

**S** SERIES®

# THE NEW CLARK S40-60

Arriving in Dealer Showrooms in early 2022 the new CLARK S40 delivers the now legendary SMART STRONG SAFE standards to which CLARK is known.



## ■ SMART

This latest product in the CLARK S-SERIES lineup includes:

- High-resolution 5" Interactive Dash
- Engine/Powertrain Protection
- The CLARK Protection Plan of 2 years, 4,000 hours Carriage to Counterweight Warranty
- On-Board Diagnostics thru Display Screen
- Engine Performance Modes

## ■ STRONG

The new S40-60 forklift builds on the CLARK "Built to Last®" commitment, with strong features including:

- Fully Welded Heavy Gauge Frame
- Nested I-Beam Upright
- 6-Roller Carriage with External Side-Thrust Rollers
- Proven Steer Axles and Cooling Systems
- Force-Cooled Wet Disc Brakes

## ■ SAFE

CLARK products are rooted in safety, and the latest S-SERIES continues that tradition with great safety features including:

- Self-Activating Parking Brake
- Advanced Ergonomics for Operator Safety and Productivity
- Increased Operator Visibility
- Designed with Optimal Center-of-Gravity to Enhance Truck Stability
- Optional Speed Limit Control



# S40-60

IC - Pneumatic LPG/Diesel  
8000/9000/10,000/11,000/12,000 lbs.



## STANDARD SPECIFICATIONS

## S40/45/50/55/60

Manufacturer's Designation		S40D	S45D	S50D	S55D	S60D
Load Capacity / Rated Load	lbs.	8,000	9,000	10,000	11,000	12,000
Height Overhead Guard	in (mm)	91.5 (2325)	91.5 (2325)	91.5 (2325)	91.5 (2325)	91.5 (2325)
Width	in (mm)	54.3 (1380)	54.3 (1380)	68.1 (1730)	68.1 (1730)	68.1(1730)
Right Angle Stack (add load length and clearance)	in(mm)	129.9 (3299)	131.9 (3349)	135.7 (3445)	138.6 (3519)	141.0 (3580)
Outside Turning Radius	in(mm)	107.7 (2736)	109.7 (2786)	113.3 (2877)	115.8 (2941)	118.2 (3002)
Travel Speed Loaded/Unloaded	mph(km/h)	13.7(22.0)/13.0(21.0)	13.4(21.5)/14.0(22.5)	13.4(21.5)/14.0(22.5)	13.4(21.5)/14.0(22.5)	13.4(21.5)/14.0(22.5)
Power Unit	HP(KW)@rpm	Kubota V3800-CR 74.3 (55.4) @ 2200	Kubota V3800-CR 74.3 (55.4) @ 2200	Kubota V3800-CR 74.3 (55.4) @ 2200	Kubota V3800-CR 74.3 (55.4) @ 2200	Kubota V3800-CR 74.3 (55.4) @ 2200

Manufacturer's Designation		S40L	S45L	S50L	S55L	C60L
Load Capacity / Rated Load	lbs.	8,000	9,000	10,000	11,000	12,000
Height Overhead Guard	in (mm)	91.5 (2325)	91.5 (2325)	91.5 (2325)	91.5 (2325)	91.5 (2325)
Width	in (mm)	54.3 (1380)	54.3 (1380)	68.1 (1730)	68.1 (1730)	68.1 (1730)
Right Angle Stack (add load length and clearance)	in(mm)	129.9 (3299)	131.9 (3349)	135.7 (3445)	138.6 (3519)	141.0 (3580)
Outside Turning Radius	in(mm)	107.7 (2736)	109.7 (2786)	113.3 (2877)	115.8 (2941)	118.2 (3002)
Travel Speed Loaded/Unloaded	mph(km/h)	11.2(18.0)/11.6(18.7)	11.2(18.0)/11.6(18.7)	10.6(17.0)/11.2(18.0)	10.6(17.0)/11.2(18.0)	10.6(17.0)/11.2(18.0)
Power Unit	HP(KW)@rpm	Kubota WG3800 85.3 (63.6) @ 2200	Kubota WG3800 85.3 (63.6) @ 2200	Kubota WG3800 85.3 (63.6) @ 2200	Kubota WG3800 85.3 (63.6) @ 2200	Kubota WG3800 85.3 (63.6) @ 2200

## STANDARD FEATURES

- Kubota V3800T Diesel T4
- Optional Kubota WG3800 LPG
- CARB/EPA Compliant Engines
- Standard, Triple and Hi-Lo Uprights
- Full Range of Lift Heights
- High Visibility "Silent Staging" Uprights
- Two Speed Auto-Shift Transmission
- Forced Cooled Wet Disc Brakes
- Planetary Drive Axle
- Square Fin Aluminum Radiator
- Hood-Mounted Control Levers
- Power Steering
- Tilt Steering Wheel
- Grab Bar Handle with Horn Button
- Operator Presence System
- Full Suspension Vinyl Seat
- Orange Safety Seat Belt
- LED Lights
- Steering Wheel Spinner Knob



