

HIGH REACH DEMOLITION

ZAXIS 250LCK/350LCK/470LCH/480LCK/1000K

A P P L I C A T I O N & A T T A C H M E N T



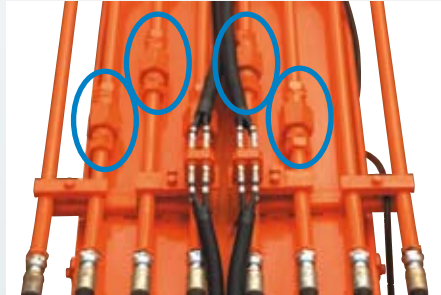
High Reach Demolition Series

Multi-Boom Series

Sturdy Body for Tough Demolition Applications

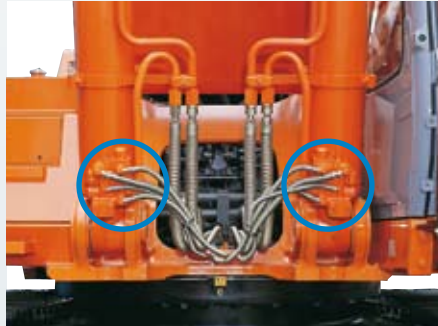
Assortment of Devices and Meters

■ Slow Return Valves



Keep adequate lowering speed of the high reach demolition front: Avoid rapid lowering due to weights of the high reach demolition front and crusher.

■ Holding Valves



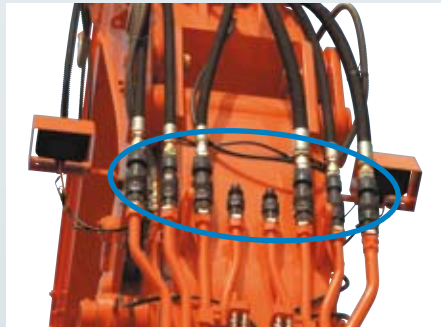
Due to hydraulic oil retention rapid lowering of the boom is prevented even in the event of boom cylinder hose rupture.

■ Boom Angle Indicator



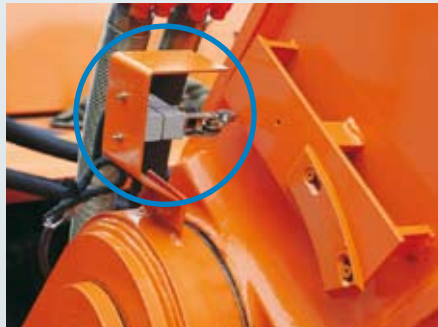
Indicates the high reach demolition arm inclination angle.

■ High-Pressure Couplers



Facilitate the exchange and storage of the front.

■ Boom Angle Alarm



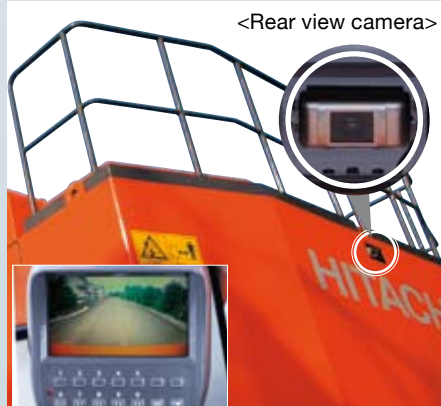
Alerts the operator of excess lowering angle of the boom of the high reach demolition front by sounding buzzer.

■ Overhead Glass Window with Guard



Gives good upward visibility for efficient elevated operations.

■ Monitoring System



<Rear view camera>

■ Concentrated Front Lubrication System



Concentrates lubricating points at the boom foot and arm top of the high reach demolition front for simple daily servicing.

■ Loudspeaker



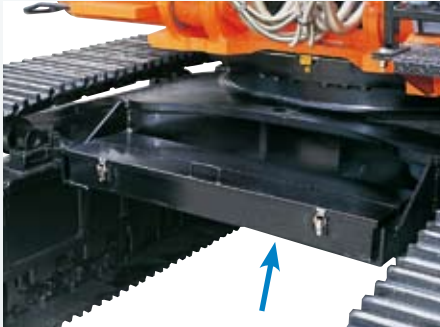
Allows the operator to make smooth communication with work crew.

