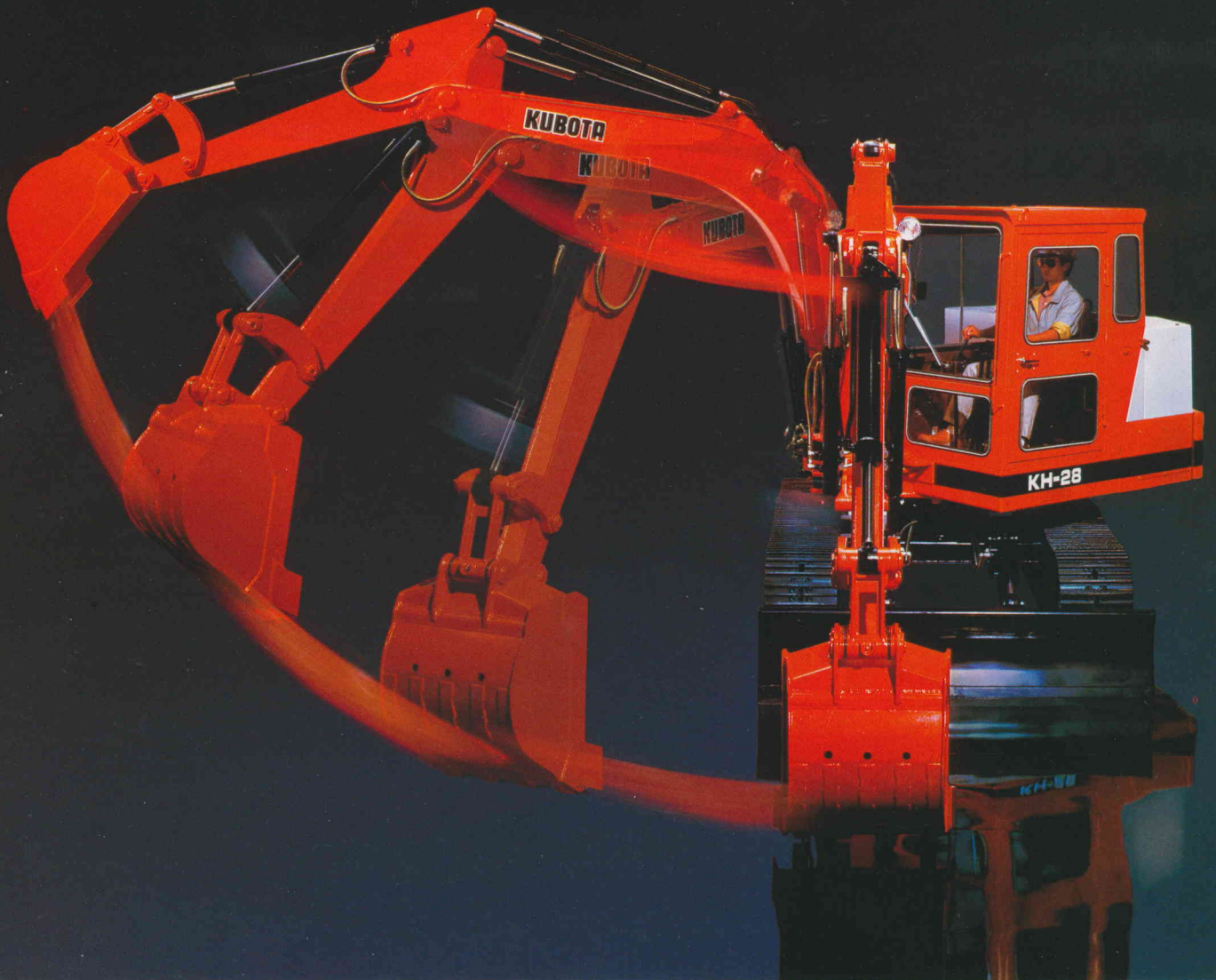


# KUBOTA EXCAVATOR

## MODEL KH-28





## Here is Kubota's answer.

### What the users were asking for:

- Greater working efficiency than 4-ton class excavators.
- Easy maneuverability on soft ground.
- High durability and minimal maintenance requirements.
- 5- to 6-ton class excavators with dozer blades, for side-ditching.

