

Principal specification : Mitsubishi Combine Harvester V335/435

Model name		V335		V435		
Type		M	LM	M	LM	
Size	Overall length (mm)	3840				
	Overall width (mm)	1680				
	Overall height (mm)	1990				
Weight (kg)		1915	2010	1955	2050	
Engine	Model name	D1803-CR-E4B				
	Type	Diesel engine, Vertical type Water-cooled 4 Cycle with Common rail system				
	Total displacement (L)	1.826				
	Output / Speed (kW{PS}/rpm)	25.8{35.1}/2400				
	Type of fuel	Diesel fuel				
	Fuel tank capacity (L)	31				
	Starting method	Starter motor type				
Battery (V·Ah)		12·60				
Traveling unit	Crawler	Width x Ground contact (mm)	400×1390		420×1390	
		Track gauge - interval bet. roller (mm)	875		895	
		Ave. ground contact pressure (kPa {kgf/cm ² })	16.9{0.172}	17.7{0.181}	16.4{0.167}	17.2{0.176}
	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 : 0~1.22 Traveling : 0~2.52		Standard : 0~1.02 Traveling : 0~2.12	
		Reverse	Standard : 0~1.18 Traveling : 0~2.32		Standard : 0~0.99 Traveling : 0~1.95	
Reaping unit	Number of reaping rows		3		4	
	Width between divider tips (mm)		1150~1200		1400~1450	
	Reaping cutter type		Reciprocating cutter bar type			
	Effective reaping width (mm)		1150		1400	
	Speed change steps		To be synchronised with machine traveling speed (New Twin Harmony)			
	Reaping height adjustable range (mm)		40~150			
Threshing depth control method		Electric control type (Combination of Automatic and Manual)				
Threshing unit	Threshing method		Axial lower feed threshing with multiple drums			
	Main threshing drum	Drum diameter x Width (mm)	410×620			
		Threshing speed (rpm)	450/550			
	Sub threshing drum	Drum diameter x Width (mm)	140×720			
		Threshing speed (rpm)	1675			
Rocking plate Width x Length (mm)		500×1120				
Grain process unit	Grain process method		Tnak type			
	Grain tank capacity (L)		800			
	Discharging height (mm)		1600~4200			
Straw discharging device		Multi cutter				
Applicable crop length (mm)		550~1300				
Suitability for falling crops (Angle)		Following reaping : 80°, Against reaping : Less than 70°				
Harvesting efficiency (min./10a)		19~67 (Calculation basis)		17~55 (Calculation basis)		
Safety Judgement Standard approved number						
Required driver's license		License for Small-sized special motor vehicles				