■ Track Undercover and Reinforced Full Upperstructure Undercover



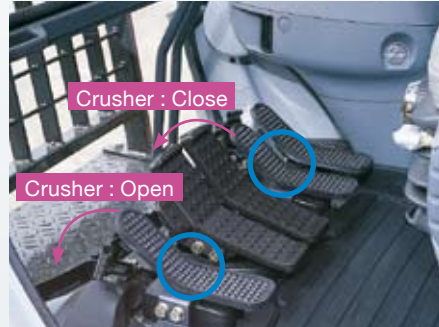
Protect the covered hoses, piping and valves from damage by collision with obstacles (reinforcements, etc.) during operation.

■ Track Tray (Optional)



Holds a tool kit for replacement of front attachment, hydraulic hoses, etc.

■ Dual Crusher Pedals (Optional)

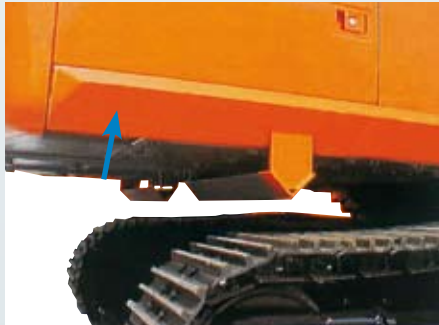
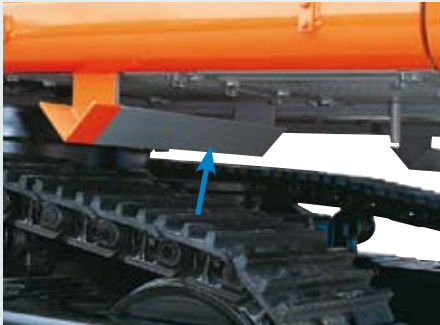


Dual-pedal control of the crusher for closing and opening. It requires simple one-way depressing at the front side of the pedal, reducing operator's fatigue.

■ Swing Alarm (Optional)



■ Muck Remover and Angle-Reinforced Skirt (Optional)



■ Sidewalk (Optional)



■ Tilting Cab (Optional)



The cab can be tilted up to 30° for effortless elevated operations, without need for looking upward, reducing operator's fatigue.

■ Cylinder guards



■ Other Optional Equipment

- Refuel pump
- Sprinkler piping

NOTE: *Optional equipment may vary or may not attach according to models and specifications.*

Some of this brochure photos shown may include customer's specified colors and optional equipment.

High Reach Demolition Series



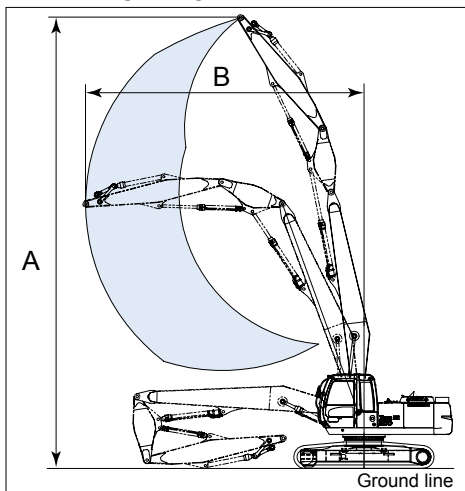
Crusher Front

The high reach demolition front consists of three sections: boom, intermediate arm and arm.

Specifications

Model	ZX250LCK-3	ZX350LCK-3	ZX470LCH-3
Front type	3-stage	3-stage	3-stage
Front model	HL250	HL350-E	HL450-D
A: Max. working height	mm	16 000	21 000
B: Max. working reach	mm	8 730	12 000
Operating weight	kg	30 300	41 000
Max. crusher weight	kg	2 500	2 500

