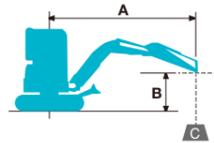


LIFTING CAPACITIES



Rating over front



Rating over side or 360 degrees

A: Reach from swing centerline to bucket hook
 B: Bucket hook height above/below ground
 C: lifting capacities in kilograms
 Shoe: Rubber shoe Dozer blade: Up
 Relief valve setting: 23.0 MPa

SK55SRX Cab		Arm: 1.69 m, Bucket: Less Rubber shoe: 400 mm												
		1.0 m		2.0 m		3.0 m		4.0 m		5.0 m		At Max. Reach		Radius
		Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	
5.0 m	kg											*1,030	*1,030	3.38 m
4.0 m	kg							*930	*930			960	810	4.47 m
3.0 m	kg							*1,000	970	800	670	780	660	5.07 m
2.0 m	kg					*1,620	1,430	1,110	930	790	660	700	590	5.37 m
1.0 m	kg					1,640	1,320	1,060	880	770	640	680	570	5.43 m
G. L.	kg			*1,240	*1,240	1,590	1,280	1,030	850	750	630	700	580	5.27 m
-1.0 m	kg	*2,070	*2,070	*2,570	2,490	1,580	1,270	1,020	840			780	650	4.85 m
-2.0 m	kg	*3,200	*3,200	*3,370	2,540	1,610	1,290	1,040	860			1,010	840	4.09 m
-3.0 m	kg			*1,590	*1,590							*1,190	*1,190	2.52 m

SK55SRX Cab		Arm: 1.69 m, Bucket: Less Rubber shoe: 400 mm Add-on Counterweight (250 kg)												
		1.0 m		2.0 m		3.0 m		4.0 m		5.0 m		At Max. Reach		Radius
		Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	
5.0 m	kg											*1,030	*1,030	3.38 m
4.0 m	kg							*930	*930			*1,000	920	4.47 m
3.0 m	kg							*1,000	*1,000	910	770	890	750	5.07 m
2.0 m	kg					*1,620	1,610	*1,220	1,050	890	760	800	680	5.37 m
1.0 m	kg					1,850	1,510	1,210	1,010	870	740	770	650	5.43 m
G. L.	kg			*1,240	*1,240	1,800	1,460	1,180	980	860	720	800	670	5.27 m
-1.0 m	kg	*2,070	*2,070	*2,570	*2,570	1,800	1,450	1,170	970			890	750	4.85 m
-2.0 m	kg	*3,200	*3,200	*3,370	2,880	1,820	1,480	1,190	990			1,150	960	4.09 m
-3.0 m	kg			*1,590	*1,590							*1,190	*1,190	2.52 m

SK55SRX Canopy		Arm: 1.69 m, Bucket: Less Rubber shoe: 400 mm												
		1.0 m		2.0 m		3.0 m		4.0 m		5.0 m		At Max. Reach		Radius
		Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	
5.0 m	kg											*1,030	*1,030	3.38 m
4.0 m	kg							*930	*930			940	790	4.47 m
3.0 m	kg							*1,000	940	780	650	760	640	5.07 m
2.0 m	kg					*1,620	1,390	1,080	900	760	640	680	570	5.37 m
1.0 m	kg					1,590	1,280	1,030	860	740	620	660	550	5.43 m
G. L.	kg			*1,240	*1,240	1,540	1,240	1,000	830	730	610	680	570	5.27 m
-1.0 m	kg	*2,070	*2,070	*2,570	2,420	1,530	1,230	990	820			760	630	4.85 m
-2.0 m	kg	*3,200	*3,200	*3,370	2,470	1,560	1,260	1,010	840			980	810	4.09 m
-3.0 m	kg			*1,590	*1,590							*1,190	*1,190	2.52 m

