

MF 5S

SPECIFICATIONS

	MF 5S.105	MF 5S.115	MF 5S.125	MF 5S.135	MF 5S.145
ENGINE					
Engine Type	AGCO POWER - STAGE V with DOC + Soot Catalyst + SCR				
No. of cylinders/no. of valves/Capacity	4 / 4 / 4,400				
Bore / Stroke	108 / 120				
Aspiration	Turbo and intercooler				
Injection type	Common rail				
Fan type	Viscotronic				
Max hp	105	115	125	135	145
ISO hp (kW)					
Engine rpm at maximum hp	2,000				
Maximum torque @ 1,500 rpm	440	460	520	540	550
Nm					
Fuel tank capacity / AdBlue tank capacity	200 / 20				
Litre					
Maintenance Interval	600				
h					
TRANSMISSION					
Transmission Dyna-4 Semi-powershift gearbox with left-hand Power control					
Number of gears	16 x 16				
Fwd x Rev					
Min. Speed @ 1,400 rpm**	1.3				
km/h					
No. of speeds with supercreeper	32 x 32				
Fwd x Rev					
Min. Speed @ 1,400 rpm* with supercreeper	0.1				
km/h					
Transmission Dyna-6 Super-Eco Semi-powershift gearbox with left-hand Power control					
Min. Speed @ 1,400 rpm**	1.1				
km/h					
No. of speeds with supercreeper	48 x 48				
Min. Speed @ 1,400 rpm* with supercreeper	0.09				
km/h					
Super-Eco Transmission	40 km/h @ 1,530 rpm				
REAR LINKAGE AND HYDRAULICS					
Controls	Height/depth, MF draft control, intermix, max height, lowering rate, shock absorber				
Lower links type	Cat 3				
Cat					
Maximum lift capacity, at link end	6,000				
kg					
Maximum oil flow - Open Centre services pump	32 l/min supplying steering, brakes, diff lock, PTO, 4WD				
litres/minute					
Maximum oil flow - Standard Open Centre	58 l/mn supplying spool valve and linkage (ESSENTIAL)				
litres/minute					
Maximum oil flow - Optional Open Centre	100 l/mn supplying rear linkage & spool valves (ESSENTIAL)				
litres/minute					
Maximum oil flow - Optional Closed Centre	110 l/mn Load Sensing system (ESSENTIAL, EFFICIENT & EXCLUSIVE)				
litres/minute					
Max pressure	200				
Bar					

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POWER TAKE-OFF (REAR)					
Operation / control	Independent / Electro hydraulic				
Standard PTO speeds	540 / 540 Eco				
Optional PTO speeds	540 / 540 Eco / 1,000				
Engine speed at					
540/1,000 rpm	1,920 / 1,960				
540 Eco rpm	1,560				
PTO Shaft					
Standard	6 splines				
Optional	6 & 21 splines				
FRONT LINKAGE					
Maximum lift capacity	3,000				
kg					
FRONT POWER TAKE-OFF					
Type	Independent / Electro hydraulic / 6 splines				
PTO Speed	1,000				
rpm					
BRAKES					
Type	Electro-Hydraulic (oil cooled)				
DIFFERENTIAL LOCK					
Type	Hydralock rear axle and front axle				
REAR TYRES					
Standard					
Optional					
Optional					
WEIGHTS AND DIMENSIONS					
(May vary depending on configuration. Please consult your Dealer)					
Weight	4,800				
kg					
Maximum Gross vehicle weight	9,500				
kg					
HEIGHT					
(with standard tyres, approximate figure depending on tyre brand, pressure and load)					
Cab - Standard position with standard roof	2,744 mm with 18.4 R38 without beacon				
mm					
Cab - Low profile position with standard roof	2,666 mm with 18.4 R30 without beacon				
mm					
Wheelbase	2,550				
mm					
Turning circle - Radius ISO 783-3	4 meters with 1 700 mm track & 340/85 R24				
mm					
A - Wheelbase	2,550				
mm					
B - Overall length from front weight frame to rear linkage arms	4,331				
mm					
B - Overall length from front weights to rear linkage arms	4,951				
mm					
B - Overall length from front linkage (transport position) to rear linkage arms	4,488				
mm					
C - Height from rear axle to top of cab with standard roof Standard, flat floor cab	2,036 without beacon				
mm					
C - Height from rear axle to top of cab with Low Cab, flat floor cab	1,958 without beacon				
mm					
D - Width, with (min / max)	2,020 / 2,360				
mm					
E - Ground clearance (with 420/85 R 38 tyres)	274 with R34 tyre				
mm					