Working Ranges



Standard and Optional Equipment

⊙ : Standard ● : Optional — : No setting

Model	ZX250LCK-3	ZX350LCK-3	ZX470LCH-3	Remarks
Upperstructure				
Reinforced main frame	—	⊙	⊙	
Holding valve	⊙	⊙	⊙	
Undercover, 6 mm	⊙	⊙	⊙	
Foldable side steps	●	●	●	At cab door
Angle-reinforced frame skirt	●	●	●	
Muck remover	●	●	●	
Undercarriage				
Track undercover, 9 mm	⊙	⊙	⊙	
Track guards	2 each side	3 each side	3 each side	
Full track guard	●	●	●	
Weight				
Heavier counterweight	⊙	⊙	⊙	
Cabs				
Demolition cab I	●	●	●	Twin wipers
Demolition cab II	⊙	⊙	⊙	OPG guard (level II), twin wipers
2 front lights on cab	⊙	⊙	⊙	Standard on all types of cabs
Rear light on cab	●	●	●	
Cab front-steps	⊙	⊙	⊙	
Tilting cab	—	●	●	
High reach demolition front				
Boom light	⊙	⊙	⊙	
Concentrated lubrication system	⊙	⊙	⊙	
Tilt cylinder guard	●	●	●	
Obstacle guard	●	●	●	
Piping				
Attachment piping	⊙	⊙	⊙	
Spare port relief valve	⊙	⊙	⊙	
2-speed selector	⊙	⊙	⊙	
Pilot accumulator	⊙	⊙	⊙	
Front speed control valve	⊙	⊙	⊙	
PTO piping	⊙	⊙	⊙	For 3-stage intermediate arm cylinder
Attachment swing piping	●	●	●	
· Hydraulic	●	●	●	
· Electric	●	●	●	Lever grip
Sprinkler piping	●	●	●	Water pressure: 20 kgf/cm ² or lower
Miscellaneous				
Loudspeaker	⊙	⊙	⊙	
Air cleaner w/double elements	⊙	⊙	⊙	
Precleaner	●	●	●	
High-performance full-flow filters	⊙	⊙	—	
Lubricator (pail can type)	—	—	⊙	
Lubricator (cartridge type)	—	●	●	Cartridge type not selectable together with pail can type
Swing alarm	●	●	●	
Travel alarm	●	●	●	
Rear view camera	⊙	⊙	⊙	
Refuel pump	●	●	●	
Tool box (track tray)	●	●	●	

Multi-Boom Series

Applicable for Demolition of Various Buildings:

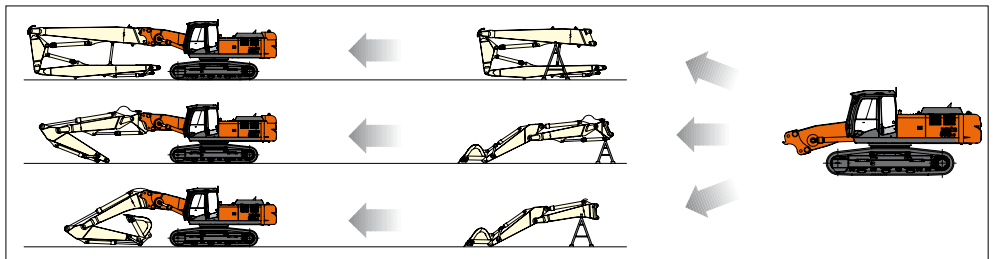
- High-Rise Buildings
- Mid-Rise Buildings
- Foundations

- Large-sized undercarriage capable of sustaining the multi-boom front
- Reinforced upperstructure, including strengthened frame
- Exclusively strengthened boom cylinder for bigger power



Multi-Boom Front

The multi-boom front is applicable for building demolition and foundation breakage, using the crusher. The front attachment can be quickly exchanged according to job needs. Using the backhoe bucket, this front can make efficient excavation equivalent to the demolition front.

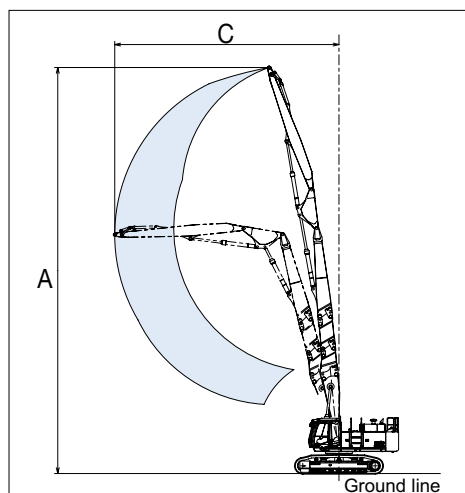


High Reach Demolition Front

Specifications

Model	ZX250LCK-3	ZX350LCK-3	ZX480LCK-3	ZX1000K-3
Front type	Multi-boom	Multi-boom	Multi-boom	Multi-boom
Front model	MB250	HL350MB	MB450-A	MB1000
Standard front				
A: Max. working height mm	16 000	21 000	25 000	40 000
C: Max. working reach mm	8 730	12 000	13 800	22 100
Max. crusher weight kg	2 500	2 500	2 500	2 400
Operating weight kg	31 000	42 900	61 300	105 700

