

# ZAXIS 70

■ **Rated Engine Power** : 40.5 kW (55 PS)

■ **Operating Weight** :

ZAXIS70 : 6 300 kg

ZAXIS70LC : 6 400 kg

■ **Backhoe Bucket** :

PCSA Heaped : 0.13 - 0.33 m<sup>3</sup>

CECE Heaped : 0.12 - 0.29 m<sup>3</sup>

# Futuristic Performance



## Easier To Use

### (Multi-purpose machine)

- Increased front speed: Swing-independent 3-pump hydraulic system.
- 26% more leveling speed (compared to EX60-5).
- 4% more travel power (compared to EX60-5).
- Travel speed increased by 5km/h.
- Three auxiliary ports (valves) as standard equipment.

## Cab Designed For Comfort

### (A comfortable place for the operator)

- AM-FM radio as standard equipment.
- Auto control air conditioner as optional.

## Lower Running Costs

### Stronger structural component design

- Increased wear resistance of bucket joint:  
WC thermal spraying.
- New HN bushing offers improved grease retention.
- SC (Self Cleaning) paint.

## Lower Maintenance Costs

### Reduced maintenance time and expense

- Daily inspection from ground level.
- Extended lubrication interval at bucket joint section (Every 500 hours).
- Extended replacement interval for hydraulic oil filter (Every 1 000hours).

#### Notes :

1. Never leave the front attachment in a raised position. Make sure the front attachment is lowered to the ground before leaving the equipment unattended. (Some of the pictures in this catalog show an unmanned machine with attachments in an operating position. These were taken for demonstration purposes only and the actions shown are not recommended under normal operating conditions.)
2. Caution plates on the machine will vary according to country.
3. Photos include optional equipment.





CRES



ZAXIS  
70

Z A X I S

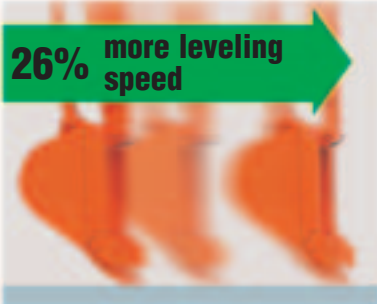
# Smarter & Faster.

ZAXIS uses advanced technology to reduce costs while working faster.



## Faster Front Operations (compared to EX60-5)

The arm circuit uses a new combination of 3 pumps to provide not only independent speed but also increased speed during leveling operations as well. (26 % more horizontal front pulling speed)



## Wider Operating Range (compared to EX60-5)

Offers a wider range of operation than the EX60-5. In particular, the maximum vertical wall depth has been increased to 3 730 mm. And also, the minimum digging radius has been improved.



Increase in maximum vertical wall depth

**210 mm**



*\* Image shown is for explanation purposes only.*



### Travel Power You Can Depend On

A new automatic 2-speed travel motors are used to increase travel power and speed.

**4%** more travel power  
than EX60-5

Travel speeds:  
4.8km/h EX60-5

▶ **5.0km/h**

### Three Auxiliary Ports (Valves) as Standard Equipment

These ports make it easier to use attachments.



**Minimum Effort.**

**Maximum Efficiency.**

Operator's compartment is designed for both comfort and operating efficiency.



**Easy-to-Monitor Instruments**

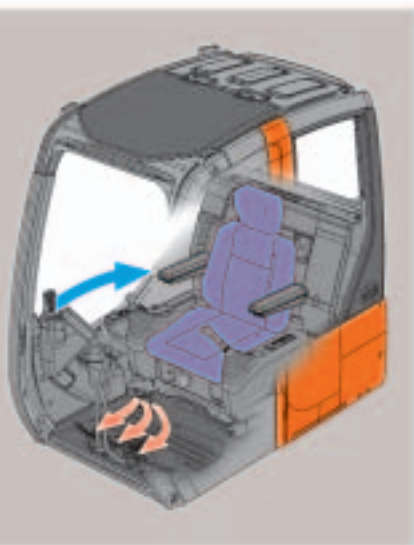
Strategically positioned instruments allow the operator to monitor the status of key areas with just a glance.

**Easy-to-Operate**

Switches and other essential controls are located near the operator. This helps keep operator movement to a minimum, enhancing control and helping to fight fatigue.

**Auto Control Air Conditioner (Option)**

Simply set the temperature and forget about it. Ducts are positioned to promote even air flow throughout the cab.