SK55SRX Canopy		Arm: 1.69 m, Bucket: Less Rubber shoe: 400 mm Add-on Counterweight (250 kg)												
		1.0 m		2.0 m		3.0 m		4.0 m		5.0 m		At Max. Reach		Radius
		Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	Rating over front	Rating over side or 360 degrees	
5.0 m	kg											*1,030	*1,030	3.38 m
4.0 m	kg							*930	*930			*1,000	900	4.47 m
3.0 m	kg							*1,000	*1,000	880	750	860	730	5.07 m
2.0 m	kg					*1,620	1,570	*1,220	1,030	870	740	780	660	5.37 m
1.0 m	kg					1,800	1,470	1,180	980	850	720	750	640	5.43 m
G. L.	kg			*1,240	*1,240	1,750	1,420	1,140	950	840	700	780	650	5.27 m
-1.0 m	kg	*2,070	*2,070	*2,570	*2,570	1,750	1,420	1,140	940			870	730	4.85 m
-2.0 m	kg	*3,200	*3,200	*3,370	2,810	1,770	1,440	1,160	960			1,120	940	4.09 m
-3.0 m	kg			*1,590	*1,590							*1,190	*1,190	2.52 m

- Notes:**
- Do not attempt to lift or hold any load that is greater than these lift capacities at their specified lift point radius and heights. Weight of all accessories must be deducted from the above lift capacities.
 - Lift capacities are based on machine standing on level, firm, and uniform ground. User must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, experience of personnel, etc.
 - Arm top pin is defined as lift point.
 - The above lifting capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Lifting capacities marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
 - Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine. Rules for safe operation of equipment should be adhered to at all times.
 - Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

Note: This catalog may contain attachments and optional equipment that are not available in your area. And it may contain photographs of machines with specifications that differ from those of machines sold in your areas. Please consult your nearest KOBELCO distributor for those items you require. Specialist equipment is needed to use this machine in demolition work. Before using it please contact your KOBELCO dealer. Due to our policy of continuous product improvements all designs and specifications are subject to change without advance notice. Copyright by **KOBELCO CONSTRUCTION MACHINERY CO., LTD.** No part of this catalog may be reproduced in any manner without notice.

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SK55SRX-EU-101-14053000EF

KOBELCO

SK55SRX-6

MINI EXCAVATOR SK55SRX



We Save You Fuel
Achieving a Low-Carbon Society

Full-Size Performance, Short-Radius Agility and Quiet Operation

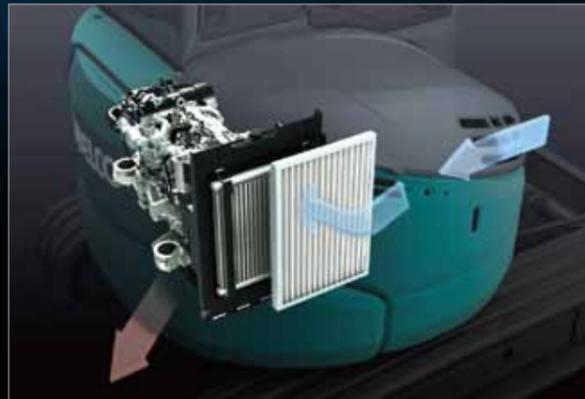
COMPACT YET TOUGH MINI

Now KOBELCO has taken the next evolutionary step by packing even more digging power and practical performance features into the SK55SRX while maintaining a short tail swing. The new Energy Conservation Mode saves even more fuel, and Kobelco's proprietary iNDr Cooling System ensures quiet operation, protection from dust, and easy maintenance. For greater operator comfort and safety, the rectangular cab design offers plenty of room and an unobstructed view. It all adds up to enhanced full-size performance, short-radius agility and a low-noise environment, with exceptional performance features and a full range of value-added functions.



Integrated
Noise & Dust
Reduction
Cooling System

The highly airtight engine compartment and the offset duct contribute to noise reduction. The iNDr filter fitted in front of the cooling system ensures easy cleaning. The iNDr system on the SK55SRX features air intake at the front of the machine and air exhaust underneath. It function in the same way as the iNDr System on the SR series machines.



ENVIRONMENT

iNDr Cooling System

The Revolutionary Integrated Noise and Dust Reduction Cooling System



The highly airtight engine compartment and the offset duct contribute to noise reduction. The iNDr filter fitted in front of the cooling system ensures easy cleaning. The iNDr system on the SK55SRX features air intake at the front of the machine and air exhaust underneath. It functions in the same way as the iNDr System on the SR series machines.



