



**HITACHI**

COMPACT-CLASS EXCAVATORS

ZAXIS

17U-2

27U-2

35U-2

50U-2



■ ENGINE:

Yanmar engines are fuel efficient and powerful, plus deliver field-proven reliability and meet current emissions requirements.

■ BOOM AND ARM DESIGN:

Similar design to bigger models for extreme applications. Bucket cylinder hose is housed inside the arm for protection. Improved boom cylinder guard for greater durability.

■ ATTACHMENT:

Quick-coupler and hydraulic-attachment package comes standard, as does an auxiliary-function foot control.

# WE BUSTED OUR TAIL SO YOU WON'T BUST YOURS

## TINY TITANS

Jobsites seem to be shrinking in size, along with budgets and schedules. Rather than resort to time-consuming handwork, use one of our Zaxis Compact Excavators instead. Our tiny titans are nimble, powerful, and designed to keep their tails close to their tracks rather than bashing into fences or walls. The ZX17U-2 can glide through a 40-inch opening.



Single large swing pin increases the stiffness of the boom and arm, eliminating jerky movements for smoother operation.

## HITACHI PERFORMANCE

Our Zaxis Compacts are engineering marvels. We've reduced the size and footprint without sacrificing those distinctive Hitachi qualities you've come to expect — like long life, high productivity, multifunction operations, smooth hydraulics, and ease of maintenance. Zaxis Compacts feature the same reliability and performance of larger Hitachi models.

## TOUGH COMPONENTS

Don't equate small with flimsy. The cover is steel, not plastic. The reinforced D-shaped frame is like that found on bigger members of the Zaxis family. Lubricant-impregnated HN bushings are used for greater reliability and increased service intervals. The highly durable box-section frame, enlarged counterweight, and weighted undercarriage lower the center of gravity and increase stability. Rubber crawlers feature a steel core structure to protect shoe edges. Large-diameter drive sprocket and track idler increase durability and reduce the likelihood of a thrown track. We even offer a long-arm/heavy-counterweight option that extends digging depth and reach.

## OPERATOR COMFORT

Just because our machines can squeeze in and out of tight spaces doesn't mean your operator has to. The canopy provides generous openings for easy entry and exit. Pilot controls are on the left- and right-hand side of the operator. Pilot levers are spaced far enough apart for the largest operator and feature wrist rests for added comfort. A factory-installed suspension seat is available. An enclosed cab option, available on most models, comes standard with air conditioning and heat, as well as a cloth suspension seat.

## EASY TO MAINTAIN

On the three largest compact models, the cabin floor can be tilted up to 50 degrees for easy, quick servicing. All models feature an easy-to-open side-access door. Inspection points are concentrated for quick daily maintenance. The X-beam track frame is rounded for easy mud removal, while the one-sided slope on the side track frame minimizes mud packing. Split-type front hoses are jointed at the machine cover ports and the back of the boom for easy replacement.

*\*Some items not available on all models.*



Efficient zero- and near-zero-tail-swing designs lower the center of gravity, increase stability, and let you work in tight areas.

# WORK WHERE OTHERS CAN'T

## Maneuverable and Versatile



### TUCK YOUR TAIL AND RUN ALL DAY

If you can get your tracks into the space, then you can work — that's the beauty of the Zaxis Compacts. Their ability to work in confined areas means they are easily positioned to get closer to buildings and obstructions.

The smallest compact, the ZX17U-2, takes this one step further with its expandable undercarriage. Retract the undercarriage for transport, then

expand it for excellent stability during operation. Worried about the blade being wider than the excavator itself while walking the machine into position? The ZX17U-2's standard backfill blade has foldable end sections, so it can fit through narrow openings such as doorways.

Two travel speeds get you from Point A to Point B in a hurry. During high-speed travel, if the load increases (during a turn, for example), the Auto-

matic Travel Speed Control\* senses this and smoothly lowers the travel speed. When the load is decreased, the higher travel speed is resumed.