\* Illustration shows a sample of the air flow during bi-level control.



Enhanced visibility on the lower right side



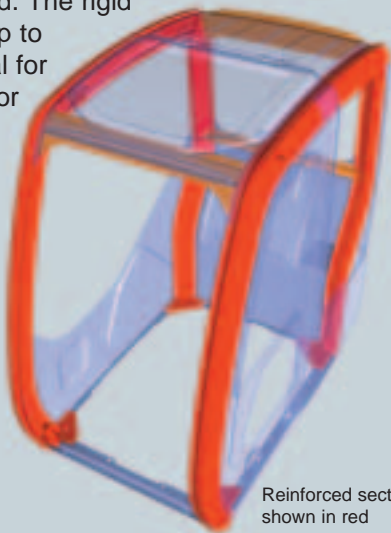
AM-FM radio as standard equipment



## Safety & Service

### Corner Reinforced Structure (CRES) Cab

The cab is designed with "just in case" protection for the operator in mind. The rigid cab design can help to reduce the potential for injury to the operator in the event of an accident.



Reinforced sections shown in red



Pilot-control shut-off lever



Seat belt



Left side rearview mirror



Right side rearview mirror

- Emergency evacuation hammer
- Idler direction mark
- Large overhead window
- Emergency engine stop knob
- Right window guard



Easy lock front window latch



Storage box



Slide window



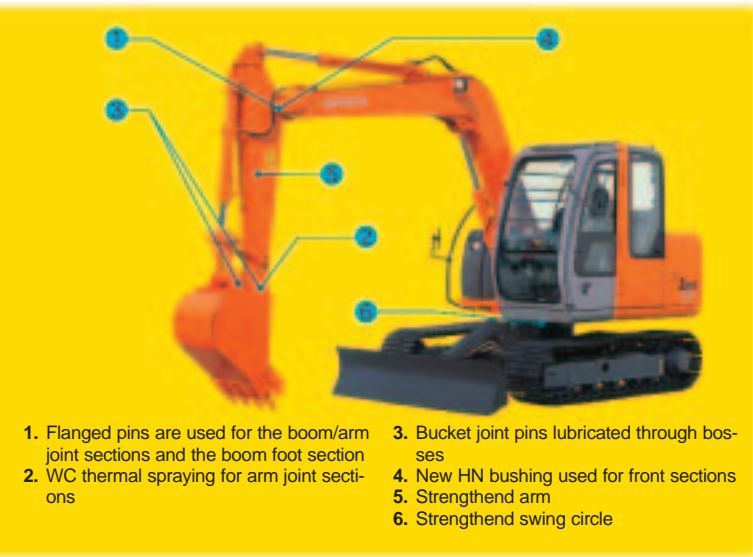
Drink holder



# Functional & Durable.

Extensive steps have been taken to support basic performance and overall durability.

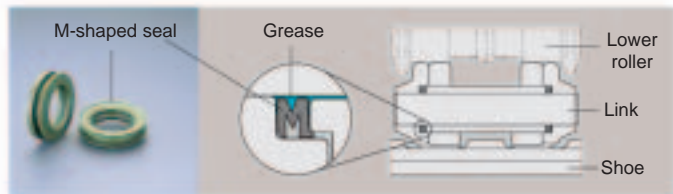
## Lower running costs



1. Flanged pins are used for the boom/arm joint sections and the boom foot section
2. WC thermal spraying for arm joint sections
3. Bucket joint pins lubricated through bosses
4. New HN bushing used for front sections
5. Strengthend arm
6. Strengthend swing circle