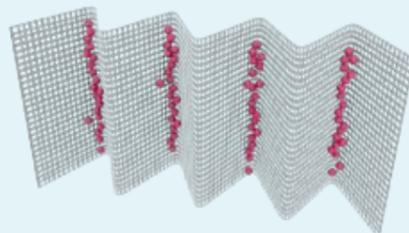
Visual Checking and Easy Cleaning

Because the iNDr filter removes dust from the intake air, cooling components stay dirt-free and do not require regular cleaning. The iNDr filter itself can be easily removed and cleaned without the use of tools.



iNDr Filter

The stainless-steel filter is extremely effective against dust, with 30-mesh wave-type screen that removes tiny dust particles from the intake air.



•30-mesh means that there are 30 holes formed by horizontal and vertical wires in every square inch of filter.

iNDr Filter Blocks Out Dust

Outside air goes directly from the intake duct through the iNDr filter for dust removal.



Ultimate Low Noise

KOBELCO's exclusive iNDr Cooling System delivers amazingly quiet operation.



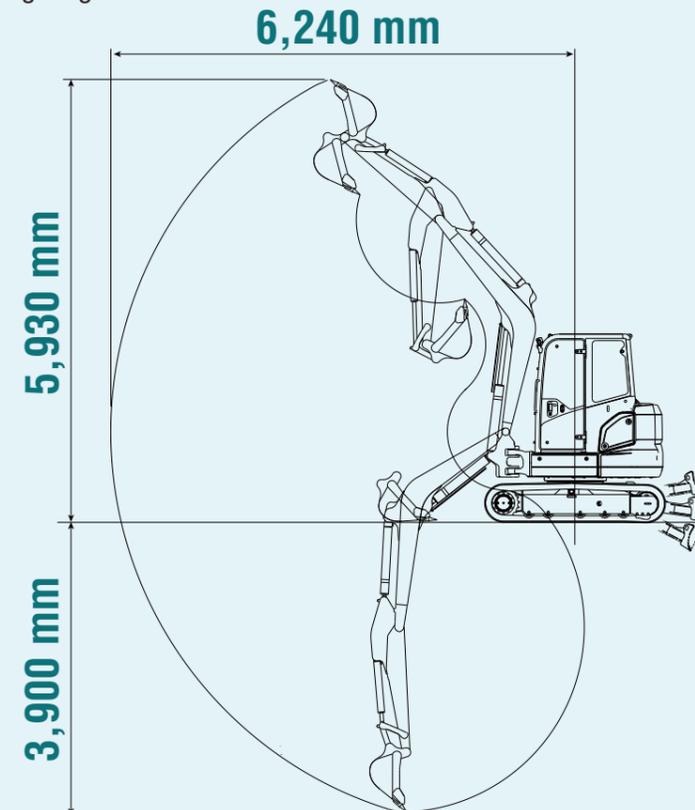
93 dB Sound power level

PERFORMANCE

Compact, yet, Big Performance

Wide Working Range

A larger boom and arm are provided as standard equipment to ensure a wider working range.



Short Tail Swing

The compact tail swing improves operating efficiency in limited space.

Tail overhang: 190 mm (290 mm)*



*Figures show the value with add-on counterweight.

Energy Conservation Mode

The SK55SRX adapts S mode which enables 23 % less fuel consumption compared with the previous model.



One Touch Deceleration

The SK55SRX features one-touch deceleration. It allows easy switching to an idling state, reducing the fuel consumption while the machine is at rest.



Easy Transportability

With an overall height of 2,530 mm, the machine is designed for easy transport.



Overall height: 2,530 mm

PERFORMANCE

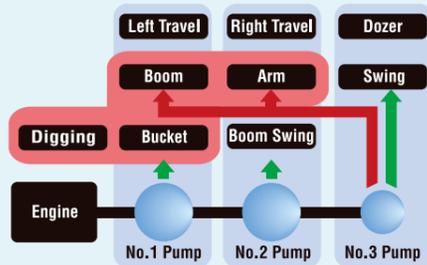
Fast, Full-Powered Digging and Leveling

Powerful Digging Performance



Integrated-Flow Pump System

The instant the machine begins to dig, extra output from the third pump (which otherwise powers the swing and dozer circuit) is directed to the arm circuit and boom circuit (raise) for additional power. This ensures fast and smooth arm and boom raising operation even under heavy loads.



