

# MINI EXCAVATOR RANGE BROCHURE



**KOBELCO**

# KOBELCO'S PROUD LEGACY OF INNOVATION & CUSTOMER SERVICE

Kobelco has had over eighty years of history and has been at the forefront of technological development and advances in the international construction industry.

Kobelco is a global business that markets excavators throughout the world, including North and South America, Europe and Africa.

We offer a range of hydraulic excavators to cover every requirement, from the construction and civil machines with one-tonne to 80-tonne operating capacity through to specialist car dismantling/scrap handlers and demolition machine.



## QUALITY A KEY FOCUS FOR KOBELCO

Kobelco continues to prove itself a leader in excavator manufacturing technology and is associated with the highest quality products available in the construction market.

Across all manufacturing plants, Kobelco has adopted state-of-the-art robotic welding and machining tools. We operate under a stringent quality control system to ensure consistency of products manufactured world-wide. This ensures materials and supply parts are thoroughly inspected and tested at each step of the manufacturing process.

## EASE OF USE

All Kobelco excavators are designed to ensure powerful and efficient performance and a cab design that puts operators first. With well laid out controls and built in safety features, operators of any experience level can easily get the job done.

## FAST, ACCURATE AND LOW-COST MAINTENANCE

Proper maintenance ensures peak efficiency which is why Kobelco excavators are designed for quick, simple inspection and maintenance.

All service points are visible and easy to access which means faster turn-around for your business and more profit for you.

## COMPETITIVE PRICES

Kobelco excavators are robust, durable and priced to ensure you achieve a maximum return on your investment. Please contact your local authorised Kobelco Dealer for more information.

## COMPLIANCE

All Kobelco excavators meet or exceed all state and national safety provisions to ensure your business fulfils all regulatory compliance requirements.

## NATIONAL DEALER NETWORK

At Kobelco we have a commitment to customers to continue to provide high quality products and excellent service supported through our national Authorised Kobelco Dealer Network of excavator specialists.

## KOBELCO PARTS SUPPORT

At Kobelco Construction Machinery Australia we have a wide range of Kobelco Genuine Parts that are specifically manufactured to suit your cutting-edge high quality Kobelco Excavator and keep it running at its optimum performance.

As your uptime is important to us we provide 24/7 parts support across our national dealer network.



# MINI EXCAVATOR

# SK008

- Operating Weight 1,065kg
- Excellent stability for the operator with a variable undercarriage, allows the left and right tracks to raise and lower 100mm independently to correct the machine's angle on slopes.
- The crawler width can be reduced to just 680 mm, so the unit will fit through a standard doorway.
- Features a folding ROPS bar and smooth digging of side ditches next to walls.
- Comes with 4YR / 4,000HR Full Factory Warranty.



# SK17SR-5

- Operating Weight 1,665kg
- Hydraulic retractable side frames for nimble tracking. These frames also have a self-cleaning mechanism that forcibly discharges mud to prevent malfunction in the variable undercarriage.
- Works in narrow openings with an easy to fold blade feature from 1280mm to 950mm.
- Standard spring steel cylinder rod guard for the bucket, boom and arm cylinder protects the cylinder rod and gives resiliency to the guard itself.
- Comes with 4YR / 4,000HR Full Factory Warranty.





## SK20SR-5V

- Operating Weight 2,155kg
- Superior durability and cutting edge blade and easy maintenance.
- Standard fitted hydraulic quick hitch piping.
- Guards on all cylinders and boom lights that are positioned on the underside of the boom to prevent damage caused by contact.
- Comes with 4YR / 4,000HR Full Factory Warranty.

# SK25SR-6E CAB AND CANOPY

- Cab Operating Weight with Steel Track 2,800kg  
Cab Operating Weight with Rubber Track 2,690kg  
Canopy Operating Weight with Steel Track 2,670kg  
Canopy Operating Weight with Rubber Track 2,560kg
- Boosted swing power and a top-class swing speed deliver shorter cycle times.
- Standard fitted hydraulic quick hitch piping.
- Guards on all cylinders and boom lights that are positioned on the underside of the boom to prevent damage caused by contact.
- Comes with 4YR / 4,000HR Full Factory Warranty.







## SK28SR-6 CAB AND CANOPY

- Cab Operating Weight 2,950kg  
Canopy Operating Weight 2,790kg
- Includes Kobelco's exclusive iNDr cooling system which reduces heat, noise and dust penetration.
- Standard fitted hydraulic quick hitch piping.
- Larger boom and arm provided as standard equipment to ensure a wider working range. Short tail swing allows operators to work in tight spaces.
- Comes with 4YR / 4,000HR Full Factory Warranty.

