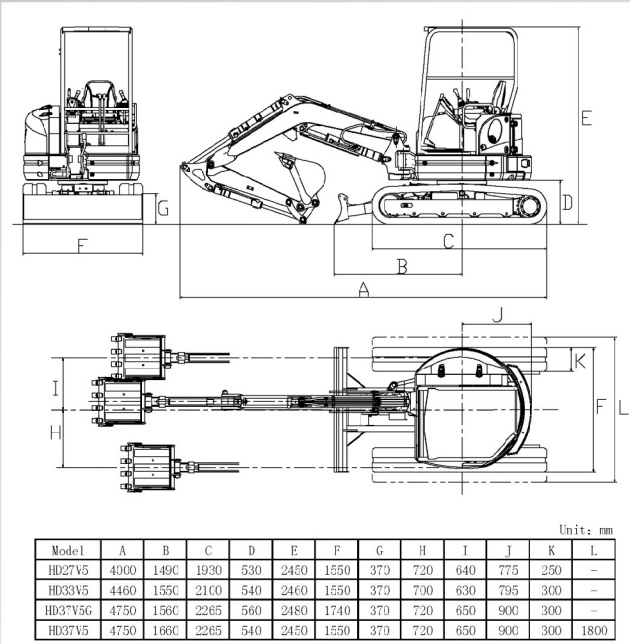


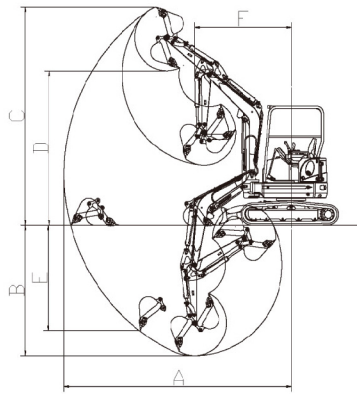
KATO

✓ FIVE
HD27
 ✓ FIVE
HD33
 ✓ FIVE
HD37/G

DIMENSION



WORKING RANGE



		HD27V5	HD33V5	HD37V5G	HD37V5
A	Maximum digging radius	4560	4875	5210	5210
B	Maximum digging depth	2440	2660	3010	3030
C	Maximum digging height	4220	4670	5010	4985
D	Maximum dumping height	2900	3315	3490	3460
E	Maximum vertical digging depth	1840	2320	2570	2595
F	Minimum swing radius	2030	2030	2140	2140

PECIFICATION

Performance		Unit	Parameter			
Machine	Model	—	HD27V5	HD33V5	HD37V5	HD37V5G
	Operating weight	Kg	2880	3360	3790	3580
	STD. Bucket capacity	m ³	0.08	0.09	0.11	←
	STD. Bucket width	mm	500	550	600	←
Engine	Maker	—	KUBOTA	YANMAR	YANMAR	←
	Model	—	D1305-EF04_CN4	3TNV88-ZCSC	3TNV88-ZCSC	←
Working Performance	Rated output	KW/r/min	18.2/2400	20.4/2200	20.4/2200	←
	Swing speed	r/min	9.0	9.0	9.0	←
	Travel speed	Km/h	2.5/4.4	2.7/4.7	2.7/4.7	←
	Gradeability	—	30°	30°	30°	←
	Ground pressure	Kpa	34.9	30.4	31.4	29.7
	Max. digging force	KN	21	29.1	29.1	←
	Boom swing angle (L/R)	—	50° /80°	50° /80°	50° /80°	←
Hydraulic System	Pressure	Mpa	21.6/18.1	24.5/20.6	24.5/20.6	←
	Flow	L/min	28.8X2+19.2	37.4X2+23.1	37.4X2+23.1	←
Oil Capacity	Fuel tank capacity	L	42	42	42	←
	Hydraulic oil capacity	L	33	33	33	←
Dozer blade	Size	mm	1550X370	1550X370	1550/1800X370	1740X370
	Working Range	mm	430/345	455/370	445/370	430/400

- This booklet is only for promotion, the pictures and contents may differ from the actual objects, and the actual objects shall prevail. The contents and specifications will be subject to change without prior notice.

KATO SCE

KATOSCE (XIAMEN) CONSTRUCTION MACHINERY CO.,LTD

Address: No.39 Huanzhu Road, North Industrial Area, Jimei District, Xiamen

Website: www.katosce.com



MINI EXCAVATOR



Advanced low center of gravity design

Powerful Strong Reliable

Ultra slewing mini excavators fit various job sites

Workability & Economy

Enhancement of stability

Stability is enhanced in comparison to the previous model by lowering the center of gravity. The workability has been improved for efficient operation.



Enhanced operability

The reaction at start and stop is significantly improved. The low gravity design suppresses vibration and enables for a non-stress operation.