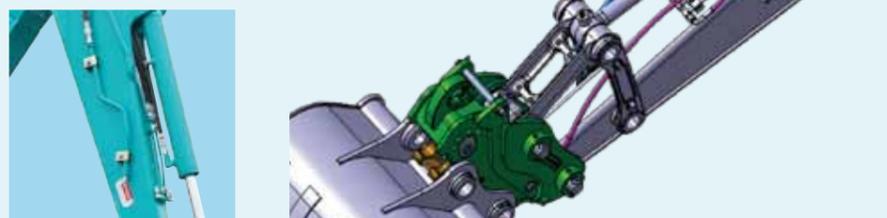
Large Capacity Engine

The large-capacity engine packs plenty power for outstanding hydraulic performance.



Easy Hydraulic Piping for Quick Hitch (Optional)

Piping for Quick Hitch is fitted as option.



More Travel Power

Large Capacity Travel Torque

The large capacity travel torque enables the machine to perform spin turn in Low mode when the dozer is pushing a heavy load.

Automatic Two-Speed Travel

An automatic shift function ensures smoother, more efficient travel on worksite. When the High mode is selected, the travel system will automatically shift to Low mode whenever the load or climbing grades requires more power.

Travel Switch

The travel lever is fitted with a button for easy switching to H-Mode travel.



Powerful and Efficient Dozer Performance

Dozer-Blade Shape

KOBELCO's unique blade design forms the soil into an arc that always falls forward.



Hydraulic Pilot-Controlled Dozer Operation Lever



The dozer lever features hydraulic pilot control for precise handling.

MAINTENANCE

Easy Daily Maintenance

Start-up checks are essential for safe and reliable machine operation. All start-up checks can be performed at ground level, with an easy-to-understand layout and cover design that simplify access and save time.

Easy Access to Component Under the Seat



Two-piece floor mats for easy washing



Hour meter



Easy Access to Cooling Unit



Fuel tank

Easy Access to Engine Compartment



High-grade fuel filter



Pre fuel filter with built-in water separator



Air cleaner



COMFORT

Comfortable Work Environment

Spacious Work Environment

The newly designed, rectangular cab is over 820 mm wide, with optimized control layout for comfortable, easy operation. A greater window area further improves visibility. A clear view is provided at the rear, and there's also more floor space, with a seat that slides further to ensure plenty of leg room.



Easy Access

A wide-opening door and a left-hand tilting control console with safety lever that rises high, make it easy for operators to enter and exit the cab.



Work Lights



Work lights have been added on both sides to provide a clear view during nighttime operations.

Skylight



Control Lever

Precise proportional controls are integrated into the joystick for ease of operation.



Color Liquid Crystal Monitor (Optional)

Operation data as well as the full range of machine-status data can readily be checked.



Maintenance



Working hours

Comfortable Operating Environment

Hammer for emergency exit



Climate control

The climate control system is located down and to the right of the seat, keeping the rear view clear.



Vents to send cooled air toward the operator if he desires.



Opening/closing front window

The front window features gas damper cylinders for smooth and easy opening and closing.



Coat hook



Room light



Two-speaker FM/AM radio with station select (optional)



Operator Safety

Reliable Cab/Canopy Structure

The high-strength cab/canopy meets ROPS and TOP GUARD LEVEL 1 standards for greater operator safety.



Canopy in photo shows Australian spec.