This is a compact machine which can complete large excavating and earth-moving jobs, as well as small jobs in restrictive areas.

KUBOTA's experience in designing and producing compact yet powerful equipment made possible the development of this new, full swinging excavator, the KH-28: THE GIANT AMONG MINIS. The KH-28 is a 5.2-ton excavator with a swinging boom, a bucket with a big 0.28 cubic meter capacity, and many other advanced features.

**Power, reliability, and efficiency.  
The Kubota KH-28 plays a vital role  
at a variety of work sites.**



# Power and precision ..... dynamic excavation

## Advanced Features



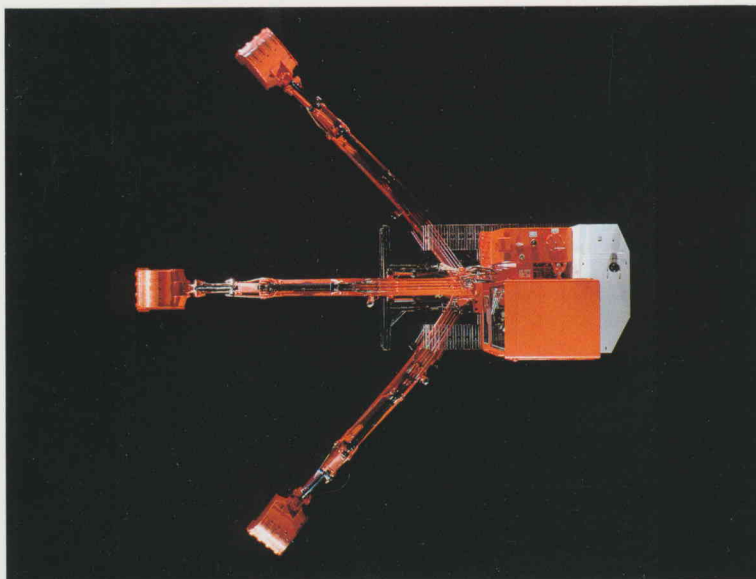
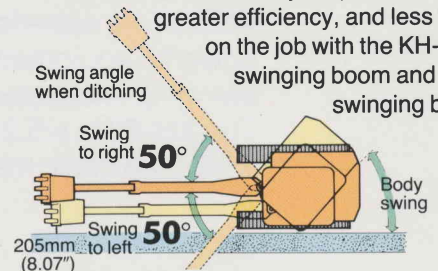
### After all ..... It's a KUBOTA!

The KH-28 can do more heavy work than its compact size suggests. With a bucket width of 650mm (2' 1.59"), and a bucket capacity of 0.28 cubic meters the KH-28 offers the largest capacity of any minis. Maximum digging force equals 3200kg (7055 lbs.) for the bucket, and 2550kg (5622 lbs.) for the arm. The KH-28's powerful hydraulics system is what provides it with the excavating of a 6-ton machine.

### Efficient boom swing for precision work

In response to customer demand for a 6-ton class machine with a swinging boom, Kubota developed the 5.2 ton KH-28. The KH-28's boom will swing up to 50 degrees in either direction. A combination of a swinging boom and a fully swinging body makes easy work of side-ditching, digging alongside walls and buildings, and making pipe joint excavations ..... all jobs where restricted movement is taken for granted. Furthermore less machine movement is required with the KH-28 due to its mini-like maneuverability. Experience

greater efficiency, and less time on the job with the KH-28's swinging boom and fully swinging body.



with a swinging boom and a large dozer blade. Design

## Performance

### An advanced 6-cylinder diesel engine with power to spare

The KH-28 is the only mini on the market today with a 6-cylinder engine. The S2600-D, Kubota's 6-cylinder, 42 horsepower, vertical water-cooled engine, is a reflection of the company's long-term experience in producing efficient, low noise and vibration-free machines.