The standard rubber tracks are extraordinarily tough with their steel core structure and are suitable for most any surface — yet they won't leave a trail of destruction on yards or pavement. Steel tracks and rubber crawler pads are available as options.

*\*Not available on the ZX17U-2.*



## PICK AND CHOOSE

Zaxis Compacts — with their reduced-tail-swing footprint, swinging boom, and backfill blade — open up new opportunities for you. And when you consider the standard quick-coupler/hydraulic-attachment package, the possibilities are almost endless.

The manual quick-coupler makes fast work of bucket and attachment switchovers. Boom-mounted auxiliary hydraulic lines and an auxiliary return-flow selector valve accommodate both one- and two-way hydraulically driven attachments. Use buckets, clamps, hydraulic wrists, breakers, augers, compactors, and more. An auxiliary-function foot control comes standard.



Hitachi hydraulics are legendary — even in our compacts. The controls are sensitive and deft. Multifunction operations mean the operator can easily execute simultaneous operations such as swinging and traveling.

A long-arm/heavy-counterweight option is available for those who need more digging depth and reach.



The ZX17U-2 features a backfill blade with foldable wings, and tracks that narrow to just over three feet to work in places with tight access points. Tracks extend out to 50 inches (1280 mm) for outstanding stability during operation.



# ALWAYS COMFORTABLE, ALWAYS IN CONTROL

## C a b



### WORK HARD, AND FEEL LIKE YOU'RE HARDLY WORKING

Let's face it — compacts can be rough on the body. Ours come with an adjustable seat to provide day-long comfort for any operator. A factory-installed suspension seat is also available. Foot pedals, when not in use, can be folded away for increased foot room\*. The three larger models feature Automatic Shifting that leaves the floorboard uncluttered for greater comfort. The ZX17U-2 uses a propel-speed switch in the front left corner of the floor.



Ergonomically correct low-effort pilot controls are on the left- and right-hand side of the operator. They are spaced far enough apart for the largest operator and feature wrist rests for added comfort. The control-pattern selector valve easily accommodates operator preferences. Go from backhoe- to

excavator-style controls with just a twist of the wrist.

Zaxis Compacts come standard with a ROPS/FOPS canopy. Entryways are generous for easy entry and exit. Visibility is virtually unobstructed and provides a commanding view of the work at hand as well as the jobsite all around. The LCD monitor is easy to read and positioned to further improve the view from inside the cab. One quick glance is all it takes to verify that systems are normal. The monitor also features two trip meters to help track scheduled maintenance or jobsite timing\*. We've even provided a cup holder and a 12-volt outlet.

*\*Not available on the ZX17U-2.*





An enclosed cab is available for the three largest models. Heat and air conditioning, plus a cloth suspension seat, are standard with the cab option. Whether you choose a canopy or cab, both rest on four shock-absorbing rubber mounts for more cushioned operation and noise isolation.

## FUEL-EFFICIENT ENGINE

Zaxis uses the latest technologies to achieve lower total operational costs while boosting productivity. The reliable direct-injection Yanmar engine provides an excellent balance of power and fuel efficiency while meeting current emissions requirements.

The compacts use a neutral engine start system. The engine can start only when the pilot control shutoff lever is locked. This eliminates unexpected lurching when the engine starts up. All our compacts use a key start switch with electric fuel shutoff.

The Yanmar engine, combined with a low-noise muffler, makes our compacts quiet and more environmentally friendly. Wiring is lead-free, and plastic parts are labeled for easy recycling.



# LOWER OPERATING COSTS

## Easy to Maintain

### IT'S EASY TO KEEP 'ER RUNNING

Our Zaxis Compacts have earned a reputation for outstanding reliability and low owning and operating costs over the life of the machine. Hitachi engineers have gone to great lengths to keep things simple, durable, and efficient while retaining many characteristics of our larger excavators.

The reinforced D-shaped frame helps prevent impact damage along the edges. Job-proven HN bushings on the boom, arm, and bucket are used for greater reliability. These ooze oil from the pores of the bushing into the clearance between the pin and bushing to increase greasing intervals.

