

HERESTRONG

HS12U Crawler Excavator

Built for confined-space work



1,200 kg

Operating weight



10.2 kW

13.8 hp @ 2,500 rpm



0.024 m³

Bucket capacity

Features of the HS12U excavator

Boom swing

55° left / 55° right.

Walk-through access

Get on and off the machine from either side.

Zero-tail swing design

Reduced rear swing clearance supports operation in confined spaces and near obstacles.

Retractable blade

Adjust the blade width to suit narrow access and the working configuration.

Retractable undercarriage

750 mm retracted / 990 mm extended.



OPERATION DETAILS



Hydraulic pilot controls

Joysticks on both sides of the seat provide convenient control of working functions.



Hydraulic hose protection

Protected routing helps reduce exposure to damage. The sectional dozer-cylinder hose arrangement simplifies replacement of the affected section.



Two-speed travel

Travel speed: 0-4 km/h. Select the speed to suit the ground conditions and task.

ACCESS & MAINTENANCE



Easy engine inspection and maintenance

The opening rear cover provides convenient access for routine inspection and maintenance.



LED boom work light

Boom-mounted lighting supports visibility around the working area.



Foldable ROPS frame

Folding configuration supports lower-clearance transport and storage.

Attachments & Options



Digging Bucket

200 mm



Cleaning Bucket

600 mm / 800 mm /
1000 mm



Tilting Bucket

800 mm



Mechanical Quick
Coupler



Hydraulic Breaker



Ripper



Log Grapple



Auger

200 mm / 300 mm



Skeleton Bucket

600 mm



Rake

600 mm / 800 mm



Hydraulic Thumb



Mechanical Thumb

Attachments shown are optional. Availability and compatibility depend on machine configuration.

Standard Equipment

Engine

- Kubota original engine

Undercarriage

- 180 mm rubber track
- Retractable tracks
- 2-speed travel

Working equipment

- 1 LED working light on the boom

Hydraulic system

- Hydraulic pressure checking ports
- Hydraulic pilot control levers with wrist rests
- Japanese SHIMADZU pump

Safety system

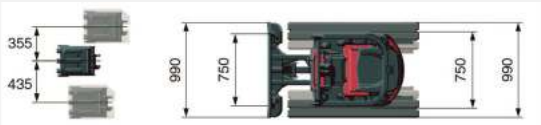
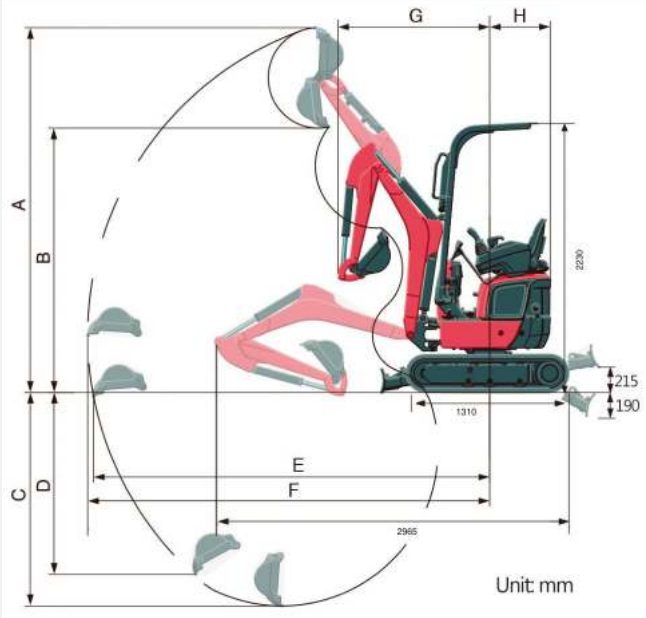
- Engine start safety system
- Hydraulic lock system
- Travel alarm
- Foldable ROPS frame

Operator protection

- Foldable ROPS frame

Working Range

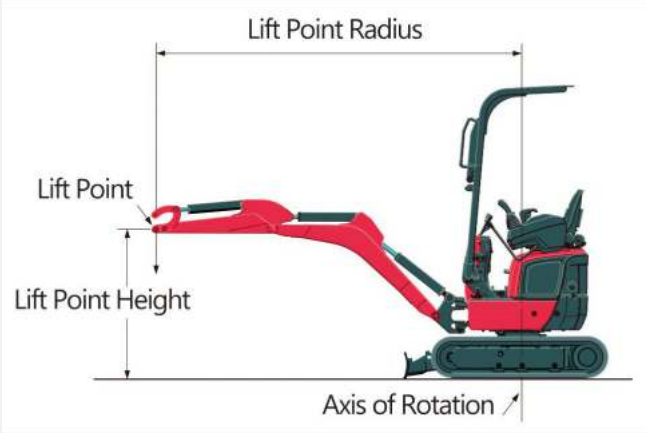
HS12U	mm
A Max. digging height	3,079
B Max. dumping height	2,225
C Max. digging depth	1,805
D Max. vertical digging depth	1,510
E Digging reach at ground level	3,350
F Max. digging reach	3,390
G Minimum swing radius	1,273
H Tail swing radius	510



Lifting Capacity

Capacity (t)

Lift point height (m)	Over-front Blade down			Over-side		
	Lift point radius (m)			Lift point radius (m)		
	1.5	2.0	2.5	1.5	2.0	2.5
1.5	—	0.19	0.19	—	0.19	0.13
1.0	0.31	0.24	0.19	0.28	0.18	0.12
0.5	0.45	0.27	0.20	0.26	0.17	0.12
0.0	0.42	0.27	0.19	0.24	0.16	0.12



With foldable ROPS frame and rubber crawler; without bucket.

TECHNICAL SPECIFICATIONS

Model		HS12U
Operator protection		Foldable ROPS frame
Operating weight	kg	1200
Bucket capacity / width	m³ / mm	0.024 / 398
Engine		
Model		KUBOTA D722
Emission standard		EU Stage V
Type		Water-cooled diesel engine E-TVCS
Maximum power	kW / hp	10.2 / 13.8
Engine speed at maximum power	rpm	2500
Number of cylinder		3
Bore × Stroke	mm	67 × 68
Displacement	cc	719
Hydraulic system		
Hydraulic pump		Shimadzu pump, Japan
Flow rate	L/min	21
Pressure	MPa	17.2
Swing system		
Swing motor	-	Piston motor
Swing motor flow rate	L/min	3.1
Swing motor pressure	MPa	3.9
Swing speed	rpm	8.3
Travel System		
Travel motor	-	Piston motor
Travel speed	km/h	0-4
Gradeability		30° (58%)
Dimensions		
Overall length	mm	2965
Overall height	mm	2230
Overall width	mm	750 / 990
Minimum ground clearance	mm	140
Boom swing angle (left/right)	°	55 / 55
Digging force		
Maximum digging force (arm)	kN	5.4
Maximum digging force (bucket)	kN	10.4
Tank capacity		
Hydraulic reservoir	L	12.6
Fuel tank capacity	L	12
Undercarriage		
Track Type		Rubber
Track length	mm	1310
Track width	mm	180
Maximum dozer blade lift height	mm	215
Max. blade lowering depth	mm	190
Ground pressure	kPa	29
Dozer size (width × height)	mm	750 / 990 × 200

Specifications subject to change without notice.

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