

# ECOMAXX SERIES



8000 - 9000 LB INTERNAL COMBUSTION  
ENGINE FORKLIFTS

## ECONOMICAL & ECOFRIENDLY

High Performance, Fuel Efficient & Low Emission at a Great Value

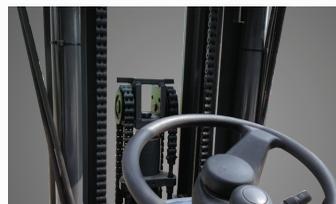
Model:  
ECO-FG40

The EcoMaxx Series of forklifts offers an ideal balance between performance, fuel efficiency and price. Find out how an EcoMaxx forklift can help your business today! Starke Material Handling Group is committed to providing a broad selection of the toughest trucks for even the most challenging applications.



### OPERATOR PRESENCE SYSTEM

Integrated into the ergonomic seat, the Operator Presence System locks out lift and travel functions and disengages the transmission should the operator leave the seat while the forklift is in use.

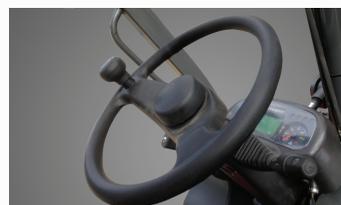


### WIDE VIEW MAST

Intelligent design and effective chain / hose placement provides better forward visibility. With a clearer view of the forks, operators are more efficient, accurate, and safe in load handling.



### INTEGRATED SAFETY FEATURES



### EASILY ACCESSIBLE CONTROLS



### RUGGED POWER TRAIN



### SOLID OVERHEAD GUARD



Meets or exceeds ANSI B56.1 Standards. Specifications, features, and images are provided for reference only and may be subject to change without prior notice.

Rev 04/2019



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## 8000 - 9000 LB INTERNAL COMBUSTION ENGINE FORKLIFTS

			ECO-FG40	ECO-FG45
Maximum Lift Capacity		LBS	8000	9000
Length	without fork	IN	113.8	128.3
Width		IN	55.5	57.5
Height	mast lowered	IN	89.4	89.4
	overhead guard		87	89
	mast extended (with backrest)		161.1	161.8
Fork Size LxWxH		IN	42 x 4.9 x 2.0	42 x 5.9 x 2.0
Wheelbase		IN	74.8	82.7
Overhang	Front	IN	19.5	22.4
Ground Clearance	Mast	IN	5.5	6.7
Lift Height (2-Stage)		IN	118.1 - 236.2	118.1 - 236.2
Lift Height (3-Stage Full Free Lift)		IN	141.7 - 236.2	141.7 - 236.2
Mast Tilt	Front / Rear	°	6 / 12	6 / 12
Max Lifting Speed	Laden	IN/S	12.6	15.0
Min. turning radius		IN	106.3	114.6
Min. insecting Aisle width		IN	106.3	115.0
Max driving Speed	Unladen	MPH	11.8	15.5
Load center		IN	24	24
Gradeability	Laden	%	20	20
Service Weight		LBS	11243	14726
Battery		V/Ah	12 / 80 x 2	12 / 80 x 2
Manufacturer			KUBOTA	PSI
Engine model			WG-2503-L	PSI 4.3
Rated output / r.p.m.		HP/RPM	40/2500	78/2300
Max. torque / r.p.m		LBF/RPM	200/1600	324/1700
No. of Cylinder			4	6
Bore x Stroke		IN	98 x 110	102 x 88
Displacement		CC	3300	4294

TYPE	MODEL	LIFT HEIGHT (IN)	LOAD CAPACITY (LB)		OVERALL HEIGHT (IN)			FREE LIFT (IN)		TILT ANGLE F/R (DEG)
			ECO-FG40	ECO-FD45	8000 - 9000 LB		8000 - 9000 LB			
					MAST LOWERED	MAST EXTENDED	MAST EXTENDED	MAST EXTENDED		
WIDE VIEW 2-STAGE MAST	M250	98.4	8000	9000	79.5	144.3	131.9	-	-	6/12
	M300	118.1	8000	9000	89.4	164.1	151.6	-	-	6/12
	M330	129.9	8000	9000	95.3	175.8	163.4	-	-	6/12
	M350	137.8	8000	9000	99.2	183.7	171.3	-	-	6/12
	M370	145.7	11000	9000	103.1	191.5	179.1	-	-	6/12
	M400	157.5	11000	9000	111.1	203.3	190.9	-	-	6/12
	M450	177.2	11000	8000	120.9	223.1	210.6	-	-	6/6
	M500	196.8	11000	7200	130.7	242.7	230.3	-	-	6/6
	M550	216.5	10470	5800	142.5	262.4	250.1	-	-	3/6
	M600	236.2	9700	4800	152.4	282.1	269.7	-	-	3/6
FULL FREE LIFT 2-STAGE MAST	Z250	98.4	11000	9000	79.5	144.3	131.9	29.3	47.1	6/12
	Z300	118.1	11000	9000	89.4	164.1	151.6	39.2	56.9	6/12
	Z330	129.9	11000	9000	95.3	175.8	163.4	45.1	62.8	6/12
	Z350	137.8	11000	9000	99.2	183.7	171.3	49.4	66.7	6/12
	Z370	145.7	11000	9000	103.1	191.5	179.1	52.9	70.7	6/12
	Z400	157.5	11000	9000	111.1	203.3	190.9	58.9	76.6	6/12
FULL FREE LIFT 3-STAGE MAST	S370	145.7	9920	9000	78.9	182.1	179.1	34.6	47.1	6/6
	S400	157.5	9920	8600	82.9	203.9	190.9	38.6	51.1	6/6
	S435	171.3	9920	8200	87.4	217.7	204.7	43.1	55.5	6/6
	S450	177.2	9920	7800	89.4	223.6	210.6	45.1	57.5	6/6
	S480	189.0	9920	7600	93.3	235.4	222.4	49.1	61.4	6/6
	S500	196.8	9920	7200	95.9	243.3	230.3	51.6	63.1	6/6
	S550	216.5	9259	5800	102.4	262.1	250.1	64.8	77.2	3/6
	S600	236.2	8818	4800	113.1	282.7	269.7	71.4	83.9	3/6



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