# SK30SR-6 CAB AND CANOPY

- Cab Operating Weight 3,380kg  
Canopy Operating Weight 3,220kg
- Includes Kobelco's exclusive iNDR cooling system which reduces heat, noise and dust penetration.
- Standard fitted hydraulic quick hitch piping.
- Larger boom and arm provided as standard equipment to ensure a wider working range. Short tail swing allows operators to work in tight spaces.
- Comes with 4YR / 4,000HR Full Factory Warranty.





## SK35SR-6 CAB AND CANOPY

- Cab Operating Weight 3,770kg  
Canopy Operating Weight 3,630kg
- Includes Kobelco's exclusive iNDR cooling system which reduces heat, noise and dust penetration.
- Standard fitted hydraulic quick hitch piping.
- Larger boom and arm provided as standard equipment to ensure a wider working range. Short tail swing allows operators to work in tight spaces.
- Comes with 4YR / 4,000HR Full Factory Warranty.

# SK45SR-6 CAB AND CANOPY

- Cab Operating Weight with Steel Track 4,690kg  
Cab Operating Weight with Rubber Track 4,550kg  
Canopy Operating Weight with Steel Track 4,580kg  
Canopy Operating Weight with Runner Track 4,430kg
- Includes Kobelco's exclusive iNDr cooling system which reduces heat, noise and dust penetration.
- Standard fitted hydraulic quick hitch piping.
- Larger boom and arm provided as standard equipment to ensure a wider working range. Short tail swing allows operators to work in tight spaces.
- Comes with 4YR / 4,000HR Full Factory Warranty.





## SK55SRX-6 CAB AND CANOPY

- Cab Operating Weight with Steel Track 5,160kg  
Cab Operating Weight with Rubber Track 5,020kg  
Canopy Operating Weight with Steel Track 5,040kg  
Canopy Operating Weight with Rubber Track 4,900kg
- Includes Kobelco's exclusive iNDR cooling system which reduces heat, noise and dust penetration.
- Standard fitted hydraulic quick hitch piping.
- More digging power, wider working range and short tail swing.
- Comes with 4YR / 4,000HR Full Factory Warranty.

MODEL	SK008	SK17SR-5	SK20SR-5V	SK25SR-6E	
				CAB	CANOPY
<b>WEIGHT</b>					
Machine Mass Rubber Track	1,065kg	1,665kg	2,155kg	2,690kg	2,560kg
Machine Mass Steel Track				2,800kg	2,670kg
<b>ENGINE</b>					
Type	Vertical type, water-cooled, 2-cylinder diesel engine	Water-cooled, 4-cycle, 3-cylinder	Water-cooled, 4-cycle, 3-cylinder	Water-cooled, 4-cycle, 3-cylinder	
Power Output NET	7.7kW at 2,400rpm	10.1kW at 2,200rpm (ISO 9249)	14.3kW at 2,400rpm (ISO 9249)	14.7kW at 2,500rpm (ISO 9249)	
Max. Torque NET	31.5N-m at 2,000rpm (ISO 9249)	49.9N-m at 1,600rpm (ISO 9249)	65.7N-m at 1,800rpm (ISO 9249)	63.9N-m at 1,800rpm (ISO 9249)	
Fuel Tank	9.7L	20L	28.5L	30.5L	
<b>PERFORMANCE</b>					
Travel Speed (high/low)	1.8km/h	4.3 / 2.1km/h	4.4 / 2.2km/h	4.5 / 2.8km/h	
Swing Speed	8.4rpm	9.5rpm	9.5rpm	10.0rpm	
Gradeability	30°	30°	30°	30°	
Drawbar Pulling Force	6.9kN	18.3kN	21.6kN	24.4kN	
Max. Bucket Digging Force	10.5kN	15.2kN	17.7kN	23.1kN	
Arm Crowding Force	6.2kN	8.5kN	13.6kN	12.6kN	
Ground Pressure Rubber Track	28.7kPa	28.6kPa	27.7kPa	31.1kPa	29.6kPa
Ground Pressure Steel Track	-	-	-	32.3kPa	30.8kPa
<b>HYDRAULIC SYSTEM</b>					
Pump	Gear Pump	Two variable displacement pumps + One gear pump	Two variable displacement pumps + One gear pump	Two variable displacement pumps + One gear pump	
Max. Flow	2 x 9.8L/min	2 x 17.6, 13.2L/min	2 x 21.6, 20.4L/min	2 x 30.0, 21.3L/min	
Set Pressure	18.1MPa	20.6MPa	20.6MPa	20.6MPa	
Hydraulic Oil Tank	System 10.7L (Oil in tank 5.7L)	System 26L (Oil in tank 16.5L)	System 35L (Oil in tank 30L)	System 39L (Oil in tank 25L)	
<b>WORKING RANGE</b>					
Max. Digging Reach	2.83m	3.81m	4.14m	4.75m	
Max. Digging Depth	1.50m	2.2m	2.3m	2.79m	
Max. Dumping Clearance	1.95m	2.63m	2.59m	2.93m	
Min. Swing Radius	1.18m	1.54m	1.8m	1.99m	
Tail Swing Radius	305mm with tracks extended	Zero with tracks extended	Zero	Zero	
<b>GENERAL DIMENSIONS</b>					
Overall Width	0.68m Retracted, 0.84m Extended	0.95m Retracted, 1.28m Extended	1.38m	1.5m	
Overall Height	2.3m with ROPS bar up	2.3m	2.4m	2.49m	2.53m
Overall Length	2.6m	3.45m	3.92m	4.12m	

