

# The machine for all seasons

Reliability is the best return on your investment



ISEKI TJ / TJW

 **ISEKI**

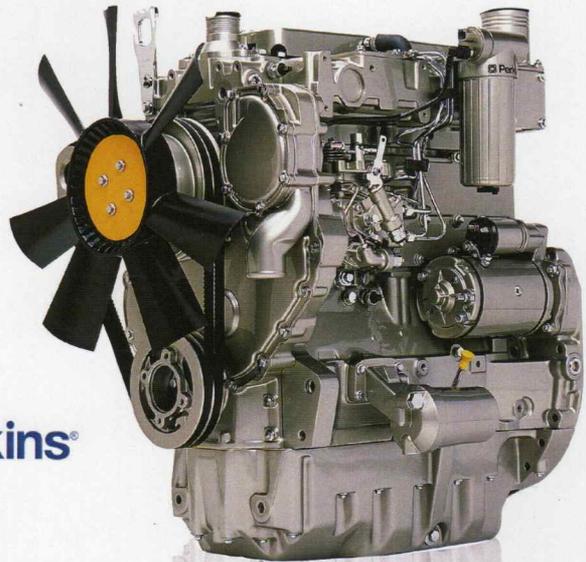
TJ and TJW tractors



# High spec, durable and comfortable

## Engine

TJW is equipped with the powerful and high-response Perkins Tier 3 electronic engine, a quiet 4.4 litre unit delivering improved performance and reduced operating costs in an efficient package ideal for a range of applications.



## High technology transmission

The 8 speed Powershift transmission with 3 ranges includes a creep range, Power shuttle forward/reverse, and a 2 speed PTO making this tractor ideal for all types of applications from front end loader work, ground cultivation and harvesting.

### Functional features include:

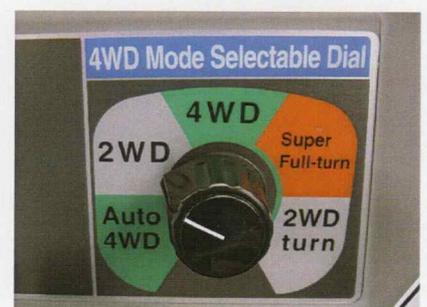
1. Accelerated controlled speed change system – travelling speed can be changed automatically by depressing the accelerator pedal
2. Travelling speed memory system – the main change gear position can be selected automatically just by operating the range gearshift lever
3. Auto drive system – this system performs acceleration and deceleration according to the engine load
4. Auto 4WD system – TJW selects the most suitable driving condition for any situation



Auto Drive System



Diff Lock



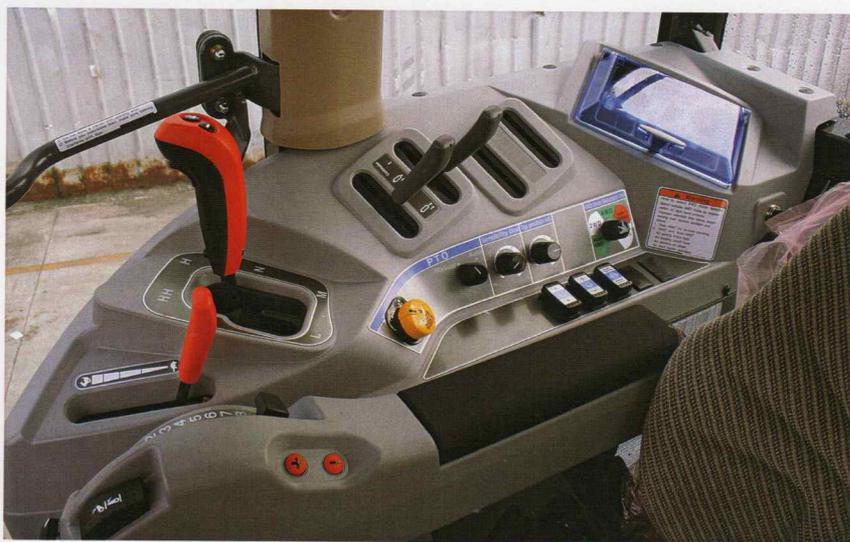
Auto 4WD System

# Powerful & versatile hydraulic system

TJW is equipped with powerful and versatile hydraulic systems. The standard lift capacity is 4.4 tonnes with an assist cylinder as standard. With such a powerful lift capacity, heavy implements are quickly and easily attached. Two auxiliary valves are standard (a maximum of four valves can be equipped) which makes it useful for a variety of implements.