42ps



### Powerful, positive traction on any ground

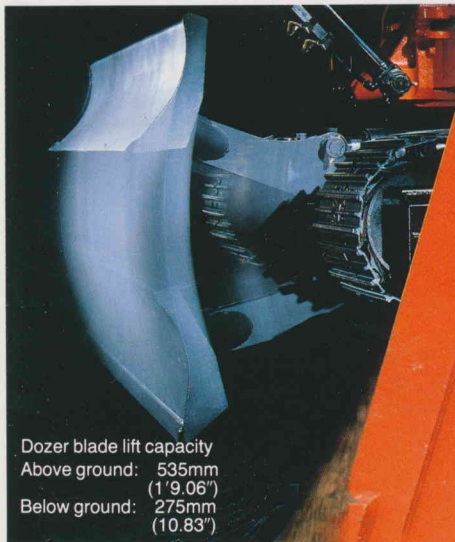
The KH-28 offers not only low contact pressure, but also high ground clearance and built-in drive motors. The floating seal roller and sprocket prevent muddy water from infiltrating the drivetrain and ensure uncompromising power and positive traction even on bumpy or soft ground.

Two speeds are possible-

3.4 km/h (2.11 mph) for quick movement.

1.8 km/h (1.12 mph) for operation on wet ground.

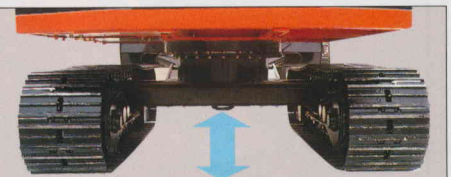
No other mini can match the KH-28 for speed and power.



Dozer blade lift capacity  
Above ground: 535mm  
(1'9.06")  
Below ground: 275mm  
(10.83")

### A powerful dozer blade for earthmoving and levelling

The extra large blade (2,010mm wide × 430mm high or 6'7.13" × 1'4.93") means you can move more soil in less time, making it easier to complete jobs quickly. To fully utilize this increased capacity the KH-28 also has an independent 3-pump hydraulic system to ensure quick blade movement and prevent blade response loss while the excavator is moving. From excavation to earthmoving the KH-28 increases both work capacity and speed.



Minimum ground clearance: 315mm (1'0.40")

Model	KH-28	KH-28S	KH-28L	KH-28LS
Ground contact pressure	0.286 kg/cm <sup>2</sup> (4.07 psi)	0.271 kg/cm <sup>2</sup> (3.85 psi)	0.215 kg/cm <sup>2</sup> (3.07 psi)	0.204 kg/cm <sup>2</sup> (2.9 psi)



# Designed for the operator's comfort and convenience.

## Comfort

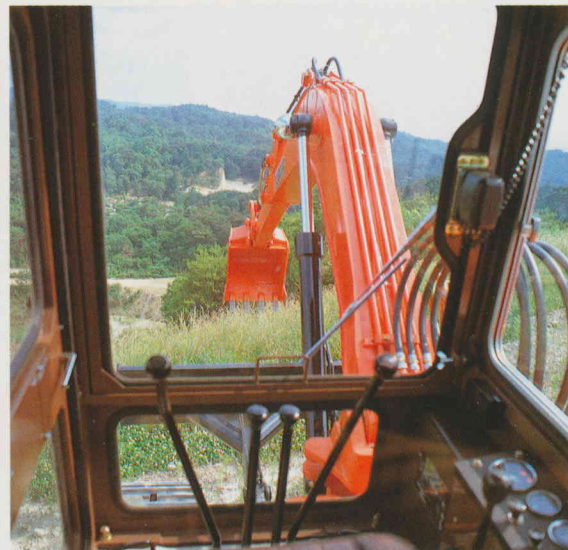
### A spacious, comfortable cabin

Designed with comfort and safety in mind, this spacious cabin offers easily accessible controls, yet ample leg and foot space. A cushioned floor mat and reclining seat are standard equipment. The seat can be adjusted up or down, as well as forwards or backwards to accommodate the operator's body. The front window can be slid open with a single touch for ventilation or vision purposes.



