

# H27DR Zero-Tail Swing

**HANIX**  
MINI EXCAVATORS



*Japanese design and craftsmanship*

# H27DR High specification zero tail swing



## Versatility

- Compact 'zero tail' design maximises output on space restricted work sites.
- Two-speed travel and straight line tracking.
- 2-way proportional auxiliary hydraulic service for operating a variety of attachments such as breakers and augers.
- Spacious comfortable cabin with heater for operation in all weathers.



*Daily checks easily performed via the rear opening engine canopy.*

**The Hanix H27DR is ideally suited for tasks where access and working space dictate a compact machine without compromising performance.**

The long track undercarriage provides an excellent balance between stability and digging performance.

With the combination of a fuel-efficient Kubota engine and a variable displacement hydraulic piston pump, machine performance is optimised.

Featuring steel bodywork throughout and a wrap-around counterweight, the machine is well suited to a variety of site conditions. Additionally, the grip-mounted 2-way proportional auxiliary hydraulic control ensures maximum versatility with the ability to use a variety of hydraulic attachments.

# excavator designed & manufactured in Japan

## Serviceability

- Large engine canopy allows ease of access for daily checks. Large easily removable service covers enable access for more involved servicing tasks.
- 2-piece dozer hoses allow for easy and cost-effective replacement if damage occurs.
- Bushed boom bracket and turntable enables cost-effective replacement of wear parts.
- Factory-fitted hydraulic test points ease fault diagnosis if the need should arise.
- Reliable and efficient technology with no requirement for electronic diagnosis.

## Ease of operation

- Pilot operated hydraulic controls aid smooth and precise operation.
- Excellent all round visibility.
- Thumb-operated proportional boom swing and auxiliary hydraulic functions integrated into joysticks.
- Adjustable operator's seat with suspension.
- Auto engine idle and shutdown function aids economy.

## Safety

- Lever lock prevents inadvertent hydraulic operation and starting of the engine
- Battery isolator switch.
- Emergency boom lowering valve.
- Auxiliary electrical power socket for beacon.
- ROPS & FOPS cabin.
- Retractable seat belt.
- External mirrors.
- Compact zero tail design helps reduce risk of contact with objects and personnel.



*Spacious and comfortable cabin with a steel-framed door. With no curved glass on the machine, glass replacement is simplified should the need arise.*

*Short pitch rubber tracks help to reduce vibration whilst the wide track bed and long track arms aid stability.*



*The zero tail swing design ensures maximum productivity in space restricted areas enabling the machine to work tight to boundaries and structures.*

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# H27DR Specification

## Standard Features

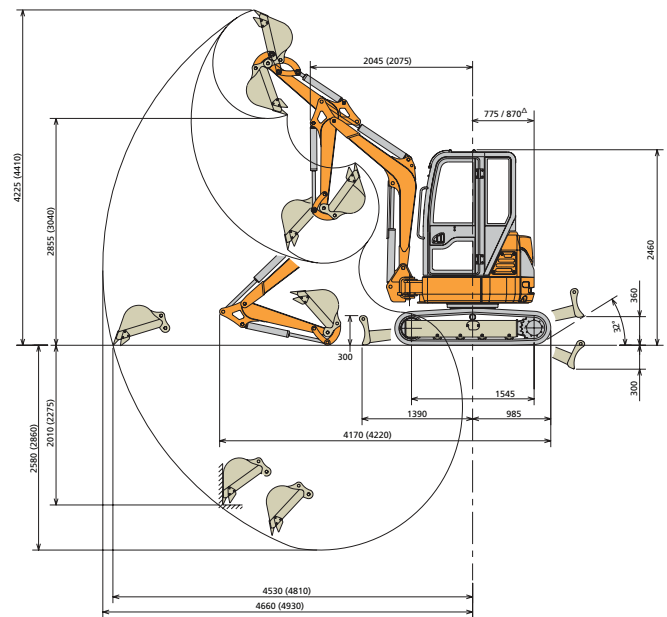
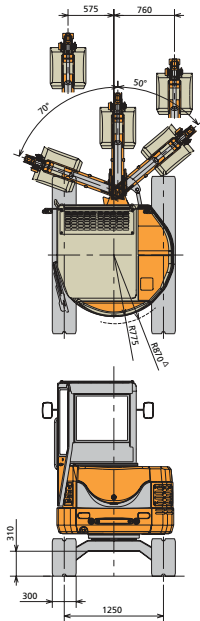
- 2 year or 2000 hour warranty\*
- Pilot controlled hydraulics for **ALL** hydraulic functions
- Variable displacement hydraulic piston pump
- Pressurised hydraulic reservoir for optimum performance
- 2-way proportional control auxiliary hydraulic service (PTO)
- 2-piece dozer blade cylinder hoses
- Emergency boom lowering valve
- Boom and turntable work lights
- Safety lock lever
- Battery isolator switch
- Auxiliary electrical power socket
- Bushed boom bracket & turntable
- Boom cylinder protection
- All steel bodywork with wrap-around counterweight
- Double element engine air filter
- ROPS & FOPS Cabin
- Heater
- Gas-assisted easy action 'up and over' front upper window
- Removable front lower window with stowage behind operator's seat
- Steel-framed door
- Flat glass for easy cost-effective replacement
- Cup holder
- External mirrors
- Cesar / Datatag fitted
- Hydraulic accumulator

