

365/4 tractor

68 BS hp. 4 wheel drive



MASSEY FERGUSON

365/4

PERFORMANCE

Rated engine power
 @ 2200 rev/min *68 BS hp (50,7 kW)
 @ 2250 rev/min †62 DIN PS (45,7 kW)
 Max engine torque
 @ 1400 rev/min *243 Nm (†191 lbf ft)
 Max PTO power @
 rated engine speed #60,0 PS (44,2 kW)
 *BS Au 141a † DIN 70020
 # Manufacturer's estimate

ENGINE

Make/type	Perkins/A4.236
No. of cylinders	4
Injection	Direct
Bore	98,4 mm (3.875 in)
Stroke	127,0 mm (5.0 in)
Capacity	3,86 litre (236 in ³)
Compression ratio	16.0:1
Starting Aid	Thermostart
Throttle control	Hand and foot
Cooling	Water

Air cleaner	Oil bath or Dual dry element
Air pre-cleaner	over-bonnet, centrifugal or under-bonnet (dry only)
Fuel filter	Single, high capacity plus sedimenter
Exhaust	Vertical or horizontal

ELECTRICS

Voltage	12V negative earth
Alternator/starter	45 Amp/2,2 kW
Lights	Headlights, sidelights, brake lights, direction indicators, rear work lamp
Other	Horn, 7 pin trailer socket

CLUTCH

Live PTO models	Dual clutch 305 x 254mm (12 x 10 in) dia
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Independent PTO models	Split torque clutch, 305 mm (12 in) dia.
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POWER TAKE OFF

Live PTO models	Dual clutch, pedal operated
Independent PTO models	Hydraulic clutch, operated by single hand lever (shiftable on 2-speed models)
PTO speeds	
single speed	540 rev/min @ 1789 engine rev/min 540 rev/min @ 1902 engine rev/min 1000 rev/min @ 2000 engine rev/min
two speed (shiftable)	
Shaft diameter	35 mm (1.38 in)
No. of splines	6



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TRANSMISSION

8 speed sliding spur	8 forward, 2 reverse speeds
8 speed synchro	8 forward, 2 reverse speeds, synchromesh
Synchro 12	12 forward, 4 reverse speeds, synchromesh, manual change
12/12 Shuttle	12 forward, 12 reverse speed synchro shuttle, manual 'sideshift' change
18/6 Speedshift [†]	18 forward, 6 reverse speeds, synchromesh, manual 'sideshift' change with 2-speed on-the-move powershift [†]

[†]Please check availability with your dealer

Road speeds - at rated engine speed
16.9-30 rear tyres. (km/h)

For.	8/2	12/4	12/12	18/6
1	2,5	1,9	1,6	1,5
2	3,7	2,5	2,1	1,8
3	5,1	2,9	2,8	2,1
4	6,8	3,7	3,7	2,6
5	10,4	5,4	4,6	3,0
6	15,2	6,8	6,0	3,7
7	20,8	8,0	7,9	4,1
8	27,9	10,1	10,3	4,9
9		12,1	12,4	6,0
10		15,2	16,2	7,2
11		22,0	21,3	8,6
12		27,9	27,9	10,3
13				11,1
14				13,3
15				16,3
16				19,5
17				23,2
18				27,9
Rev.				
1	3,5	2,9	as	1,9
2	14,1	3,7	forward	2,3
3		12,1	speeds	5,4
4		15,2		6,5
5				14,6
6				17,5

HYDRAULICS

Functions	Draft, Position and Response control
Max. oil flow	
- standard flow pump	16,7 litre/min (3.67 Imp. gal/min)

- high flow pump	27,6 litre/min (6.07 Imp. gal/min)
Max pressure	207 bar (3000 lbf/in ²)
Max. lift capacity at link ends, links horizontal	
- Cat 1/2 links	2145 kg (4728 lb)
- Cat 2 links	2586 kg (5701 lb)
Lower links/Drawbar:	
Cat 1/2 interchangeable ball end. Cat 2 fixed ball end. Linkage check chains and chain stabilisers. Heavy duty swinging drawbar.	

AUXILIARY HYDRAULICS

Pump location	Engine mounted
Pump type	Dual element, gear
Max oil flow	36,0 litre/min (7.92 Imp. gal/min) @ 175 bar (2500 lbf/in ²)
Combined flow	
- standard flow pump	52,6 litre/min (11.57 Imp. gal/min)
- high flow pump	63,6 litre/min (13.99 Imp. gal/min)
Control	Selector valve
Spool valves	Up to 3 single/double acting, with spring-to-neutral, detent, detent/kick-out or float facilities available

STEERING

Type	hydrostatic
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4WD FRONT AXLE

Axle type	Parallel drive
Engagement*	Mechanical or electro-hydraulic
Differential [†]	Hydro-mechanical or automatic
Max. turning angle	50°
*varies by transmission specified	
[†] varies by hydraulics specified	

BRAKES

Type	Oil cooled, 4 plate disc
Braking area	1774 cm ² (275 in ²)
Operation	Hydraulic
Parking brake	Hand lever operated
Trailer brakes	Optional

OPERATOR AREA

Seat	Spring suspension
Fenders	Flat top, with tool box and basic tool kit

INSTRUMENTATION

Gauges: Tachometer/hourmeter, fuel, water temperature

Warning lights (*varies by tractor specification): Direction indicators, electric charge, headlight main beam, diff. lock engaged, handbrake, low fuel, low engine oil pressure, engine air cleaner blockage*, transmission oil pressure*, transmission oil filter blockage*, 4WD engaged

WHEELS AND TYRES

Front	11.2-24 6PR pressed
Rear	16.9-30 6PR pressed

TRACK ADJUSTMENTS

Front	1376-1944 mm (54-76 in)
Rear - pressed	1431-2131 mm (56-84 in)
- cast PAVT	1398-2109 mm (55-83 in)
- cast manual	1401-2217 mm (55-87 in)

WEIGHTS AND DIMENSIONS

With full fuel, oil and water.	11.2-24 front and 16.9-30 Pressed rear tyres/wheels.
Weight - front	1429 kg (3144 lb)
- rear	1546 kg (3401 lb)
- total	2975 kg (6545 lb)
Overall length	3760 mm (148.0 in)
Width - minimum	1871 mm (73.7 in)
Height, over	
- exhaust	2451 mm (96.5 in)
- steering wheel	1747 mm (68.8 in)
Wheelbase	2350 mm (92.5 in)
Turning circle	
- less brakes	8518 mm (335 in)
Ground clearance, under	
- drawbar	345 mm (13.6 in)
- 4WD axle	361 mm (14.2 in)

CAPACITIES

Fuel tank	108 litre (23.8 Imp.gal)
Engine sump	7,5 litre (13.2 Imp. pt)
Cooling system	15,2 litre (26.8 Imp.pt)
Hydraulic system	47,4 litre (10.3 Imp.gal)

VARIABLE EQUIPMENT

Range of gearbox options. Creeper gearbox. Live or independent PTO. Economy PTO. 21spline (1000 rev/min) PTO shaft. Standard or high flow linkage pump. Auxiliary hydraulic pump. Trailer tipping pipe. 3rd spool valve. Rigid stabilisers. Auto hitch. Height adjustable 2-axle trailer hitch. Hydraulic trailer brakes. Lift assister ram. Front weights. Wheel weights. O.E.C.D. tested safety frame. Seatbelt (for use with safety frame). Sunroof. Sun canopy. Tilt-adjustable steering column. Range of wheel and tyre options.



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Specifications are subject to change without notice and may vary from country to country. Please check with your distributor or dealer at the time of placing your order.