### Simplified lever operation plus a wide angle view

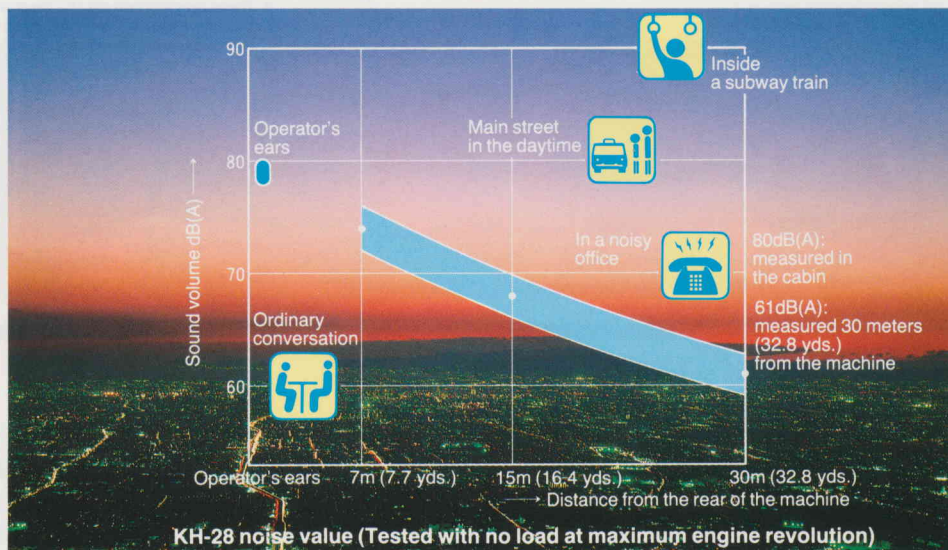
The combination of simplified design, practical placement, and light responsive control gives you the feeling of being a part of the machine. In particular body swing and boom swing are both controlled by the same lever with a foot operated switch to alternate the functions.



- The operation mode of the standard-cabin type can be specified to conform with the operational systems of other models and brands.

### Designed to minimize noise and vibration

The cabin is designed to minimize noise and vibration and consequently reduce operator fatigue. The interior noise value is a mere 80dB(A) while the noise value at a distance of 30 meters (32.8 yds) is only 61dB(A).



# KH-28 Large-Cabin Excavator

The large-cabin model is especially designed for greater operator comfort and convenience. It features headlights, a heater, a sun roof for extra ventilation, and a luxuriously designed interior.



*Designed to pass regulations  
in West Germany and Sweden.*



The operation levers are positioned at both sides of the seat, for fingertip operation efficiency.

## Easy inspection and maintenance

### Crawler shoe tension device with hydraulic adjusters

Hydraulic adjusters are employed in the crawler tension system. Lubrication is completed quickly and easily with a standard grease gun.



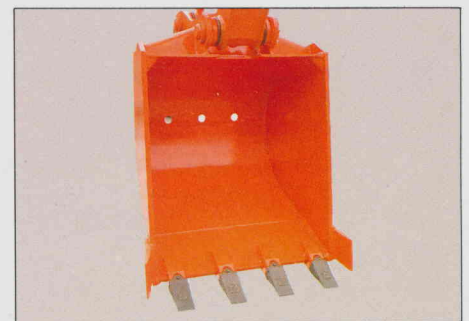
### One-touch opening engine hood

Inspection and maintenance are easy because of a one-touch, opening engine hood.