## Options

- Steel Crawler
- Long arm
- Additional counterweight\*\*

\* Subject to terms and conditions.

\*\* No longer Zero-Tail Swing



<sup>A</sup> Optional additional counterweight

Standard (Long)

### MACHINE SPECIFICATIONS

Machine Weight - Cabin Rubber Tracks <i>Standard (Long)</i>	kg	2690 (2825)
Dimensions [Length <i>Standard (Long)</i> / Width / Height]	mm	4170 (4220) / 1550 / 2460
Dozer Blade Dimensions (Width / Height)	mm	1550 / 300
Noise Level (LwA / LpA)	dB(A)	93 / 77
Ground Pressure - Cabin Rubber Tracks	kPa / psi	26.7 / 3.87

### ENGINE

Make / Model / Cylinders / Displacement (cc)	Kubota / D1105 / 3 / 1123	
Rated Power	kW / ps	14.4 / 19.6 @ 2400 rpm
Maximum Torque	Nm	45.4

### WORKING RANGE

Maximum Digging Depth <i>Standard (Long)</i>	mm	2580 (2860)
Maximum Digging Height <i>Standard (Long)</i>	mm	4225 (4410)
Maximum Dumping Height <i>Standard (Long)</i>	mm	2855 (3040)
Maximum Vertical Digging Depth <i>Standard (Long)</i>	mm	2010 (2275)
Maximum Digging Radius <i>Standard (Long)</i>	mm	4660 (4930)
Maximum Reach at Ground <i>Standard (Long)</i>	mm	4530 (4810)
Minimum Turning Radius Front <i>Standard (Long)</i>	mm	2045 (2075)
Minimum Turning Radius Swing <i>Standard (Long)</i>	mm	1685 (1715)
Rear Turning Radius <i>Standard Counterweight (Additional Counterweight)</i>	mm	775 (870)
Boom Swing Angle (L / R)	degrees	L70 / R50

### PERFORMANCE

Maximum Digging Power (Bucket / Arm)	kN	21.6 / 16.3
Travel Speed (Low / High)	km/h	2.2 / 4.1
Slew Speed	rpm	11
Gradeability	degrees	30

### HYDRAULIC SYSTEM

Hydraulic Pump Types	Piston x 2 + Gear x 2	
Hydraulic Pump Flows	litres / min	33.6 x 2 + 22.8 + 6.5
Auxiliary Hydraulic Flow (PTO)	litres / min	56.4
Relief Pressures	Mpa	21.6 x 2 + 17.2 + 3.4

### FLUID CAPACITIES

Fuel Tank	litres	31
Hydraulic Tank	litres	55
Engine Oil	litres	3.6
Cooling System	litres	4
Travel Motor Reduction Gearbox	litres	0.6



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