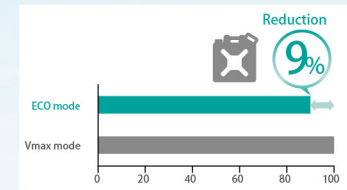
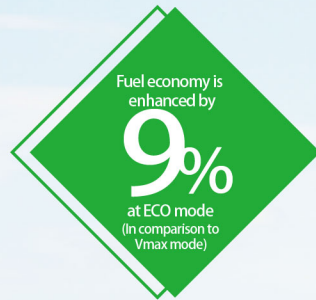
Traveling auto shifting mode

Traveling speed 1 and 2 are automatically changed according to the traveling motor load. Can set only speed 1 by operating the switch on the dozer lever.



Vmax mode and ECO mode

Operation mode is selectable from Vmax mode which is operation speed oriented and ECO mode which ensures low fuel consumption.



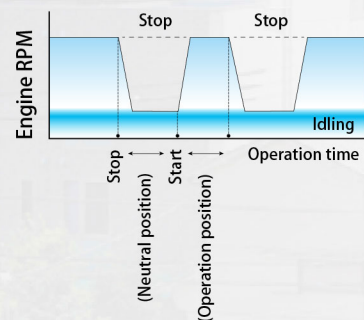
Enhanced dumping height

Dumping height is higher than previous model. Workability has been improved.



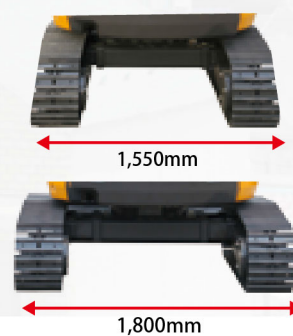
Auto-idling is standard feature

Optimum engine speed will be provided automatically in few seconds after returning the operation lever to the neutral position. It saves the fuel consumption by approx. 10%.



Extendable undercarriage (HD37V5)

This undercarriage design is efficient for transportation and traveling in confined spaces ensuring compactness and high stability.



Tri-pump system

Tri-pump full power control system ideally distribute and utilize the flow, improve and enhance the performance.

Boom holding valve

Holding valve effectively reduces the descent of the boom.

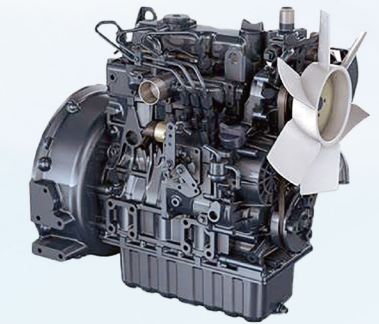


Straight travel system

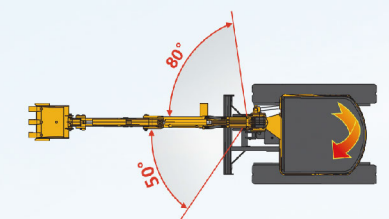
Straight travel system provides smoother and more effective travel ability.

Environmental-friendly engine

The engine features low fuel consumption, low noise and strong power.



Boom swing



Working light under the boom

The light is installed to under the boom and protected from damages.

Reinforced boom cylinder cover

The V-shaped double structure reinforced boom cylinder cover prevents the cylinder from damages.

Fully versatile easy skimming work

The closer distance between bucket teeth and dozer blade allows it to skim the ground easier.



Comfortability

Monitor

Brand new display with improved visibility of display due to the always lit LED light. Engine error code on the display supports efficient maintenance.



Cup holder

The cup holder is installed.



12V electric supply port

Equipped with an electric supply port. (12V 10A)