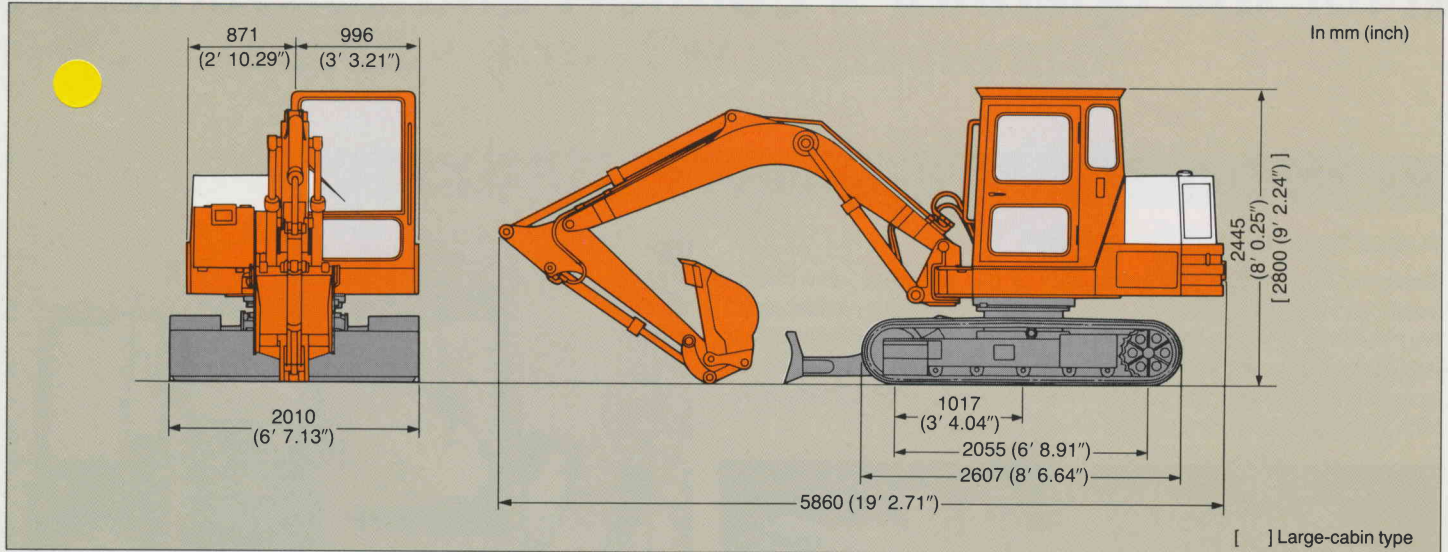


### Pin-locked bucket teeth

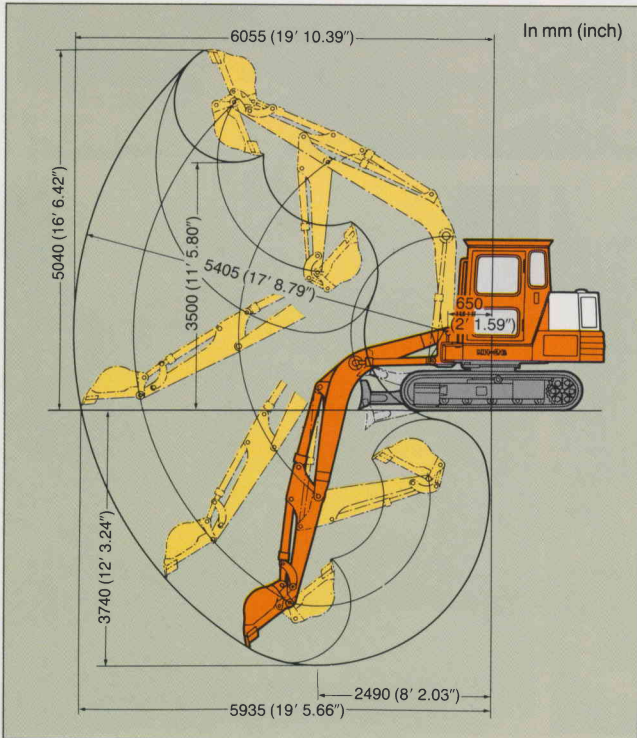
The bucket teeth incorporate a lock-pin design for easy maintenance and quick replacement.