## Hydraulic Pump

Main pump capacity: 66 L/min  
Main pump pressure: 190 kgf/cm<sup>2</sup>  
Sub pump capacity: 29 L/min  
Sub pump pressure: 150 kgf/cm<sup>2</sup>



## Visibility and comfort

The unique cab design features wide-opening doors providing easy access. There is plenty of space with everything in the right spot and all round visibility. The air conditioned cabin is mounted on vibration damping rubber blocks, keeping the cabin noise level down. The comfortable cabin ensures the operator does not experience fatigue from working long periods.



# Specifications



MODEL		TJW110	TJW125	TJ75
<b>Engine</b>				
	Type	Perkins 1104C-44T	Perkins 1104C-44T	Isuzu e4de
	Drive System	2WD and /or 4WD		
	No. of Cylinders	4		
	SAE power / rated speed	110hp (82 kw)/2000 rpm	125hp (93kw)/2000 rpm	82hp (75kw)/ 2600 rpm
	Total displacement	4398 cc	4398 cc	2955cc
	Fuel tank capacity	190 litres	190 litres	90
<b>Transmission</b>				
	Type	Powershift Transmission		
	No. of Speeds (option)	24F / 24R		
	Clutch	Hydraulically engaged, multi-plate wet disc		
	Gear Shift	8-speed power-shift, Range - 3 speed		
	Shuttle shift	Power-shuttle		
	Brakes	Wet disc		
	Speeds	Forward 0.24 to 34.6km/h	Forward 0.24 to 34.6km/h	0.2 to 31.0km/h
		Reverse 0.24 to 33.9km/h	Reverse 0.24 to 33.9km/h	0.18 to 29.0km/h
	Turning Radius with brake [m]	3.4m	3.4m	2.8m
<b>PTO</b>				
	PTO type	Live independent PTO, hydraulically operated wet clutch		
	PTO Speed (rpm)	540 / 1000		
<b>Hydraulics</b>				
	Steering	Hydrostatic power steering	Hydrostatic power steering	same
	Combined Hyd Pump	95 L / min	95 L / min	58L / min [ with aux ]
	1st Pump	66L/min	66L/min	40L/min
	2nd Pump	29L/min	29L/min	18L/min
	Auxiliary valves	2 valves standard (max 4 valves)		
	Lift capacity	4400kg	4400kg	3000kg
<b>Dimensions</b>				
	Wheelbase	2405 mm	2405 mm	1220-1660mm
	Tread width - Front	1440 - 1740 mm	1440 - 1740 mm	2150mm
	Tread width - Rear	1340 - 1950 mm	1340 - 1950 mm	1200-1620mm
	Overall width	2040 mm	2040 mm	1500-1707mm
	Overall length	4155 mm	4155 mm	3820mm
	Overall height	2705 mm	2705 mm	2475mm
	Overall weight (with standard tyre)	4225 kg	4225 kg	2480kg
	Tyre size - Front	420 / 65 R24	420 / 65 R24	9.5x22
	Tyre size - Rear	540 / 65 R38	540 / 65 R38	12.4 x 36
	<i>Other Ag and Turf Tyre options on request</i>			
<b>Equipment</b>				
	Light, Lamps	Standard		
	LCD Panel	Standard		
	7 Pin Socket	Standard		
	Fuel Gauge	Standard		
	Tachometer	Standard		
	Temp. Gauge	Standard		
	Working Lights	F2/R2		
	Air conditioning	Standard		
	Rearview Mirror	Standard		
	Engine Hood	Rear Hinge/Tilt	Rear Hinge/Tilt	Side Opening
	Stereo	Standard		

N.B. Please check with your local dealer as some optional extras may not apply.  
Note: The technical features may be altered without prior notice.