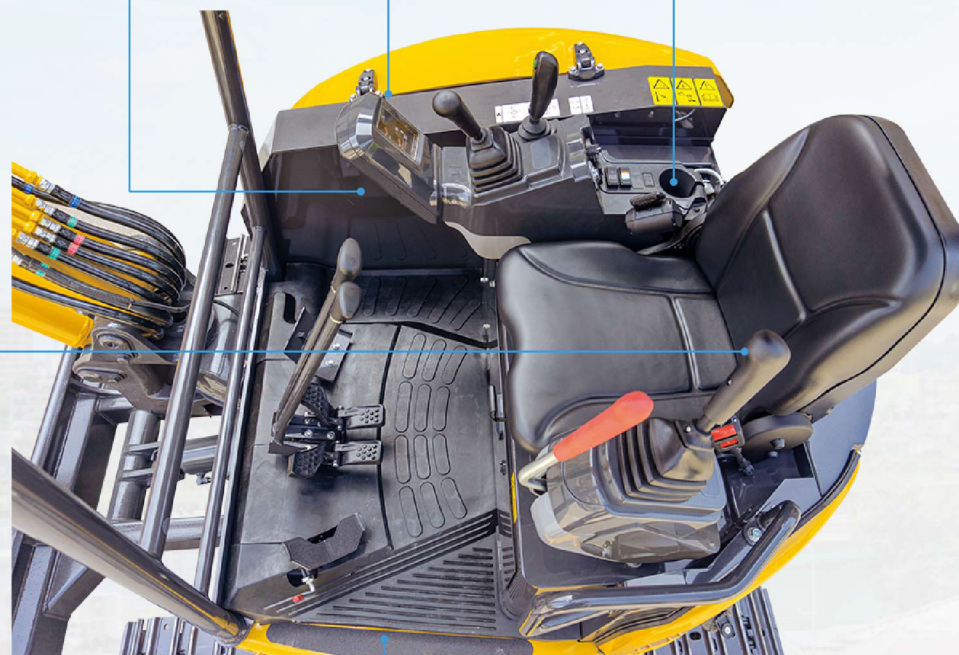


Comfortable lever control

Appropriate lever length and remote valve enhance lever operating comfortability. It also reduces the operators fatigue.

Great access

Access to the operator seat has been improved by lowering the step height.



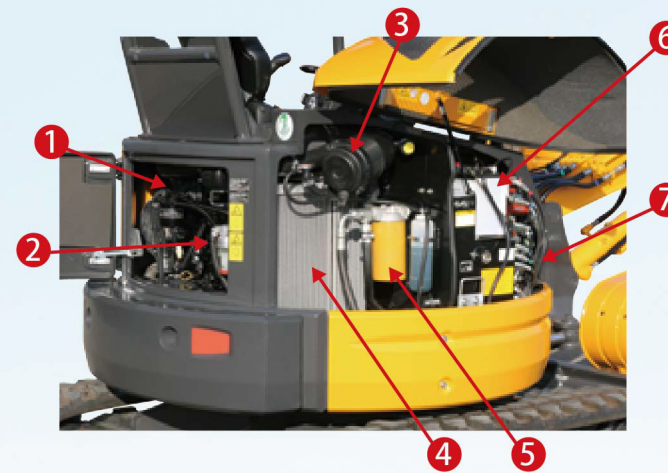
Comfortable operating space

Ergonomic wide comfortable operating space has been designed to fit operator.

Maintenance

Wide openable engine cover

Engine and right-side covers are openable without using any tools. Daily maintenance such as engine check have been made easier.



- ① Fuel filter
- ② Water separator with electric sensor
- ③ Air cleaner (Double element)
- ④ Side by side cooling
- ⑤ Hydraulic oil return filter
- ⑥ Battery
- ⑦ Control valve

The fully openable engine cover provides great access to various components. Daily maintenance such as air filter cleaning, engine oil replacement become easier.

Steel pressed cover

Durable steel cover is adopted and it is easier to repair damage such as scratch and dent.

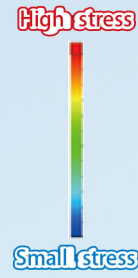


1st aux. piping port

Safety

ROPS compliant 4-post canopy

4-post canopy with a retractable seat belt is available as standard feature. Safety of operator has significantly improved (Fasten your seat belt when you operate).



Engine start system & safety lock system

The engine is turned on when that lever is in the neutral position. Auto-parking brake is activated when the lock lever is raised (Including dozer blade and swing). It offers high operating safety and prevents unexpected movements.



Traveling & Slewing parking brake

Parking brake is equipped to prevent unexpected movement and secure safety.

Emergency engine stop switch (HD33/37V5)

It is possible to stop the engine from outside of cabin at emergency situation.



Option

TOPS/ROPS/FOPS cabin (HD27V5/33V5/37V5/37V5G)
A/C (HD33V5/37V5/37V5G)



Durability

Connecting pin and bush

Quenched pin and bushing are employed for the joints of attachment, which improves the durability. Reinforced arm, boom, bucket.

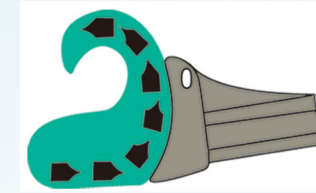


Reinforced dozer blade

Dozer blade arm adopts sturdy square tube structure. It is strong and durable against twist.

Strong dozer blade

The new type blade improves durability.



Solid track link

The thickness of track link is greatly increased to enhance the durability.



Boom swing pin

Single large size pin reduces the wearing and the rattling sounds.



X-shaped under carriage (HD27V5/33V5/37V5G)

It enhanced the strength against twist. Mud drainage performance has increased and cleaning is now carried out with ease.



High temperature resistant hydraulic hose

Heat Resistant hydraulic hose improves durability.

