

ISEKI TRACTOR

TU Series TU318
TU320



TU318



TU Series Compact Tractors ... for Top Field Performance, Excellent Maneuverability, and Operator's Comfort

OPERATOR'S COMFORT



● Spacious Full-Flat Deck

Spacious, flat floor for fatigue-free, continuous operation
Spacious full flat deck provides ample space for operator's feet. As he can change his footing freely while driving, it minimizes fatigue even after a long, continuous operation.

● Vibration Absorber

Unique floating engine suspension
For more comfortable driving, vibration absorbing rubber engine mounts have been employed. Thanks to this engine suspension system, engine vibration is minimized and operator's comfort is far superior to that of conventional tractors.

● Wide-Opening Engine Hood

The engine hood can be opened wide by a simple operation providing easy access for the daily checking and servicing engine and electrical components.



MANEUVERABILITY



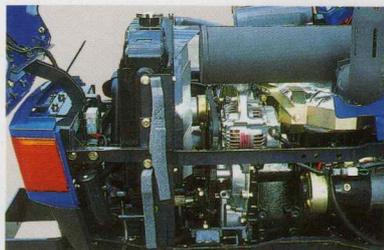
● Well-Planned Layout of Control Levers

The most frequently used levers are positioned either side of the operator's seat for easy access and quick, safe operation. This lever layout contributes to spacious comfortable operator's compartment.



TU320

EXCELLENT PERFORMANCE



● Powerful Engine

A 3-cylinder, large-capacity, tough and economical water cooled diesel engine is installed. It is designed to produce high, flat torque throughout the whole operation range of speeds, resulting in stable, highly efficient operation.

● Wide Speed Range

The tractor offers wide range of travelling speeds from approximately 1.2 km/h to 20 km/h, which offers broad operating application and safe road travelling.

● 4WD Versions

All models have 4WD versions. 4-wheel drive utilizes engine power most efficiently reducing wheel slip and giving more traction. On difficult terrain the improved stability increases safety.



● Three PTO's

The tractor is equipped as standard with a rear PTO and mid PTO (HST Version only). Versatility can be further increased by the fitment of an optional front PTO kit.

● HST Versions

There are two types of HST versions: TU318F-HST, and TU320F-HST.

The hydrostatic transmission transmits engine power very efficiently for forward and reverse.

All transmission control (acceleration, and shifting forward and reverse travelling) is done by one pedal. There are 3 speed ranges in HST versions which ensure excellent speed control under all conditions.



fort



● Simple Layout — Easy-To-Read Instrument Panel

A large, simple instrument panel is clearly visible to the operator under all working conditions and provides all necessary information about machine operating condition.

● Light-Touch, Secure Wet-Type Disc Brakes

Braking is a most essential function for safe, effective operation. The wet-type disc brakes are tough and positive, and react to light pedal operation.

Specifications

MODEL	TU318F	TU320F	TU318FH	TU320FH			
Type	4WD						
Dimensions mm							
Overall length	2,710	3,020	2,710	3,020			
width	1,060	1,305	1,060	1,305			
height: to top of muffler	2,000	2,230	2,000	2,230			
Wheel base	1,500	1,580	1,500	1,580			
Wheel tread: Front	840	1,085	840	1,085			
Rear	780, 930	940, 1,100	780, 930	940, 1,100			
Min. ground clearance	260	275	260	275			
Weight kg (lbs.)	710 (1,565)	900 (1,984)	740 (1,631)	930 (2,050)			
Engine							
Model	E3100	E3AF1	E3100	E3AF1			
Type	4 cycle diesel						
Number of cylinder	3						
Displacement cc (cu.in.)	1,006 (61.4)	1,170 (71.4)	1,006 (61.4)	1,170 (71.4)			
Output kw (ps)/rpm	12.9 (DIN 17.5)/2,500	15.1 (DIN 20.5)/2,500	12.9 (DIN 17.5)/2,500	15.1 (DIN 20.5)/2,500			
Fuel tank capacity liter (gallon)	17 (3.74)	25 (5.50)	17 (3.74)	25 (5.50)			
Starting method	Starter motor with preheater						
Tire size Front	6-12	6.00-12	6-12	6.00-12			
Rear	8.3-20	12.4-16	8.3-20	12.4-16			
Transmission	Select-sliding mesh		Hydrostatic transmission with mechanical select-sliding mesh				
Traveling speed km/hr							
	Range shift	Main shift					
Forward	L	1	1.13	1.21	1	0-6.1	0-5.8
		2	2.59	2.76			
		3	4.19	4.47			
	H	1	5.44	5.80	2	0-12.5	0-11.9
		2	12.47	13.30			
		3	20.16	21.50			
Reverse	L	R	1.65	1.76	1	0-3.0	0-2.9
		R	7.94	8.47			
	H	R			2	0-6.2	0-6.0
					3	0-10.4	0-10.8
P.T.O. speed (rpm)	540, 1000						
Implement lifting device							
Type	Hydraulic						
Mounting method	3-point hitch, category 1						
Self control	Position control						

* Integral power-assisted steering is equipped with U type as standard.

* The manufacturer reserves the right to alter the specifications and design without notice.

ISEKI & CO., LTD.

Foreign Affairs Division
 3-6, Kioi-cho, Chiyoda-ku, Tokyo, 102 Japan
 Cable Address: ISEKIRICE TOKYO
 Telex: 232-2752, 232-2753 Phone: (03) 238-5245 ~ 5260

Dealer: