

<b>Engine</b>	
Model	MSI 457 3A
Type	four stroke water cooled, direct injection, Diesel engine,
No. of cylinders	4
Bore/ Stroke mm	96/122
Capacity (cc)	3532
Rated engine speed (RPM)	2100
Engine HP	42.5 kW(57 HP)
PTO HP	37.5 kW(50.3 HP)
Air cleaner type	Dry, Dual cartridges, 15 Forward + 3 Reverse, mechanical partial synchromesh
Speeds (KMPH)	Forward range - 1.71 to 33.53 kmph , reverse range - 3.24 to 18.03 kmph
clutch type	Dual, dry friction plates
PTO type	SLIPTO, 540 +R/ 540+ 540 E
Brakes	Mechanically actuated, oil immersed disc brakes
<b>Combine Harvester</b>	
Model	B 525
Type	Tractor powered combine harvester
Type of prime mover	Mahindra 605 DI - I ( Arjun novo), 4 wheeled, 2 wd, general purpose agriculture tractor
<b>Tyre</b>	
Drive wheels	16.9 -28, 12 PR - 2 nos.
steering wheels	7-19, 10 PR - 2 Nos.
<b>Cutterbar assembly</b>	
Effective width	3600
working width	3900
No.of blades	49
Cutting platform	3280mm (dia) x 3840mm ( width)
No. of Scoopes	16
<b>Rear Beater</b>	
Type	Square section 1170mm (width) X 380 (Dia.)
Drive	V belt and fully drive
Separating mechanism, Straw walker, closed stock type with shaw	Five Nos.
Blower	550mm ( Dia.) x 1100 mm ( width) - 4 blade
Blade	1075mm X 128 mm
Drive	V belt with pulley arrangement
<b>Overall Dimensions (mm)</b>	
Length with trailer/ without trailer	11050mm / 6400mm
Width	2565mm
Height	3710mm
Total mass of combine ( Kg.)	5868 Kg.