Working Ranges



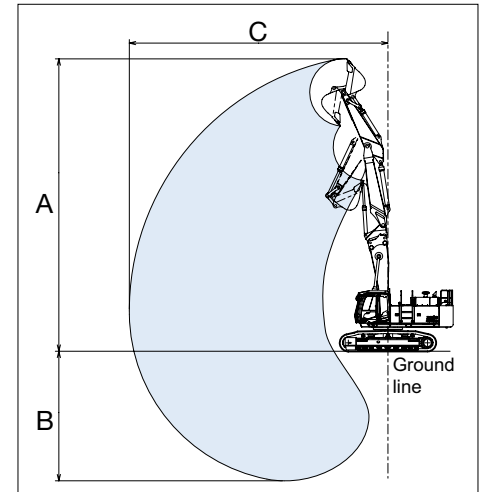
● Two-Piece Front

■ Specifications

Model	ZX350LCK-3	ZX480LCK-3	ZX1000K-3
Front type	Multi-boom	Multi-boom	Multi-boom
Front model	HL350MB	MB450-A	MB1000
Demolition			
A: Max. working height	mm 13 400	14 600	18 300
C: Max. working reach	mm 11 800	12 700	16 100
Max. crusher weight	kg 3 500	4 500	6 600
Operating weight	kg 43 900	61 600	106 000
Bucket			
A: Max. working height	mm 15 100	16 500	20 500
B: Max. digging depth	mm 7 820	7 460	8 130
C: Max. working reach	mm 13 400	14 600	18 300
Max. bucket capacity	m ³ 1.4	1.9	3.4
Operating weight	kg 41 800	58 700	103 000

- The two-piece boom can expand working ranges.
- An extra-large crusher can be optionally attached.

■ Working Ranges

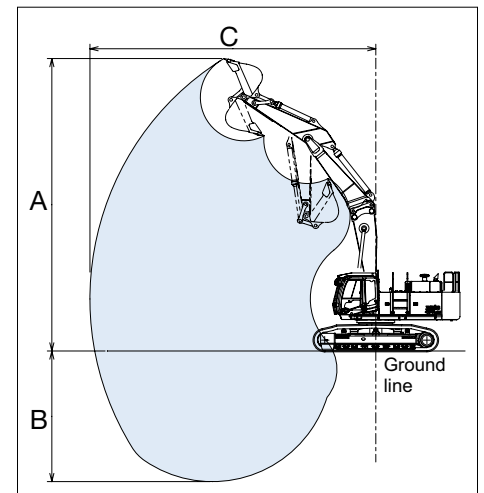


● Backhoe Front

■ Specifications

Model	ZX250LCK-3	ZX350LCK-3	ZX480LCK-3	ZX1000K-3
Front type	Multi-boom	Multi-boom	Multi-boom	Multi-boom
Front model	MB250	HL350MB	MB450-A	MB1000
Demolition				
A: Max. working height	mm 8 950	10 900	11 100	11 900
C: Max. working reach	mm 8 880	10 200	10 600	11 800
Max. crusher weight	kg 2 600	3 500	4 500	6 600
Operating weight	kg 28 400	39 400	57 300	96 500
Bucket				
A: Max. working height	mm 10 430	12 500	12 800	13 500
B: Max. digging depth	mm 7 020	6 410	5 700	6 670
C: Max. working reach	mm 10 450	11 900	12 500	14 000
Max. bucket capacity	m ³ 1.0	1.4	1.9	3.4
Operating weight	kg 26 700	37 300	54 300	92 600