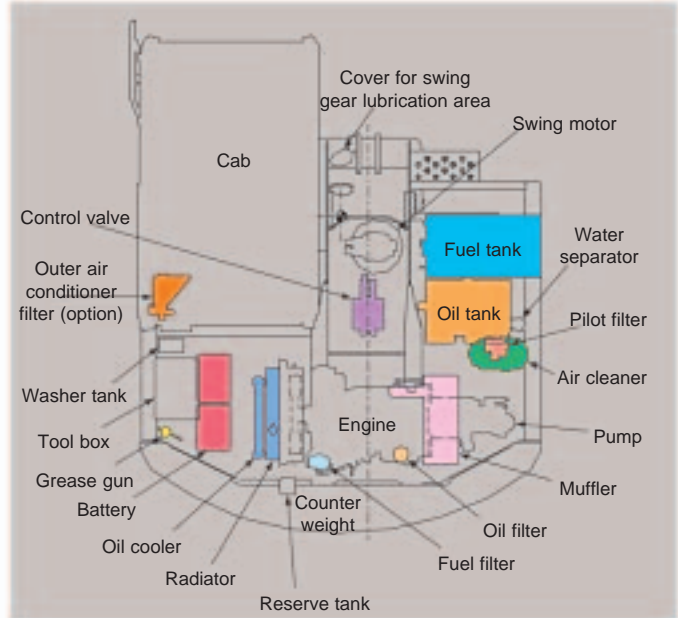
**WC (Tungsten Carbide) Thermal Spraying**  
Used at arm end and bucket connection to increase wear resistance and reduce jerking.



**Longer Track Link Service Life**  
The M-shaped track link seal is used to enhance grease retention.

## Smart Saving

Advanced technology helps reduce maintenance costs



### Servicing Access is at Ground Level to Speed Daily Inspection

A wide maintenance area helps daily inspection and repair operations.



**New HN Bushing Used**  
A special grease groove is used to enhance grease retention inside the HN bushing.

Time between lubrication of bucket components extended to **500 hours**

### Hydraulic Oil Filter Only Needs Replacement Every 1000 Hours



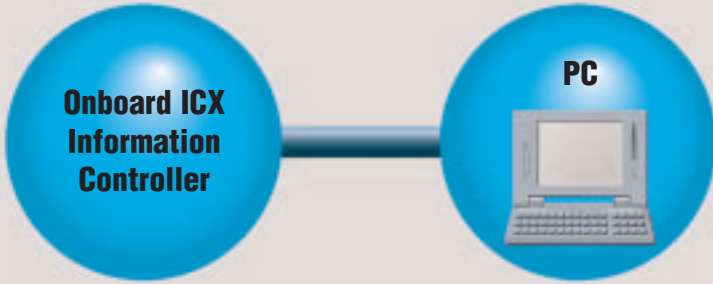
The hydraulic oil filter can be used nearly twice as long as the previous model, dramatically reducing maintenance time and expense.

**1 000 hours** between hydraulic oil filter replacement

### Swing Gear Reduction Unit Does Not Need Lubricant Change

Lubricated by hydraulic oil.

■ **Equipment Operation Status Report**

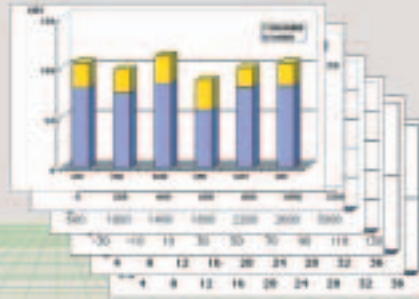


# Information Technology Support.

Providing the data for making the right decisions.

**Information Services for Equipment**

- Operation record
- Error record
- Alarm record
- Frequency distribution
- Radiator coolant/hydraulic temperature etc.



**Engine oil filter and standard water separator are located for easy access.**

Water separator

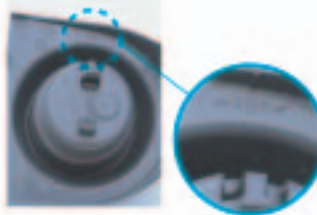


**Undercarriage Designed for Easy Mud Removal**

**Environmentally Friendly**

**Emissions Control Engine**

Conforms to U.S. EPA Tier 2 and EC Tier 2 emission regulations.



**Labeled Plastic Parts**

The plastic parts indicate the type of plastic used to help speed recycling.

**Lead-free Wiring  
Aluminium Radiator and Oil Cooler**





## **Hitachi Construction Machinery (Europe) NV**

Souvereinstraat 16 4903 RH Oosterhout

P.O. Box 404, 4900 AK Oosterhout, The Netherlands

**T** +31(0)162 484 400, **F** +31(0)162 457 453, **URL** : [www.hcme.com](http://www.hcme.com)

Sicilieweg 5, haven 5112, 1045 AT Amsterdam

P.O. Box 59239, 1040 KE Amsterdam, The Netherlands

**T** +31 (0)20 4476700, **F** +31 (0)20 3344045, **URL** : [www.hcme.com](http://www.hcme.com)

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.

**KS-E379P**

**06.03**