

McCormick C Series

73 – 102 engine hp




McCORMICK™

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The McCormick C Series tractors are built to handle everyday chores. With a Perkins-powered horsepower range of 73 to 102 hp, a standard synchromesh transmission with a low-range synchro reverser and high-hydraulic output, these rugged tractors are far from the no-frills units you'd expect in their class.



TECHNICAL DATA

	C70	C80	C90	C100													
ENGINE																	
Maximum engine power at rated speed, hp (kW)	73 (54)	84 (62)	90 (66)	102 (75)													
Maximum PTO power at rated speed, hp (kW)	60 (45)	67 (50)	74 (55)	83 (62)													
Rated speed, rpm	2200	2200	2200	2200													
Type	4 Cyl.	4 Cyl. turbo	4 Cyl. Wastegate	4 Cyl. Wastegate													
Displacement, cu in (L)	256 (4.2)	244 (4.0)	244 (4.0)	244 (4.0)													
Bore x stroke, in (mm)	4.1 x 5 (103 x 127)	3.9 x 5 (100 x 127)	3.9 x 5 (100 x 127)	3.9 x 5 (100 x 127)													
Maximum gross torque, ft-lb (Nm)	200 (271)	240 (325)	262 (355)	296 (402)													
Torque rise, %	37	32	24	30													
TRANSMISSION																	
Clutch type/diameter	Single dry diaphragm/11.96 in (304 mm)																
8 + 4 low range synchro reverser	Standard	Standard	Standard	Standard													
8 + 8 hydraulic shuttle	Optional	Optional	Optional	Optional													
16 + 8 2-speed powershift	Optional	Optional	Optional	Optional													
16 + 8 creeper	Optional	Optional	Optional	Optional													
POWER TAKEOFF																	
Clutch type	Hydraulically actuated, independent multi plate wet clutch																
Number of shafts/splines	2/6 & 21	2/6 & 21	2/6 & 21	2/6 & 21													
PTO speeds, rpm	540/1000	540/1000	540/1000	540/1000													
Engine rpm at PTO speed	2000/2000	2000/2000	2000/2000	2000/2000													
STEERING AND 4-WHEEL DRIVE																	
Steering type	Hydrostatic																
MFD engagement	Electro-hydraulic																
Steering angle, degrees	55	55	55	55													
Turning radius 2WD/4WD, ft (m)	8.8/8.9 (2.70/2.72)	8.8/8.9 (2.70/2.72)	8.8/8.9 (2.70/2.72)	8.8/8.9 (2.70/2.72)													
HYDRAULIC SYSTEM																	
System type	Open center																
Hydraulic pump output std/optional, gpm (L/min)	15.7/18 (60/68.9)	15.7/18 (60/68.9)	15.7/18 (60/68.9)	15.7/18 (60/68.9)													
# of remotes	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3													
Type of sensing	Mechanical																
Maximum lift capacity, lb (kg)	3665 (1663)	3665 (1663)	3665 (1663)	3665 (1663)													
With single assistor ram, lb (kg)	5097 (2312)	5097 (2312)	5097 (2312)	5097 (2312)													
CAPACITIES																	
Fuel tank, gal (L)	31.7 (120)	31.7 (120)	31.7 (120)	31.7 (120)													
Transmission/hydraulics, gal (L)	9.8/4WD (34.5/2WD 37.0/4WD)																
Alternator Amps	65	65	65	65													
WEIGHTS, DIMENSIONS AND TIRES																	
Weight with standard equipment 2WD, lb (kg)	5941 (2695)	5941 (2695)	5963 (2705)	5963 (2705)													
Weight with standard equipment 4WD, lb (kg)	6658 (3020)	6658 (3020)	6691 (3035)	6691 (3035)													
Weight distribution front/rear 2WD, %	33/67	33/67	33/67	33/67													
Weight distribution front/rear 4WD, %	40/60	40/60	40/60	40/60													
Wheelbase 2WD/4WD, in (mm)	84.3/88 (2142/2235)																
Ground clearance under pick up hitch, in (mm)	15 (381)	15 (381)	16.4 (416)	16.4 (416)													
Overall length, in (mm)	142 (3600)	142 (3600)	142 (3600)	142 (3600)													
Overall width, in (mm)	84.5 (2147) wide fenders																
Minimum Height (Add Tire Radius), in (mm)																	
Center rear axle – top of ROPS	70 (1778)	70 (1778)	70 (1778)	70 (1778)													
Center rear axle – top foldable ROPS (up)	64 (1626)	64 (1626)	64 (1626)	64 (1626)													
Center rear axle – top foldable ROPS (down)	50 (1270)	50 (1270)	50 (1270)	50 (1270)													
Tires front 2WD	10.00/16	10.00/16	11.00/16	11.00/16													
Tires front 4WD	11.2/24	11.2/24	11.2/24	11.2/24													
Tires rear	16.9/30	16.9/30	18.4/30	18.4/30													
C70, C80, C90 and C100 with 19mph/30 km/h trans. (8x4)																	
Gear	1	2	3	4	5	6	7	8									
Forward	1.62/2.7	2.7/4.32	3.6/5.85	4.7/7.6	6.4/10.3	10.4/16.7	13.4/22.5	18/28.9									
Reverse	2/3.3	3.3/5.2	4.3/7	5.7/9.1													
C70, C80, C90 and C100 with 19 mph/30 km/h trans. (8x8)																	
Gear	1	2	3	4	5	6	7	8									
Forward	1.62/2.7	2.7/4.32	4/6.4	4.7/7.6	6.4/10.3	10.4/16.7	15.2/24.5	18/28.9									
Reverse	1.7/3.3	3.4/5.5	4.6/7.4	6/9.5	8/12.9	13/21	17.6/28.4	22.7/36.5									
C70, C80, C90 and C100 with 19 mph/30 km/h trans. (16x8)																	
Gear	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Forward	1.4/2.3	1.6/2.7	2.3/3.6	2.7/4.32	3.4/4.9	3.6/5.85	3.9/6.3	4.7/7.6	5.2/8.5	6.4/10.3	8.6/13.8	10.4/16.7	11.5/18.7	13.4/22.5	15/24	18/28.9	
Reverse	1.6/2.7	2/3	2.7/4.3	3.3/5.2	3.6/5.9	4.3/7	4.7/7.6	5.7/9.1									
C70, C80, C90 and C100 with 19 mph/30 km/h trans. (16x8)																	
Gear	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Forward	0.2/0.3	0.3/0.5	0.4/0.7	0.6/0.9	0.8/1.3	1.3/2.1	1.7/2.8	2.2/3.6	1.62/2.7	2.7/4.32	3.6/5.85	4.7/7.6	6.4/10.3	10.4/16.7	13.4/22.5	18/28.9	
Reverse	0.22/0.35	0.39/0.63	0.58/0.93	0.91/1.46	2/3.2	3.2/5.2	4.3/7	5.7/9									

*C70, C80, C90 and C100 travel speeds are at rated engine speed (2200 rpm) and on 16.9/30 or 18.4/30 rear tires.

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