

Principal specification : Mitsubishi Combine Harvester V450

Model name		V450		
Type		ET	LYM	
Size	Overall length (mm)	4050	4100	
	Overall width (mm)	1950		
	Overall height (mm)	2160		
Weight (kg)		2480	2640	
Engine	Model name		D1803-CR-TE4B	
	Type			Diesel engine, Vertical type Water-cooled 4 Cycle with Common rail system
	Total displacement (L)			1.826
	Output / Speed (kW {PS} /rpm)			37.0 {50.3} /2700
	Type of fuel			Diesel fuel
	Fuel tank capacity (L)			42
	Starting method			Starter motor type
	Battery (V·Ah)			12·60
Traveling unit	Crawler	Width x Ground contact (mm)	400×1490	450×1490
		Track gauge	920	1000
		- interval bet. roller (mm)		
		Ave. ground contact pressure (kPa {kgf/cm ² })	20.4{0.208}	19.3{0.197}
	Transmission type			Hydraulic motor type (HST)
	Number of speeds (Step)			Forward & Reverse : Continuous variable - Stepless (Sub speed : 2 steps)
Traveling speed (m/s)	Forward	Standard : 0~1.30 Traveling : 0~2.27		
	Reverse	Standard : 0~1.30 Traveling : 0~2.27		
Reaping unit	Number of reaping rows			4
	Width between divider tips (mm)			1400~1450
	Reaping cutter type			Reciprocating cutter bar type
	Effective reaping width (mm)			1400
	Speed change steps			To be synchronised with machine traveling speed (Standard · On/Off of Falling crops reaping switch)
	Reaping height adjustable range (mm)			40~150
	Threshing depth control method			Electric control type (Combination of Automatic and Manual)
Threshing unit	Main threshing drum	Drum diameter x Width (mm)	410×620	
		Threshing speed (rpm)	Front 455, Rear 560	
	Sub threshing drum	Drum diameter x Width (mm)	140×670	
		Threshing speed (rpm)	1550	
	Rocking plate	Width x Length (mm)	600×1130	
Grain process	Grain process method			Grain tank type
	Grain tank capacity (L)			1050
	Discharging height (mm)		1700~3900	1700~4400
Straw discharging device			Multi cutter	
Applicable crop length (mm)			550~1300	
Suitability for falling crops (Angle)			Following reaping : 85°, Against reaping : Less than 70°	
Harvesting efficiency (min./10a)			13~55 (Calculation basis)	
Safety Judgement Standard approved number				
Required driver's license			License for Large-sized special motor vehicles	