



MEDIUM EXCAVATORS

JB 155F | JB 155UF | JB 155UF-2PB

Engine Power: **90 – 93 kW**

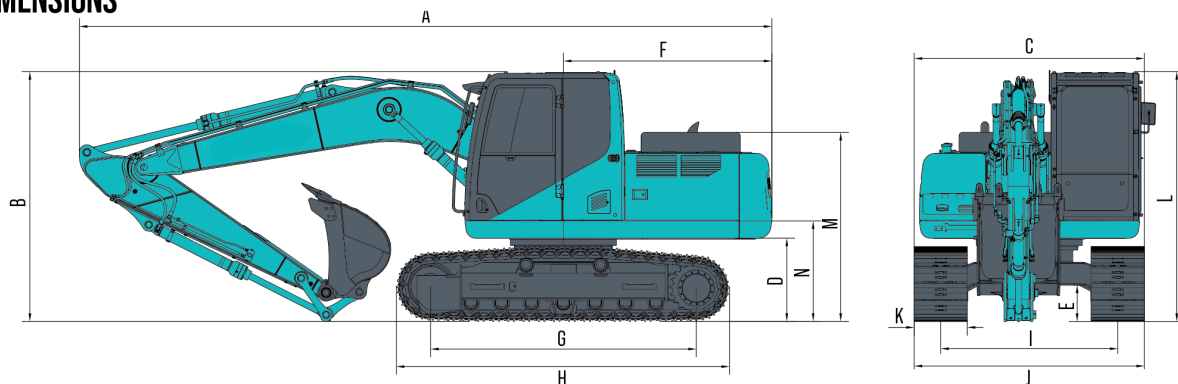
Machine Weight: **15 700 – 17 000 kg**



TECHNICAL PARAMETERS

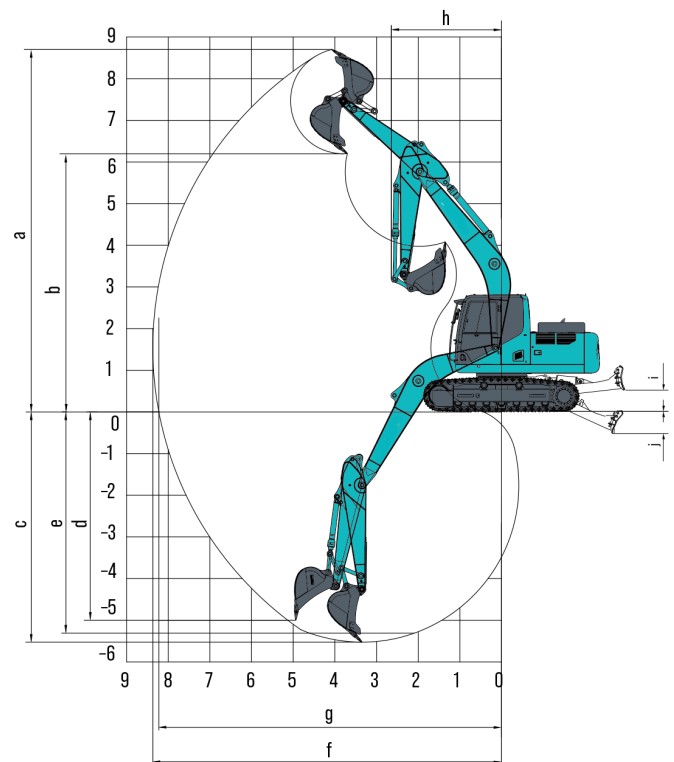
			JB 155F	JB 155UF	JB 155UF-2PB
TYPE OF CAB			Cab	Cab	Cab
BUCKET CAPACITY			0.61 m³	0.61 m³	0.61 m³
BUCKET WIDTH, STD.			940 mm	940 mm	940 mm
MACHINE WEIGHT			15 600 kg	16 500 kg	17 000 kg
DIMENSIONS		Boom Length	4 600 mm	4 600 mm	1 980 mm + 2 820mm
		Arm Length	2 500 mm	2 500 mm	2 500 mm
		Overall dimension (L × W × H)	8 250 * 2 600 * 2 950 mm	7 345 * 2 600 * 2 950 mm	8 250 * 2 600 * 2 950 mm
	A	Total Length	8 250 mm	7 345 mm	8 250 mm
	B	Total Height	2 850 mm	2 950 mm	2 950 mm
	C	Total Width	2 600 mm	2 600 mm	2 600 mm
	D	Counterweight ground clearance	940 mm	935 mm	935 mm
	E	Mini ground clearance	410 mm	410 mm	410 mm
	F	Tail swing radius	2355 mm	1490 mm	1490 mm
	G	Track length on the ground	3 000 mm	3 000 mm	3 000 mm
	H	Track Length	3 765 mm	3 760 mm	3 760 mm
	I	Track gauge	2 000 mm	2 000 mm	2000 mm
	J	Undercarriage Width	2 600 mm	2 600 mm	2 600 mm
	K	Trackshoe width	600 mm	600 mm	600 mm
	L	Cab height	2 850 mm	2 885 mm	2 885 mm
	M	Height of engine hood	2 145 mm	2 600 mm	2 600 mm
	N	Width of turntable	2 490 mm	2 490 mm	2 490 mm
SPECIFICATION		Operating weight	15 600 kg	16 500 kg	17 000 kg
		Bucket capacity	0.61 m³	0.61 m³	0.61 m³
ENGINE		Brand	Cummins		
		Emmission Rating	EU Stage V		
		Model	QSF3.8		
		Type	4 Stroke, Turbo Charged, Air cooled, Direct In		
		Power	93 kW/2 200 rpm	90 kW/2200 rpm	90 kW/2200 rpm
