifications. Accessories shown here are not part of the standard equipment. Performance of the machine may vary with site and operating conditions encountered.