RELIABILITY

Reliable Construction

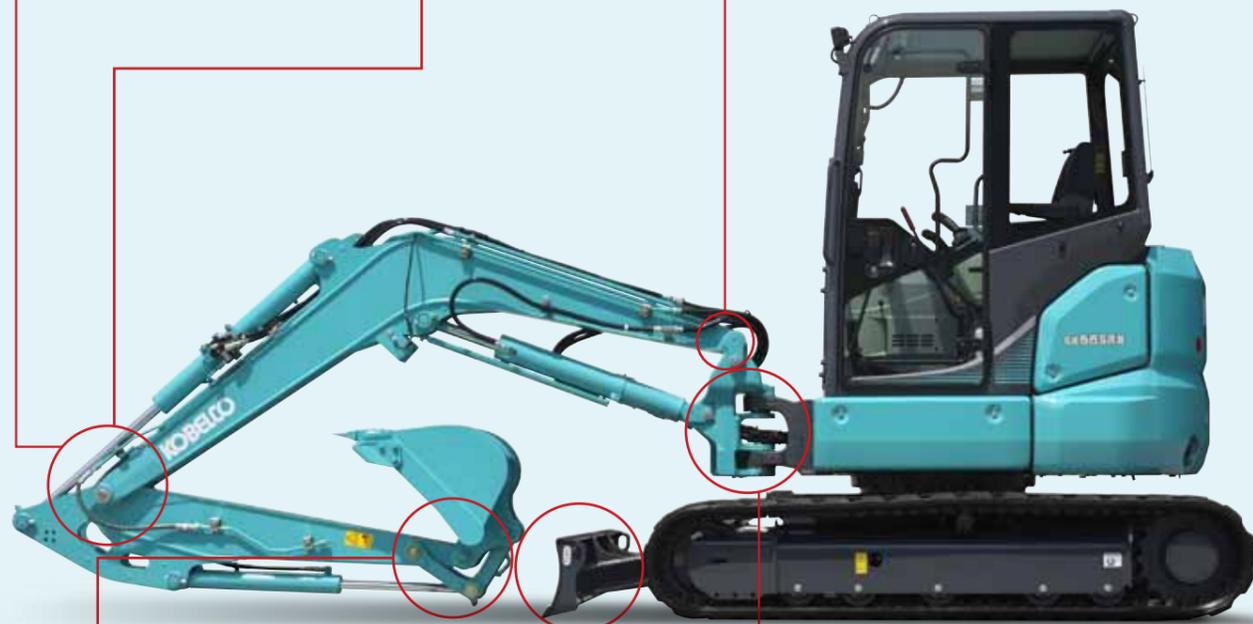
The boom, arm and swing bracket all have large cross-section segments for reinforcement of attachment strength.

Strong boom and arm

Bolt-tightened pins firmly lock the boom and arm to prevent the boom top from opening laterally.

Forged boom top

Plate type pin



Bucket

Cast-iron idler link provide greater strength.



Dozer

Box construction dozer supports provide greater strength.



Swing bracket

Large, thick cast-iron swing bracket/front bracket.



Hydraulic piping

The hydraulic piping is housed inside the swing bracket.

Accumulator for Emergency Attachment Lowering

An installed accumulator allows you to safely lower the attachment to the ground by using in-cab controls in the event of an unexpected engine shut-down.

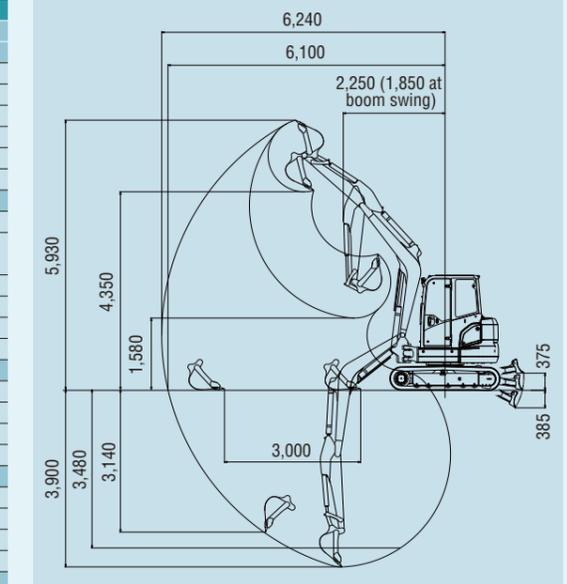


SPECIFICATIONS

GENERAL			SK55SRX		
MODEL			SK55SRX-6		
Type			Rubber		Steel
Crawler Shoe					
Machine Mass	Cab	kg	5,020		5,160
	Canopy	kg	4,900		5,040
Bucket Capacity		m ³	0.16		
Bucket Digging Force		kN	35.2		
Arm Crowding Force		kN	24.6		
ENGINE			YANMAR 4TNV88-B		
Model					
Type	Water cooled, 4-cylce, 4-cylinder, direct injection, diesel engine				
Power Output (ISO 9249)		kW/rpm	28.3/2,400		
Max. Torque (ISO 9249)		N·m/min ⁻¹	131.1/1,440		
Displacement		L	2.189		
Fuel Tank		L	75		
HYDRAULIC SYSTEM			Two variable displacement pumps + one gear pump		
Pump					
Max. Discharge Flow		L/min	2 x 49.9, 1 x 33.8		
Relief Valve Setting		MPa	23.0		
Hydraulic Oil Tank (system)		L	27.9 (57.7)		
TRAVEL SYSTEM			2 x axial-piston, two-step motors		
Travel Motors					
Parking Brake	Oil disc brake per motor				
Travel Speed (high/low)		km/h	4.0/2.3		
Drawbar Pulling Force		kN	54.9		
CRAWLER			400		
Shoe Width		mm			
Ground Pressure	Cab	kPa	28.7		
	Canopy	kPa	28.0		
		kPa	30.4		
		kPa	29.7		
DOZER BLADE			1,960 x 345		
Width x Height		mm			
Working Ranges (height/depth)		mm	375 x 385		
SWING SYSTEM			Axial piston motor		
Swing Motor					
Parking Brake	Oil disc brake, hydraulic operated automatically				
Swing Speed		rpm	8.8		
Tail Swing Radius		mm	1,170		
Min. Front Swing Radius	Over the front	Cab	2,250		
		Canopy	2,250		
	At full boom swing	Cab	1,850		
		Canopy	1,850		
SIDE DIGGING MECHANISM			Boom swing		
Type					
Offset Angle	To the left	degree	70		
	To the right	degree	59		

