

Specifications: MF 3640/5650 Advanced combines

		MF 3640	MF 5650
Table			
Type		quick-attach	quick-attach
Height control		automatic/ manual	automatic/ manual
Table flotation aid		hydropneumatic comp.	hydropneumatic comp.
Auger speed	rev/min	102, 122, 147, 176	102, 122, 147, 176
Knife speed	rev/min	535	535
Cutting width	ft (m)	13 (3,90), 14 (4,20), 16 (4,80)	13 (3,90), 14 (4,20), 16 (4,80), 17 (5,10), 19 (5,80)
Rigid table/Flexible table			
Minimum cutting height	mm	50/38	50/38
Knife to auger distance (min - max)	mm	392/492-558	392/492-558
Reel tines	type	spring steel/polyurathane	spring steel/polyurathane
Reel			
Drive type / speed	rev/min	hydrostatic / 0-60	hydrostatic / 0-60
Fore/aft adjustment		mechanical	mechanical
Reel tine positioning	type	manual	manual
Maize header			
Model	Spacing	Rows	
4L70/4L80/4L90	mm	4	700-762/800-850-900/900-1000
5L70/5L80/5L90	mm	5	700-750/800-850-900/900-1000
6L70/6L80/6L90	mm	6	700-760/800/900-1000
Threshing unit			
Cylinder	dia/width mm	560/1080	560/1270
Type/weight (kg)		high inertia/235	high inertia/253
Standard speed	rev/min	365-1000	365-100
Optional cylinder		toothed cylinder/concave	toothed cylinder/concave
Optional speeds	rev/min	300-900, 433-1300	300-900, 433-1300
Concave			
Number of bars		8/14	8/14
Wrap angle	degrees	106	106
Area (concave + extension)	m ²	0,57 + 0,33	0,67 + 0,33
Standard wire dia/spacing	mm	8/10	8/10
Optional wire dia/spacing	mm	3,6/13,5	3,6/13,5
Rear beater			
Diameter	mm	380	380
Speed	rev/min	960	960
Separating system			
Straw walkers	number/type	4/closed bottom	5/closed bottom
Straw walker area	m ²	4,08	4,89
Total separation area	m ²	5	5,9
Cleaning system			
Type of sieves		closed, fully adjustable	closed, fully adjustable
Total area of sieves	m ²	3,10	3,60
Fan speed	rev/min	974-2075	974-2075
Fan type/number of rotors		turbine/2	turbine/2





		MF3640	MF5650
Grain tank			
Capacity - Unloading rate	litre - litre/sec	4500 - 43	5000 - 43
Tank full indicator		buzzer/light	buzzer/light
Engine			
Manufacturer/model		Perkins/1006-6 or Cummins/6BT	Perkins/1000-6T or Cummins/6BT
Number of cylinders/capacity	No./litre	6/ 5,95	6 turbo/5,95
SAEJ power (1995)	kW (hp)	90 (123)	95,6 (130)
Rated engine speed	rev/min	2400	2400
Fuel tank capacity	litre	330	330
Safety system gauges		water temperature/oil pressure	water temperature/oil pressure
Electrical system			
Alternator	V/A	12/90	12/90
Battery	Ah	135	135
Transmission			
Type		mechanical syncromesh	mechanical syncromesh
Number of speeds	forward/reverse	3/1	3/1
Forward speed grain/rice	km/h	1,5-27,90/1,00-18,50	1,5-27,90/1,00-18,50
4 wheel drive		optional	optional
Tyre options			
Grain versions	front/rear front/rear	18.4-26R1(10L)/10.0-16F2(8L) 18.4-30R1(10L)/10.0-16F2(8L)	23.1-30R1(10L)/10.0-16F2(8L) 23.1-30R1(10)/12.4-24R1(6)
Rice versions	front/rear front/rear rear option front/rear front/rear	23.1-26R1(14)/9.5-24R1(6) 23.1-26R2(10L)/9.5-24R1(6L) 12.4-24R1(6L) 23.1-26R2(10L)/14.9-24R1(6L)(4x4) Track 640/12.4-24R1(6L) Track 800/12.4-24R1(6L)	28.1-26R1(8)/12.4-24R1(6) 23.1-26R2(10L)/9.5-24R1(6L) 12.4-24R1(6L) 23.1-26R2(10L)+18.4-30R2/14.9-24R2(6L)(4x4) Track 640/12.4-24R1(6L) Track 800/12.4-24R1(6L)
Brakes			
Type/effective area	cm ²	discs / 78	disc / 78
Activation		hydraulic	hydraulic
Operator environment			
Air compressor		standard	standard
Steering/steering wheel column		hydrostatic/adjustable	hydrostatic/adjustable
Canopy		standard	standard
Air conditioning		optional	optional
Weights and dimensions			
Length with platform	grain/rice m	8,18/8,56	8,5/8,5
Height	grain/rice m	3,38/3,87	3,47/4,0
Width, less header	grain/rice m	3,14/3,14	3,32/3,32
Front tread width with dual tyres	rice m		4,55
Rear tread width	grain/rice m	2,59/2,58	2,88/2,77
Optional equipment			
Fieldstar. Small seed harvest kit. Tracks. Capacity monitor. Toothed bars for rear beater. Grease pump. Polyethylene sliding plates for table. Cab with air conditioning. Concave with 3,6 mm wire and 10 mm spacing. Protecting plates for rigid header. Concave closing plates. Round hole sieves; 3, 5, 8, 10, 12, 16 mm. Fixed air intake for radiator. Straw chopper. Toothed cylinder and concave. Dual tyres. Crop lifters. Straw spreader. Edible bean harvest kit.			