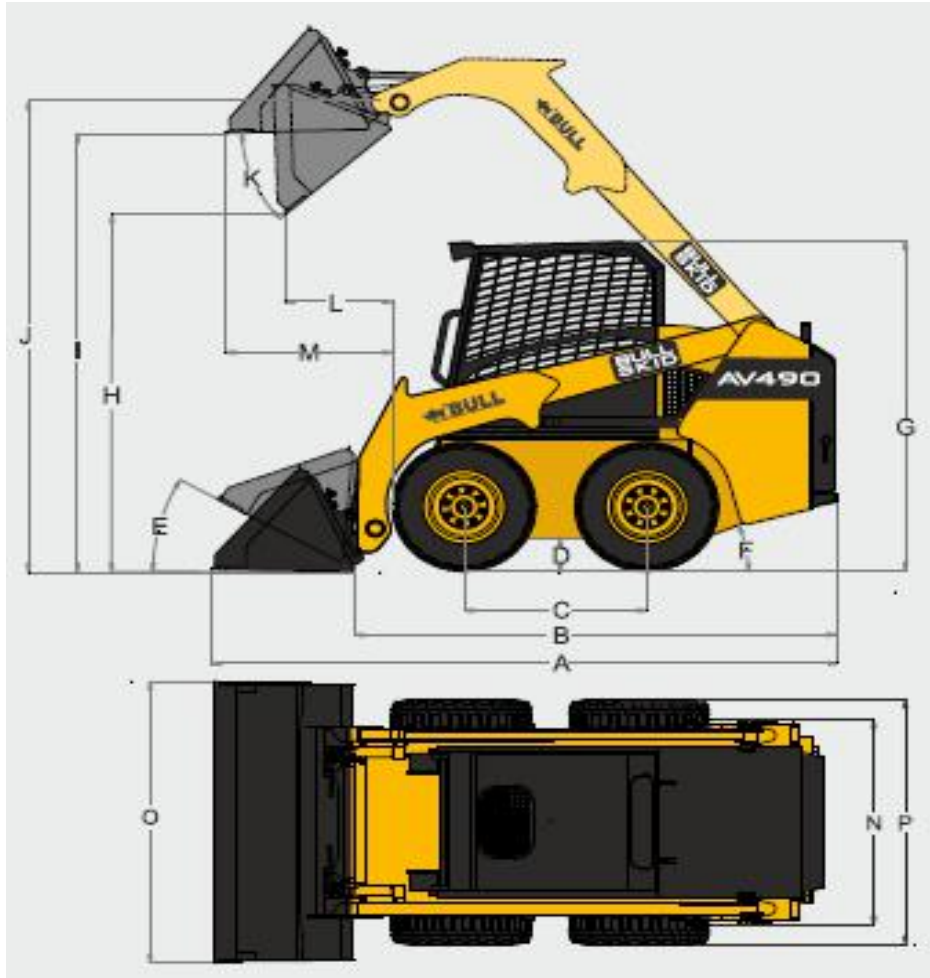


SKID STRESS LOADER COMPARISION - BULL/BOBCAT/JCB

OVERALL DIMENSIONS



S.No	Parameter		UOM	BULL SKID AV490	BOBCAT S450	CAT 216 B3	JCB ROBOT 135
1	A	Over all length	mm	3282	3173	3233	3490
2	B	Length without attachemnet	mm	2511	2502	2519	--
3	C	Wheel Base	mm	980	900	986	1070
4	D	Ground Clearance	mm	204	213	195	210
5	E	Roll Back at ground	Deg	30	28	--	30
6	F	Angle of Departure	Deg	27	23	26	25
7	G	Over all Height	mm	1970	1976	1950	1980
8	H	Dump Height	mm	2160	2157	2169	2260
9	I	load over height	mm	2646	--	--	2840
10	J	Height to hinge pin fully raised	mm	2813	2781	2854	3000
11	K	Dump angle	Deg	42	40	40	42
12	L	Reach at full height-fully dumped	mm	588	587	505	560
13	M	Max reach at full height	mm	910	--	1291	910
14	N	Track width with spec tyre	mm	1245	1222	--	--
15	O	Bucket Width	mm	1580	1575	--	1520
16	P	width over tyres	mm	1500	1488	1525	1520
17		Turning radius	mm	2039	1941	1944	2090

MACHINE RATING						
1	Rated Operatng Capacity	kg	604	608	635	612
2	Tipping Load	kg	1208	1215	1270	1224
3	Pump Capacity	lpm	60	63.2	61	70
4	System Relief Pressure	Mpa	23	22.4 / 23.1		23
5	Max Travel Speed	Km/Hr	14	11.4	12.7	12
6	Operating weight	Kg	2610	2365	2581	2770

ENGINE RATING						
1	Make & Model	-	KUBOTA V2403	KUBOTA V2203	CAT C2.2	PERKINS 404D-22
2	Fuel Type	-	Diesel	Diesel	Diesel	Diesel
3	Cooling	-	Liquid	Liquid	Liquid	Liquid
4	Max. Power @2700 rpm	kW	36.5	36.4	38	37.3
5	Max. Torque	Nm	158.6	149.8		143
6	No.of Cylinders	Nos	4	4	4	4

ELECTRICAL SPECIFICATION						
1	Batery	V	12	12	12	12
2	Alternator	A	90	-		65

CAPACITY						
1	Fuel	L	48	54.5	58	98
2	Engine Oil	L	9.5	9.5	10	10
3	Coolant	L	7.2	8.4	10	15
4	Hydraulic System	L	65	40	55	69
5	LH Chain Case	L	10	35	6	19
6	RH chain Case	L	10	-	6	19

DRIVE SYSTEM						
1	Transmission	-	Hydrostatc Drive with hydraulic pilot operated variable displacement tandem pump with heavy duty redial piston bidirectonal motor.	Infnitely variable Tandem hydrostatc piston pumps, driving two fully reversing hydrostatic Motors by manual lever on either side	Hydrostatic Drive Similar to BULL	Hydrostatic Drive Similar to BULL

CONTROLS						
1	Vehicle steering	-	Skid steering, controlled by left hand side joystick	Directon & speed controlled by two hand levers on either side	Skid steering, controlled by left hand side joystick	Skid steering, controlled by left hand side joystick
2	Loader Hydraulic tilt and luft	-	Single Joystick on Right side	Separate foot pedals	Single Joystick on Right side	Single Joystick on Right side
3	Front Auxiliary	-	Availabe	Available	Available	Available

TYRE						
1	Tyre	-	10X16.5-10 PR Heavy/Medium Duty & Solid tyre	10X16.5-10 PR & Soild tyre	10X16.5-10 PR & Soild tyre	10X16.5 – 10 PR Heavy Duty & Solid tyre

ADDITIONAL FEATURE						
1	Pump input drive		Direct Coupling	Belt drive	Direct Coupling	Direct Coupling
2	Additional Front Headlamp on loader Arm		Standard	Optional	Optional	Optional
3	Rear view camera		Standard	Not available	Not available	Not available
4	TFT touch screen cluster		Yes	No	No	No
5	Precleaner		Standard	Not available	Not available	Not available
6	Foot accelerator		Standard	Not available	Not available	Not available
7	Music player		Standard	Not available	Not available	Not available
8	Fuel Consumpton	L / Hr	Minimum 0.5 Lit/ Hr Saving	--	--	--