■ Working Ranges

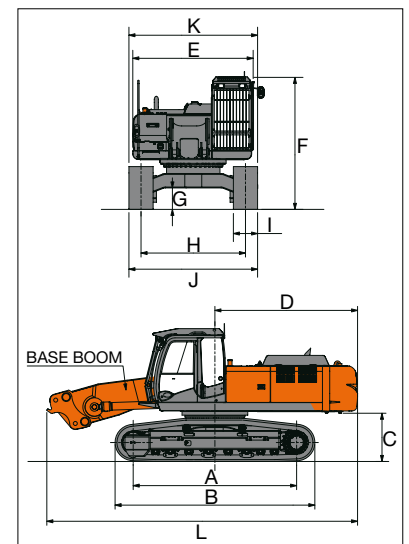


● Dimensions

	ZX250LCK-3	ZX350LCK-3	ZX480LCK-3	ZX1000K-3
A Distance between tumblers	mm 3 845	4 050	4 470	5 110
B Undercarriage length	mm 4 640	4 950	5 470	6 360
*1 C Counterweight clearance	mm 1 090	1 160	1 320	1 580
D Rear-end swing radius	mm 2 940	3 550	3 810	4 820
E Overall width of upperstructure	mm 2 890	3 420	3 560	4 070
F Overall height of cab	mm 3 150	3 290	3 450	3 780
*1 G Min. ground clearance	mm 460	500	720	730
H Track gauge : Extended / Retracted	mm 2 590	2 590	2 890 / 2 390	3 450 / 2 830
I Track shoe width	mm G600	G600	G600	G650
J Undercarriage with	mm 3 190	3 190	3 490 / 2 990	4 100 / 3 480
K Overall width	mm 3 190	3 520	3 720	4 400
L Overall length with additional weight	mm 6 610	7 710	8 180	10 420
without additional weight	mm 6 400	7 370	7 960	10 140
*2 Transportation weight	kg 22 900	31 200	35 500	65 600

- *1 Excluding track shoe lug
- *2 Excluding additional weight

G: Triple grouser shoe



Standard and Optional Equipment

Model	ZX250LCK-3	ZX350LCK-3	ZX480LCK-3	ZX1000K-3	Remarks
Upperstructure					
Frame w/ increased lifting force	—	—	⊙	⊙	
Reinforced main frame	—	⊙	⊙	⊙	
Boom cylinder with enlarged bore	—	⊙	⊙	⊙	
Holding valve	⊙	⊙	⊙	⊙	
Undercover, 6 mm	⊙	⊙	⊙	⊙	
Foldable side steps	●	●	—	—	At cab door
Foldable full sidewalk	—	—	⊙	⊙	Left side
Angle-reinforced frame skirt	●	●	●*	●*	*Right side only
Muck remover	●	●	●	●	
Undercarriage					
Retractable Tracks	—	—	⊙	⊙	
Jack-up system	—	—	—	⊙	
Track undercover, 9 mm	⊙	⊙	⊙	⊙	
Track guards	2 each side	3 each side	3 each side	3 each side	
Full track guard	●	●	●	●	
Weight					
Split counterweight	⊙	⊙	⊙	⊙	
Cabs					
Demolition cab I	●	●	●	●	Twin wipers
Demolition cab II	⊙	⊙	⊙	⊙	OPG guard (level II), twin wipers
2 front lights on cab	⊙	⊙	⊙	⊙	
Rear light on cab	●	●	●	●	
Cab front-steps	⊙	⊙	⊙	⊙	
Tilting cab	—	●	●	●	
Front					
Boom lights	⊙	⊙	⊙	⊙*	*L & R sides
Auto lubrication	—	—	—	⊙	Boom foot, and boom cylinder
Tilt cylinder guard	●	●	●	●	High reach demolition only
Obstacle guard	●	●	●	⊙	

⊙ : Standard ● : Optional — : No setting

Model	ZX250LCK-3	ZX350LCK-3	ZX480LCK-3	ZX1000K-3	Remarks
Piping					
Basic attachment piping	⊙	⊙	⊙*	⊙*	W / line filters
Common piping for HSB breaker/crusher	⊙	⊙	⊙	⊙	
Common piping for NPK breaker/crusher	⊙	⊙	⊙	⊙	W / accumulator
2-speed selector	⊙	⊙	⊙	⊙	
Pilot accumulator	⊙	⊙	⊙	⊙	
Front speed control valve	⊙	⊙	⊙	⊙	
Arm selector	⊙	⊙	⊙	⊙	High reach demolition and 2P/BH selectable from cab
Attachment swing piping	●	●	●	●	
· Hydraulic	●	●	●	●	
· Electric	●	●	●	●	Lever grip
Sprinkler piping	●	●	●	●	Water pressure: 20 kgf/cm ² or lower
Miscellaneous					
Loudspeaker	⊙	⊙	⊙	⊙	
Air cleaner w/ double elements	⊙	⊙	⊙	⊙	
Precleaner	●	●	●	●	
High-performance full-flow filters	⊙	⊙	—	—	
Line filters	—	—	⊙	⊙	
Lubricator (pail can type)	—	—	⊙	⊙	
Lubricator (cartridge type)	—	●	●*	●*	*Cartridge type not selectable together with pail can type
Swing alarm	●	●	●	●	
Travel alarm	●	●	●	●	
Rear view camera	⊙	⊙	⊙	⊙	
Refuel pump	●	●	●	●	
Tool box (track tray)	●	●	●	—	

These specifications are subject to change without notice.

Illustrations and photos show the standard models, and may or may not include optional equipment, accessories, and all standard equipment with some differences in color and features. Please ensure you have read and understood the Operator's Manual to ensure correct operation of the equipment.