



Power: 36 kW (49.5 PS) @ 2200 rpm

FORKLIFTS

VF20 & VF40

Delivering Consistent Power, Superior Control, and Maximum Productivity in Every Shift.

SIMPSON
BSVCEV

KUBOTA
ENGINE

2.0-3.0
TONS

WEIGHT
CAPACITY

2*2 / 4*2
(OPTIONAL)

DRIVE
CONFIGURATION

FORKLIFTS

FORKLIFTS SPECIFICATIONS

GENERAL	VF20	VF40
Power	Diesel	Diesel
Load Capacity	2000 KG	3000 KG
Load Center	500	500
Fork Size (LxWxT)	1070x122x40	1070x125x45

TRANSMISSION	VF20	VF40
Number of Speeds - Fwd / Rev	• 1/1 (Automatic) or 2/2 (Manual Shift) • 2/2 (Fluid coupling with Manual Shift)	

WEIGHT	VF20	VF40
Service Weight	3400/3900 KG	4410/4900 KG
With Load (Front)	4765/5225 KG	6520/6980 KG
With Load (Rear)	635/675 KG	890/920 KG
Without Load (Front)	1555/1800 KG	1780/2030
Without Load (Rear)	1845/2100 KG	2630/2870 KG

TYRES	VF20	VF40
Drive (Single/Dual), No of Wheels (Frontx Rear)	2x2 4x2 (Optional)	
Tyre Front Size	7.00-12-12PR	28x9-15-12PR
Tyre Rear Size	6.00-9-1 0PR	6.50-10-10PR

WEIGHT	VF20	VF40
Travel (Fwd/Rev) with Load	17.5 / 17 KM/H	18.5 / 17 km/h
Travel (Fwd/Rev) without Load	20 / 18 KM/H	20 / 18 km/h
Lifting with load	400 KM/H	300 km/h
Lifting Without Load	500 KM/H	375 km/h
Lowering with Load	550 KM/H	560 km/h
Lowering Without Load	500 KM/H	350 km/h

PERFORMANCE	VF20	VF40
Gradeability (Laden/Unladen)	19.5/20 % (11.03/11.31 Deg)	18.5/19.5 % (10.48/11.03 Deg)

BRAKS	VF20	VF40
Service	Hydraulic-Foot Pedal	
Parking	Mechanical-Hand Lever	

BATTERY	VF20	VF40
Voltage / Capacity	12V / 70Ah	

ENGINE	VF20	VF40
Make/ Model	SIMPSON	
Rated Horsepower	36 KW (49.5 PS) @ 2200 RPM	
Rated Torque	215 NM@1200 RPM	
Emission Norms	BS VCEV	
Number of Cylinders	4	
Displacement	3.45 LTRS.	

BRAKS	VF20	VF40
Fuel Tank Capacity	60 Ltrs.	
Operating Pressure for Attachment	175 KG	

MACHINE	VF20		VF40	
	AUTO/ MECH	FC	AUTO/ MECH	FC
Overall height fork raised (with load backrest)	4000		4300	
Max. fork height (Standard Model)	3000		3000	
Overall height fork lowered (from upper face of forks)	2035		2305	
Backrest height (from upper face of forks)	1000		1220	
Free lift	140		140	
Fork thickness	40		45	
Min. clearance (bottom of mast)	110		120	
Min. clearance (bottom of chassis)	125		150	
Overall length (with forks)	3690	3805	3860	4025
Overall length (without forks)	2620	2735	2790	2910
Fork length	1070		1070	
Front overhang	470		470	
Wheel base	1640	1810	1700	1850
Rear overhang	510		620	
Coupler height	300		375	
Overhead guard clearance (from face of seat)	970		985	
Overall height (overhead guard)	2130		2130	
Overall width (SD/DD)	1215/1670		1220/1680	
Lateral fork adjustment (SD/DD)	250~1020/ 250~1420		250~1060/ 250~1440	
Trade (front) (SD/DD)	980/1420		1000/1460	
Trade (Rear)	985		990	
Fork width	122		125	
Inside turning	500		550	
Outside turning Radius (SD/DD)	2210\ 2650	2450/ 2850	2635/ 2840	2910/ 3150
Min. intersecting aisle	1950	2150	2120	2330
Tilting angles	6Q ~ 12 g			

