

## Principal specification : Mitsubishi Combine Harvester V598/V698

Model name		V598				V698				
Type		M	YM	XM	XYM	M	UM	XM	XUM	
Size	Overall length (mm)	4860								
	Overall width (mm)	2140		2150		2220		2230		
	Overall height (mm)	2600		2700		2600		2700		
Weight (kg)		4185	4235	4335	4385	4280	4300	4430	4450	
Engine	Model name	V3800-CR-TE4B								
	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)	72.4 {98.4} /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)	500×1715	550×1715	500×1715	550×1715	550×1715	600×1715	550×1715	600×1715
		Track gauge - interval bet. roller (mm)	1175							
		Ave. ground contact pressure (kPa {kgf/cm <sup>2</sup> })	23.9 {0.244}	22.0 {0.224}	24.8 {0.253}	22.8 {0.232}	22.2 {0.227}	20.5 {0.209}	23.0 {0.235}	21.2 {0.216}
	Transmission type	Hydraulic motor type (HST)								
	Number of speeds (Step)	Forward & Reverse : Continuous variable - Stepless (Sub speed : 2 steps)								
	Traveling speed (m/s)	Forward	Working : 0~1.96							
	Reverse	Traveling : 0~3.19								
Reaping unit	Number of reaping rows		5				6			
	Width between divider tips (mm)		1700~1750				1980~2030			
	Reaping cutter type		Reciprocating cutter bar type							
	Effective reaping width (mm)		1686				1940			
	Speed change steps		To be synchronised with machine traveling speed (Sub speed:1, Pick-up:2 + Falling crop reaping switch)							
	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 463 / Rear 567							
	Sub threshing drum	Drum diameter x Width (mm)	140×912							
		Threshing speed (rpm)	1749							
Rocking plate Width x Length (mm)		800×1750								
Grain process	Grain process method		Grain tank type							
	Grain tank capacity (L)		2000							
	Discharging height (mm)		2075~5085							
Applicable crop length (mm)		550~1300								
Suitability for falling crops (Angle)		Following reaping : 80°, Against reaping : Less than 70°								
Harvesting efficiency (min./10a)		7~46 (Calculation basis)				6~40 (Calculation basis)				