

KUBOTA PEM-140DI Power Tiller Specification

ENGINE	Power tiller model		PEM140DI
	Model name		RT140DI-EM
	Type		4-Cycles, horizontal piston, water cooled, direct-injection diesel engine
	Bore x Stroke		97 x 96 mm
	Cylinder displacement volume (cm ³)		709
	Rated maximum output (PS/rpm)		13 / 2400 [9.56 / 2400]
	Rated Continuous output (PS/rpm)		13 / 2400 [9.56 / 2400]
	Specific Fuel Consumption (Average value at continuous output) (g/PS-h [g/kW-h])		185 [252]
	Maximum Torque (kg-m/rpm [N-		4.4 / 1600 [43.1 / 1600]
	Fuel tank capacity (L)		11
	Engine oil grade/volume		SAE30 or SAE10W-30, SAE40 or SAE15W-40 / API CF oF above/ 2.8 Liters
	Starting system		Hand cranking with handle (double speed ratio)
	Cooling system		Pressurized radiator, crankshaft driven cooling fan
	Safety cover		Flywheel cover and muffler heat shield
	Engine pulley outside diameter (mm)		120
Weight (dry) (Kg)		100	
CHASIS & TRANSMISSION	Model name		PEM480-IN
	Power transmission system	Engine to main clutch	3 V-belts (Belt section: B, Length: 78 in) Gear
		Main clutch to wheel axle	Gear (dependence with traveling sub speed shift)
		Main clutch to PTO	
	Traveling speed step	Main speeds shift forward	6 forwards (3 high and 3 low)
		Sub-speeds shift reverse	2 reverse (1 high and 1 low)
	Transmission oil grade / volume		SEA90 / API GL-4 / 7.5 - 8 Litres
	Main clutch		Dry multi-plate type
	Steering clutch		Bolt-on Internal gear insert type (14 teeth)
	Brake		Internal expansion shoe and drum type
	Tires		7.0-16 (Rolling Diameter 71 cm)
Wheel track width (mm)		800-950	
Belt cover		Full cover type	
Weight		116	
ROTARY	Number of rotary speed		2
	Number of tilling width		80 cm (800mm)
	Number of tilling blade		20
WEIGHT	Standard implements & accessories*	Provided	Rotary tiller [RP80M-IN], Rubber tire, paddy wheel
	Total weight	Rubber tires (Kg)	346
		Paddy wheel (Kg)	329