

107 HP

# C-MAX

110 SYNCHRO SHUTTLE - CAB / PLAT



**McCORMICK**

# C-MAX Series

## TECHNICAL DATA



	C-MAX 110 SYNCHRO SHUTTLE
<b>ENGINE</b>	
Perkins direct-injection engine	1104A-44T
Max. power (ISO) hp/kW	106,8 / 78,5
Rated speed rpm	2200
Max. torque Nm	400
Max. torque speed rpm	1400
Bore/stroke mm	105/127
Displacement cm <sup>3</sup>	4400
Compression ratio	18,2:1
Water cooling	●
Air filter	●
Fuel tank capacity lt.	102
<b>CLUTCH</b>	
Independent dry dual clutch in.	12
Mechanical control	●
<b>TRANSMISSION</b>	
Mech. rev. shuttle + Speed Four: 12FWD + 12REV	●
Mech. rev. shuttle + Speed Four+creeper: 24FWD + 12REV	○
Mech. rev. shuttle + Speed Four+overdrive: 24FWD + 12REV (40Km/h)	○
<b>POWER TAKE-OFF</b>	
Mechanical control	●
2 speeds 540/750 rpm	●
2 speeds 540/1000 rpm	○
1"3/8 (34,9 mm) PTO shaft with 6 splines	●
Ground speed PTO	●
Net PTO power (ISO) hp/kW	98 / 72
<b>4WD FRONT AXLE</b>	
Mechanical 4WD engagement	●
Max. steering angle	55°
Twin-Lock electrohydraulic diff-locks	●
<b>BRAKES</b>	
Hydrostatic control	●
Oil-immersed graphite-coated rear brakes	10 discs
Oil-immersed graphite-coated front brakes, 4 discs	●
IBS - Integral Braking System	●
<b>HYDRAULIC POWER LIFT</b>	
Draft, position, intermix and floating control functions	●
Mechanically operated	●
STD lifting capacity Kg	2600
Lifting capacity with 2 auxiliary cylinders Kg	4350 ○
Max. operating pressure bar	180
Hydraulic pump flow (Power Lift + Steering) lt/min	52 + 29,9
Cat 2 three-point linkage	●
STD auxiliary valves°	2
<b>CAB AND DRIVING SEAT</b>	
"Model Comfort" cab / auto-radio fitting facilities	●
Air-conditioning	○
Vertical exhaust+mechanically suspended seat	●
Tilttable steering column	●
Rear and front doors	●
Analog instruments	●
Reverse mech. shuttle lever applied to steering wheel	●
<b>DIMENSIONS AND WEIGHTS (IN RUNNING ORDER)</b>	
Front tyres	12.4-24
Rear tyres	18.4-30
Length (with ballast) mm	4160
Wheelbase 2WD/4WD mm	2341/2316
Ground clearance 4WD mm	407
Height over cab mm	2490
Height to ROPS mm	2542
Min. width mm	2063
Min. turning radius (with brakes) 4WD mm	3500
Min. turning radius (without brakes) 4WD mm	4100
Weight (without ballast) 4WD + (150 kg cab) Kg	3450
<b>TRACKS</b>	
Front track adjustment 4WD mm	1753-2154
Rear track adjustment mm	1608-2008
<b>OPTIONAL TYRES</b>	
Front 2WD	7.50-20
Rear 2WD	18.4-30
Front 2WD	7.50-20
Rear 2WD	380/80 R38
Front 2WD	9.00-16
Rear 2WD	16.9-34
Front 2WD	9.00-16
Rear 2WD	480/75 R34
Front 4WD	340/85R24
Rear 4WD	420/85R34
Front 4WD	380/70 R24
Rear 4WD	480/70R34
Front 4WD	440/65R24
Rear 4WD	540/65R34
Front 4WD	14.9-R24
Rear 4WD	18.4-R34
<b>OPTIONAL EQUIPMENT</b>	
7 front weights 36 kg each	○
Hydraulic trailer brakes	○
Sunroof	○

Key : ● standard - ○ option – not available

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