

Principal specification : Mitsubishi Combine Harvester V6120

Model name		V6120				
Type		JM	JUM	XJM	XJUM	
Size	Overall length (mm)	4860				
	Overall width (mm)	2220		2230		
	Overall height (mm)	2600		2700		
Weight (kg)		4655	4675	4805	4825	
Engine	Model name	V3800-CR-TIE4B				
	Type	Diesel engine with turbo-charger, Vertical type Water-cooled 4 Cycle with Common rail				
	Total displacement (L)	3.769				
	Output / Speed (kW{PS}/rpm)	88.3{120}/2600				
	Type of fuel	Diesel fuel				
	Fuel tank capacity (L)	100				
	Starting method	Starter motor type				
Battery (V·Ah)		12·92				
Traveling unit	Crawler	Width x Ground contact (mm)	550×1850	600×1850	550×1850	600×1850
		Track gauge - interval bet. roller (mm)	1175	1225	1175	1225
		Ave. ground contact pressure (kPa {kgf/cm ² })	22.4{0.229}	20.6{0.211}	23.1{0.236}	21.2{0.217}
		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 : 0~2.0 High : 0~3.39			
		Reverse	Standard : 0~2.0 High : 0~3.39			
Reaping unit	Number of reaping rows		6			
	Width between divider tips (mm)		1980~2030			
	Reaping cutter type		Reciprocating cutter bar type (Twin)			
	Effective reaping width (mm)		1940			
	Speed change steps		2 Synchronizing with machine traveling speed			
	Reaping height adjustable range (mm)		40~200			
Threshing depth control method		Electric control type (Combination of Automatic and Manual)				
Threshing unit	Threshing method		Axial lower feed threshing with multiple drums (Speed increased type of twin threshing drums)			
	Main threshing drum	Drum diameter x Width (mm)	410×1100			
		Threshing speed (rpm)	Front 462 / Rear 565			
	Sub threshing drum	Drum diameter x Width (mm)	140×912			
		Threshing speed (rpm)	1744			
Rocking plate	Width x Length (mm)	800×1750				
Grain process unit	Grain process method		Grain tank type (Discharging by auger)			
	Grain tank capacity (L)		2000			
	Discharging height (mm)		2075~5085			
Straw discharging device		Disc type cutter				
Applicable crop length (mm)		550~1300				
Suitability for falling crops (Angle)		Following reaping : 85°, Against reaping : Less than 70°				
Harvesting efficiency (min./10a)		6~40 (Calculation basis)				
Safety Judgement Standard approved number						
Required driver's license		License for large-sized special motor vehicles				