



MAM TECHNICAL INFORMATION

PRODUCT		COMBINE HARVESTER Model VR98		UNIT: mm / kg
SUBJECT		SPECIFICATION		
Engine	Model		V3800 DI-T	
	Engine Model		Water cooled 4-cycle, 4 - cylinder diesel with turbo charger	
	Displacement		3.769 liter	
	Output		71.7 Kw (98.0 ps) / 2600 rpm	
	Fuel tank capacity		86 liter	
	Fuel type		Diesel oil	
	Starter		Self - start	
	Battery		12V · 92Ah	
Dimensions	Overall length		4,860 mm	
	Overall width		2,200 mm	
	Overall height		2,480 mm	
	Weight		3,840 kg	
Traveling Unit	Ground contact of crawler		550 (W) x 1,715 (L) mm	
	Track gauge (Interval between roller)		1,175 mm	
	Ground contact pressure		0.204 kgf / cm ²	
	Transmission		HST	
	Speed change steps		Main:Continuous variable (Stepless) Sub:F3-R3	
	Traveling Speed	Forward	F1: 0 - 1.15 m/sec.	
			F2: 0 - 1.85 m/sec.	
	Traveling Speed	Reverse	F1: 0 - 1.15 m/sec.	
F2: 0 - 1.85 m/sec.				
Reaping Unit	No. of reaping rows		6	
	Width between right to left divider		1,980 ~ 2,030 mm	
	Reaping cutter		Double action, Reciprocating cutter bar	
	Effective reaping width		1,940 mm	
	Speed change steps		2 (Synchronized with traveling speed)	
	Applicable height of reaping		40 ~ 200 mm	
	Lifting control for reaper unit		Hydraulic	
	Threshing depth control		Electric control type (Automatic / Manual)	
Threshing Unit	Threshing method		Under threshing type	
	Main threshing drum	Diameter x width	410mm x 1,100mm	
		Threshing speed	Forward: 463rpm, Reverse: 554rpm	
	Sub threshing drum	Diameter x width	140mm x 912mm	
		Threshing speed	1,713rpm	
Rocking plate	width x length	800 × 1,750mm		
Grain process	Type		Grain tank type	
	Grain tank capacity		2,000 liter	
Straw discharge	Type		Multi Disc Cutter	
Other devices	Warning devices		Temp, Hyd, Battery charge, Filter, G.Tank, Reaping unit, Feed chain, Straw discharge, Eng.load, Reverse	
	Automatic control devices		Traveling direction, Threshing depth, Grain selection, Cutting height, Horizontal control, Lifting control, Grain discharge auger control,	
	Safety devices		Eng. Shut down, Torque limiter	
	Others		Concentrating lubrication system, Dust filter, Shockless roller, Eng. shut down switch, Threshing component lift up system, Turnig method selector(Just director), Quick up divider, Rocking plate control	
Applicable crops	length		550mm ~ 1300mm	
	Declining angle of crops		Less than 80 °(following reaping) 70°(against reaping)	
Efficiency	Harvesting efficiency		6 ~ 9 min. / 10 are	