SK28SR-6		SK30SR-6		SK35SR-6		SK45SRX-6		SK55SRX-6	
CAB	CANOPY	CAB	CANOPY	CAB	CANOPY	CAB	CANOPY	CAB	CANOPY
2,950kg	2790kg	3,380kg	3,220kg	3,770kg	3,630kg	4,550kg	4,430kg	5,020kg	4,900kg
						4,690kg	4,580kg	5,160kg	5,040kg
Water-cooled, 4-cycle, 3-cylinder, direct injection, diesel engine		Water-cooled, 4-cycle, 3-cylinder, direct injection, diesel engine		Water-cooled, 4-cycle, 3-cylinder, direct injection, diesel engine		Water-cooled, 4-cycle, 4-cylinder, direct injection, diesel engine		Water-cooled, 4-cycle, 4-cylinder, direct injection, diesel engine	
17.1kW at 2,400rpm (ISO 9249)		17.1kW at 2,400rpm (ISO 9249)		17.1kW at 2,400rpm (ISO 9249)		28.3kW at 2,400rpm (ISO 9249)		28.3kW at 2,400rpm (ISO 9249)	
77.7N-m at 1,440rpm (ISO 9249)		77.7N-m at 1,440rpm (ISO 9249)		77.7N-m at 1,440rpm (ISO 9249)		131.1N-m at 1,400rpm (ISO 9249)		131.1N-m at 1,400rpm (ISO 9249)	
42L		42L		42L		75L		75L	
3.8 / 2.1km/h		4.4 / 2.5km/h		4.4 / 2.5km/h		4.0 / 2.3km/h		4.0 / 2.3km/h	
8.4rpm		8.4rpm		8.4rpm		8.8rpm		8.8rpm	
30°		30°		30°		30°		30°	
34.8kN	34.9kN	38.3kN	38.4kN	38.1kN	38.2kN	55.2kN		54.9kN	
24.7kN		27.7kN		27.8kN		35.2kN		35.2kN	
16.6kN		19.1kN		22.4kN		20.9kN		24.6kN	
26.3kPa	24.9kPa	30.1kPa	28.7kPa	33.5kPa	32.2kPa	26.1kPa	25.4kPa	28.7kPa	28kPa
-		-		-		27.7kPa	27.0kPa	30.4kPa	29.7kPa
Two variable displacement pumps + One gear pump		Two variable displacement pumps + One gear pump		Two variable displacement pumps + One gear pump		Two variable displacement pumps + One gear pump		Two variable displacement pumps + One gear pump	
2 x 28.8, 16.1L/min		2 x 38.4, 19.2L/min		2 x 38.4, 19.2L/min		2 x 49.9, 33.8L/min		2 x 49.9, 33.8L/min	
23.0MPa		23.0MPa		23.0MPa		23.0MPa		23.0MPa	
System 41.1L (Oil in tank 20.4L)		System 44.8L (Oil in tank 20.4L)		System 44.8L (Oil in tank 20.4L)		System 57.7L (Oil in tank 27.9L)		System 57.7L (Oil in tank 27.9L)	
4.89m		5.24m		5.39m		5.9m		6.27m	
2.59m		2.83m		3.05m		3.44m		3.9m	
3.21m		3.51m		3.60m		4.19m		4.42m	
2.33m		2.43m		2.38m		2.41m		2.25m	
Zero		Zero		Zero		0.19m		0.19m	
1.55m		1.55m		1.70m		1.96m		1.96m	
2.51m		2.51m		2.51m		2.53m		2.53m	
4.55m		4.76m		4.87m		5.32m		5.55m	



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