## Major Dimensions



## Operation Space



## Specifications

Model	KH-28	KH-28S	KH-28L	KH-28LS	
	with dozer blade	without dozer blade	with dozer blade	without dozer blade	
* Weight	5200kg (11464 lbs.)	4940kg (10891 lbs.)	5350kg (11795 lbs.)	5090kg (11221 lbs.)	
Bucket capacity (standard)	Max. effective capacity		0.28m <sup>3</sup> (0.366 cu. yd.)		
	CECE		0.17m <sup>3</sup> (0.222 cu. yd.)		
Bucket width (standard)		650mm (2' 1.59")			
Engine	Model				
	Type				
	Power output	DIN 6270NB			42 PS/2200 rpm (30.89 KW/2200 rpm)
		SAE J816b			48 HP/2200 rpm (35.81 KW/2200 rpm)
Total displacement		2598cc (0.69 US gal.)			
Maximum torque		15.8 kgfm/1200 rpm (114.28 ft. lbs./rpm)			
Travelling speed		High: 3.4 km/h (2.11 mph) Low: 1.8 km/h (1.12 mph)			
Grade ability		58% (30°)			
Performance	Shoe width (standard)		400mm (1' 3.75")		
	Ground contact pressure		0.286 kg/cm <sup>2</sup> (4.07 psi)		
	Shoe width (standard)		550mm (1' 9.65")		
Dozer blade	Width × Height		2010mm × 430mm (6' 7.13" × 1' 4.93")		
	Blade capacity		0.37m <sup>3</sup> (0.48 cu. yd.)		
	Lift	Above ground		535mm (1' 9.06")	
Below ground		275mm (10.83")			
Hydraulic unit	Pump				
	Max. oil pressure		190 kg/cm <sup>2</sup> (2701.8 psi)		
	Discharge quantity				
Fuel tank capacity		75ℓ (19.82 US gal.)			
Boom swing angle		50° left/right swing			

- These specifications may be changed without notice.
- \* The large-cabin models weigh 50 kg more than the standard-cabin models.

## Attachments

- Flat shoe 400mm (1' 3.75")
- Triangle shoe 550mm (1' 9.65")
- Bucket 650mm (2' 1.59"): standard
- Bucket 300mm (11.81")
- Bucket 400mm (1' 3.75")
- Bucket 500mm (1' 7.69")
- Bucket 750mm (2' 5.53")
- Heater
- Long arm

## An optional service port

An extra hydraulic service port is available on demand. It accepts a wide range of hydraulically powered attachments. The port is a factory installed option and cannot be fitted after delivery of the excavator.



The Basic Necessities Giant  
**KUBOTA**  
 Kubota, Ltd.

Osaka Head Office: 2-47 Shikishigashi 1-chome, Naniwa-ku, Osaka, Japan-556  
 Cable Address: IRONKUBOTA OSAKA  
 Telex: KUBOTA JA J65251  
 Telephone: Osaka (06) 648-2159

Tokyo Office: 3, Nihonbashi Muromachi 3-chome, Chuo-ku, Tokyo, Japan-103  
 Cable Address: IRONKUBOTA TOKYO  
 Telex: 222-3671 KUBOTA J  
 Telephone: Tokyo (03) 279-2111

CAM-TRAC BERNIERES INC.  
 830, CHEMIN OLIVIER  
 BERNIERES, P.O.  
 GOS 100 — TÉL.: 831-2324