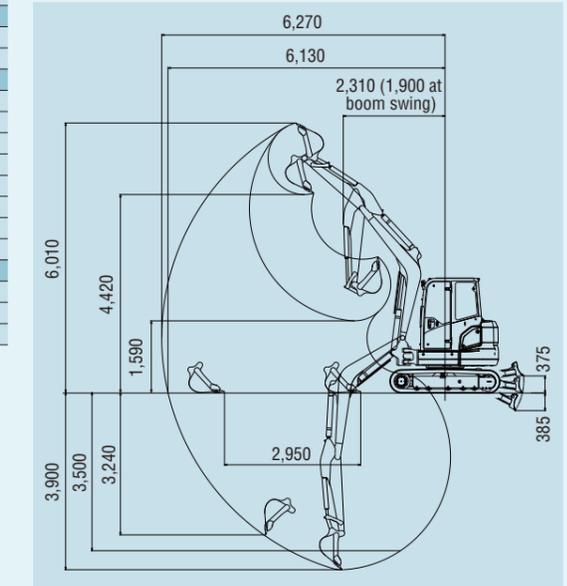
WORKING RANGES

Unit: mm



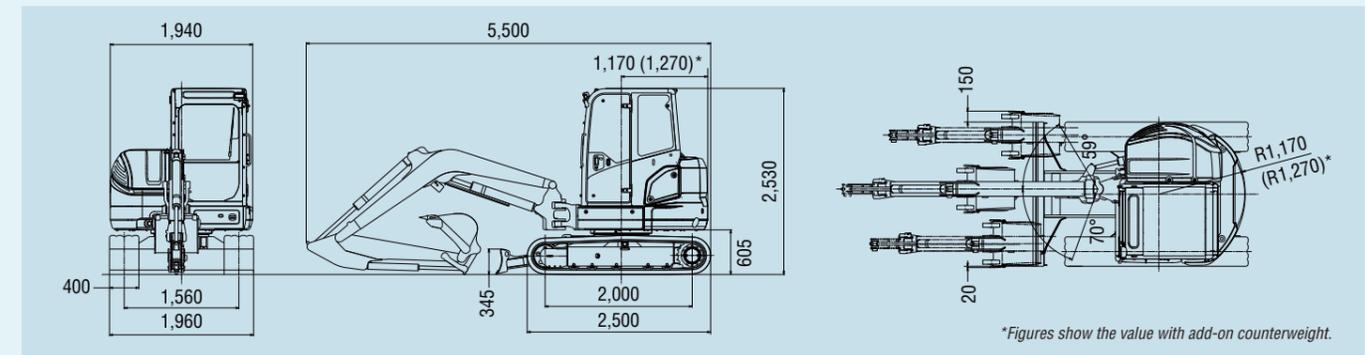
■ Arm for Quick Hitch

Unit: mm



GENERAL DIMENSIONS

Unit: mm



*Figures show the value with add-on counterweight.

OPTIONAL EQUIPMENT

- Rotating N&B (HCP*) piping
- ROPS cab with air conditioner
- Radio (only for cab)
- Steel shoe
- Bolt-on Pad shoes (for steel shoes)
- Add-on counterweight (250 kg)
- Boom & arm holding valve
- Wide range of buckets
- Arm for Quick Hitch / Quick Hitch piping
- Rear view mirror
- Rear under mirror

*Hand Control Proportional