The cover is steel, not plastic. The highly durable box-section frame, enlarged counterweight, and weighted undercarriage lower the center of gravity and increase stability. Rubber crawlers feature a steel core structure to protect shoe edges when riding on curbs. Large-diameter drive sprocket and track idler increase durability and reduce the likelihood of a thrown track.



Easily accessible areas allow easy-to-do routine maintenance.



The X-beam track is rounded for smooth mud removal. One-sided slope on the track side promotes mud slide-off.



## DAILY MAINTENANCE

Inspection points on all four compacts are concentrated for quick daily maintenance — just open two covers. On the three largest models, the cabin floor can be tilted up to 50 degrees for easy, quick servicing, even in case of an emergency. This gives direct access to the swing mechanism and starter motor behind the engine located under the cabin floor. All models have an easy-to-open side-access door for wide-open access to components.

For convenient servicing, we ditched the traditional swing-open engine cover in favor of one that slides up and down — perfect for confined spaces. The right side cover swings vertically for a quick battery check.

The X-beam track frame is rounded for easy mud removal, while the one-sided slope on the side track frame minimizes mud packing. Split-type front hoses are jointed at the machine cover ports and the back of the boom for easy replacement.

Extended service intervals — 500 hours for engine-oil change\*, 500 hours for greasing\*\*, and 2,000 hours for hydraulic-oil change — help minimize daily operating costs.

*\*250 hours on the ZX17U-2, \*\*100 hours on the ZX17U-2.*



Inspection points are concentrated for quick daily maintenance.





## DEALER and SERVICE NETWORK Support



Thousands of critical parts needed to keep a machine running are kept on hand.

### A DEALER FOR THE LONG HAUL

Hitachi excavators are world-class — so are our dealers. That's why a dealership must meet a number of exacting requirements in customer satisfaction, service, and tech support before it can carry the Hitachi line.

### STRONG SUPPORT

Parts play an integral role in maintaining productivity and value. Non-emergency parts are stored in two national parts centers. Eleven field depots warehouse thousands of parts classified as “critical” — those parts needed to maintain and keep machines running.

Hitachi also offers remanufactured hydraulic and cylinder components that equal or beat OEM standards.

They are tested and certified for correct performance, then backed by a one-year/1,500-hour warranty for both parts and labor when installed by a Hitachi dealer.

### MAKING THE DEAL

Your Hitachi dealer is focused on building a strong relationship with you. You can count on him for helpful assistance when it comes to spec'ing the best product for the best price. He can also offer a variety of attractive financing agreements. And whether your service needs are in the field or the shop, his staff of well-trained, well-equipped technicians will do the job right in a timely manner and at a fair price. Partnership for the long haul — that's the focus of your local Hitachi dealer.

# A HISTORY OF ACHIEVEMENTS, POISED FOR THE FUTURE

## Success

### 1,500,000 ASSEMBLED... AND COUNTING

From super-small compacts to monster mining machines, Hitachi makes the widest product line of excavators in the world. Hitachi excavators sold in North America are built at the huge Tsuchiura plant near Tsukuba, Japan, and in Kernersville, North Carolina. These plants feature the latest technologies and industry-leading engineers and technicians.

### TSUCHIURA WORKS

Covering over 5.3-million square feet (490,000 m<sup>2</sup>), the Tsuchiura Works in Japan manufactures a complete range of construction equipment including hydraulic excavators, crawler cranes, and tunnel-boring machines. The facility houses a hydraulic machinery plant producing pumps, motors, and other hydraulic machines. Tsuchiura also has a parts division and various laboratories including state-of-the-industry research and development.

### KERNERSVILLE PLANT

Deere-Hitachi is a 50-50 joint venture. Formed in 1988, the Kernersville, North Carolina-facility employs about 1,000 workers and manufactures Zaxis 200LC-3, 240LC-3, 270LC-3, and 350LC-3 hydraulic excavators for sale in North and South America.



We are as passionate as ever about this industry.  
We are dedicated to building the best equipment  
in the world, and we continue to improve them.

# HITACHI

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