		Max Output Torque	500 Nm/1500 rpm	501 Nm/1500 rpm	502 Nm/1500 rpm
HYDRAULIC SYSTEM		Displacement	3.8 L		
		Hydraulic pump type	Variable Piston Pump	Variable Piston Pump	Variable Piston Pump
		Max displacement of hydraulic pump	2×126.4 L/min	300 L/min	300 L/min
		Hydraulic pressure of hydraulic pump	34.3 Mpa	31.4/34.3 Mpa	31.4/34.3 Mpa
		Pilot pump	Gear Pump	Gear Pump	Gear Pump
		Max displacement of pilot pump	20 L/min	18 L/min	18 L/min
PERFORMANCE		Hydraulic pressure of pilot pump	3.9 Mpa	3.5 Mpa	3.5 Mpa
		Swing speed	11 rpm	11.2 rpm	11.2 rpm
		Travel Speed	5.3~3.2 km/h	5.3~3.5 km/h	5.3~3.5 km/h
		Gradeability	35 °	30 °	30 °
TANK CAPACITY		Ground Pressure	36.8 kPa	40.7 kPa	42 kPa
		Fuel Tank Capacity	245 L	180 L	180 L
TRACK		Hydraulic Oil Tank Capacity	150 L		
			600 mm steel track		
			700 mm steel track		
			800 mm steel track		

DIMENSIONS



WORKING RANGE

			JB 155F	JB 155UF	JB 155UF-2PB
WORKING RANGE & BREAKOUT FORCE	a	Max. cutting height	8 640 mm	8 700 mm	9 645 mm
	b	Max. loading height	6 145mm	6 200 mm	7 140 mm
	c	Max. digging depth	5 525 mm	5 525 mm	5 600 mm
	d	Max. digging depth (2.4 m)	5 320 mm	5 326 mm	5 490 mm
	e	Max. vertical digging depth	4 930 mm	5 140 mm	4 635 mm
	f	Max. digging reach	8 330 mm	8 370 mm	8 490 mm
	g	Max. reach on ground	8 150 mm	8 225 mm	8 345 mm
	h	Min. front swing radius	2 530 mm	2 640 mm	2 095 mm
	i	Max dozer lifting height	532 mm	540 mm	540 mm
	j	Max dozer cutting depth	628 mm	625 mm	625 mm
		Max digging force (Bucket)	100 kN	100 kN	100 kN
		Max digging force (Arm)	76 kN	76 kN	76 kN



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