



Power: 42 KW @ 2600 rpm

VS75

SKID STEER LOADER

A compact, multi-purpose machine built for construction, landscaping, agriculture, and industrial use.

KOHLER

BS V MODEL

750KG

LIFTING
CAPACITY

6 IN 1

BUCKET

DIMENSIONS	MM/DEG
Length with bucket	3475
Length without bucket	2570
Width over tyres	1650
Overall Height	1950
Ground clearance	210
Departure angle rear	26
Wheelbase	1023
Turning radius rear corner	2110
Turning radius bucket corner	2680
Pin height	3022
Dump angle	40
Dump Height	2280
Reach at dump height	642
Roll back angle at ground	30
Max reach at full height	4000
Bucket width (Standard)	1708

FEATURES
Multi-disc parking brakes
Gear drive
Front cab access
Fuel water trap
Hydraulic parallel lift
Adjustable seat
Instruments audio/visual
Instruments
Dual element air cleaner
Chassis-rigid fully welded high tensile steel structure
Roof window for enhanced operating visibility.
Rear window for emergency exit.
Heavy duty gear boxes with slip-free gears.
Axles of high ductile forgings, self lubricating.
Mechanical hitch for quick change of attachments.
Ergonomically designed seat, user friendly controls.
Visual and audio warning to prevent system failures.
Adequate inbuilt safety measures for operator/machine.
Hydraulic tilt back cabin for maintenance ease.

TYRES	
Front/ rear	10X16.5-10/8PR (Pneumatic)
Max. travel speed	13 kmph

TRANSMISSION
Hydrostatic 4X4 independent drive through Tandem variable axial piston pumps Fixed displacement low speed high torque motors
Steering system All wheel steer
Hydraulic pump system type Gear type
Final drive through positive gear drive (Train)

SPECIFICATION	
SAE Operating weight	2900 Kgs
Standard bucket capacity	0.46 cu m.
Time to raise lift arms fully	3-5 Sec.
Breakout force-bucket	18850 Nm
Breakout force-lift arm	14450 Nm
Tipping load maximum reach	1200 Kgs
Type of fuel	Diesel
Number of forward speed	One
Number of reverse speed	One

STANDARD FEATURES
Auxiliary hydraulics
Cab - swing up
Tubeless tyres
Key stop
Lift arm stop
Lifting eyes
Working light
Quick hitch
Roof window
Safety Seat belt
Cabin light
Rear window for emergency exit
Hydraulic clog indicator
Fuel clog indicator
Cab with front door lock
Rear view mirrors
Wiper motor with wiper blade
Cabin fan
Head lights with side indicators
Tool kit
4 chamber tail lamps

HYDRAULICS	
Engine driven gear pump with valve block, twin arms lift cylinder with end cushion and bucket cylinders.	
Flow (Liters per min)	80
Working pressure (bar)	175

ELECTRICALS	
12 volts negative earth system with battery isolator	
Battery	130AH
Low maintenance alternator	80AMP
Starter motor	12V

BRAKES
Service brake: Hydraulically activated and released multi plate Fade free breaks from integral part of drive motors.
Parking brake: Electrically activated

CAPACITIES	LITERS
Fuel tank	62
Engine lub oil	14
Engine coolant	14
Transmission	16
Hydraulic system	62

PERFORMANCE	KGS
Rated operating capacity for lifting	750
Tipping load	1200

ENGINE
BS V Model
Kohler KDI 1903 TCR CEV-V
42 KW @ 2600 rpm 3 Cylinder, Diesel Engine
Naturally Aspirated

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ATTACHMENTS	
6 IN 1 Bucket	Snow blower
Sweeper collector	Rubber tracks
Ripper tooth	Post hole borer
Backhoe	Shredder
Excavator Bucket: 300mm,450mm,600mm	
Ditch Cleaning bucket.	Snow Blade
Pallet Forks	Stump Grinder
Industrial grappler	Trencher
Rock breaker	Side Tip Bucket
Snow blower	High Tip Bucket

OPTIONAL	Varying capacities upto 0.65 cum, limited to machine rating operating capacity.	Servo Variant also available
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