For more information on this model and full line of CLARK Forklifts, find your local CLARK Dealer at [www.clarkmhc.com](http://www.clarkmhc.com)

# KUBOTA



## CLARK introduces Kubota LPG engine for the S40-60 Series Lift Trucks

### FEATURES

- CARB and EPA Certified
- Environmentally Friendly
- Kubota WG3800 Engine
- Vaporizer and Pressure Regulator Combined Simplifies Fuel System Structure
- Lock-Off Valve Improves Safety



### RESULTS

- Peak Power of 85.3 hp is Achieved at 2200 rpm.
- Peak Torque of 208.3 ft.lbs. is Achieved at 1200 rpm.
- Power Output is Optimal in the rpm Range Where it is Most Needed

### SPECIFICATIONS

### S40-60 PNEUMATIC

1.1	Manufacturer		CLARK	CLARK	CLARK	CLARK	CLARK
1.2	Manufacturer's Designation		S40L	S45L	S50L	S55L	S60L
1.3	Drive unit Diesel, LPG, Gas		LPG	LPG	LPG	LPG	LPG
5.6	Max. drawbar pull loaded / unloaded	lbs.(N)	8223 (36578) / 6239 (27752)	8113 (36088) / 6063 (26970)	8366 (37214) / 6113 (27192)	8366 (37214) / 6113 (27192)	8444 (37561) / 6356 (28273)
5.8	Max. gradeability loaded / unloaded	%	37.0 / 32.0	35.0 / 30.0	28.0 / 22.0	26.5 / 20.0	24.5 / 19.0
7.1	Manufacturer / Type		Kubota WG3800 T4	Kubota WG3800 T4	Kubota WG3800 T4	Kubota WG3800 T4	Kubota WG3800 T4
7.2	Rated output per SAE J1349	HP/kW @ rpm	85.3 / 63.6	85.3 / 63.6	85.3 / 63.6	85.3 / 63.6	85.3 / 63.6
7.3	Rated speed	rpm	2200	2200	2200	2200	2200
7.4	No. of cylinders / displacement	# / cu. in. (Liters)	4 / 230 (3.8)	4 / 230 (3.8)	4 / 230 (3.8)	4 / 230 (3.8)	4 / 230 (3.8)
8.4	Sound level, driver's ear	dB(A)	80	80	80	80	80

# KUBOTA



## CLARK introduces Kubota diesel engine for the S40-60D Series Lift Trucks

### FEATURES

- Tier-4 Final / Kubota V3800 Engine
- Environmentally Friendly
- Diesel Oxidation Catalyst
- Exhaust Gas Recirculation
- Common Rail Direct Injection, Cold Start System
- Fuel Water Level Sensor, Stainless Exhaust Pipe
- No Diesel Particulate Filter
- No Regeneration (burn off) Cycles
- No UREA Additives



### RESULTS

- Peak Power of 74.3 hp is Achieved at 2200 rpm.
- Peak Torque of 228.6 ft.lbs. is Achieved at 1500 rpm.
- Power Output is Optimal in the rpm Range Where it is Most Needed

### SPECIFICATIONS

### S40-60D PNEUMATIC

1.1	Manufacturer		CLARK	CLARK	CLARK	CLARK	CLARK
1.2	Manufacturer's Designation		S40D	S45D	S50D	S55D	S60D
1.3	Drive unit Diesel, LPG, Gas		Diesel	Diesel	Diesel	Diesel	Diesel
5.6	Max. drawbar pull loaded / unloaded	lbs.(N)	7738 (34420) / 4475 (19906)	8091 (35991) / 4960 (22063)	8157 (36284) / 5035 (22397)	8157 (36284) / 5035 (22397)	8091 (35991) / 4982 (22161)
5.8	Max. gradeability loaded / unloaded	%	32.6 / 27.0	31.0 / 26.5	25.0 / 26.5	25.0 / 26.5	26.8 / 26.0
7.1	Manufacturer / Type		Kubota V3800 T4	Kubota V3800 T4	Kubota V3800 T4	Kubota V3800 T4	Kubota V3800 T4
7.2	Rated output per SAE J1349	HP/kW @ rpm	74.3 / 55.4	74.3 / 55.4	74.3 / 55.4	74.3 / 55.4	74.3 / 55.4
7.3	Rated speed	rpm	2200	2200	2200	2200	2200
7.4	No. of cylinders / displacement	# / cu. in. (Liters)	4 / 230 (3.8)	4 / 230 (3.8)	4 / 230 (3.8)	4 / 230 (3.8)	4 / 230 (3.8)
8.4	Sound level, driver's ear	dB(A)	80	80	80	80	80