

Yato | Code YT-82131 | Sku 1082135

Rotary Hammer SDS-Max 20J 1400W

Overview

A very powerful combi-type impact hammer. Ideal for installers for serial drilling of electrical boxes, drilling for cables and pipes, and installation penetrations in walls when laying cable routes or installing air conditioning and ventilation. A sensitive safety clutch protects the tool and operator when the drill bit jams in reinforced concrete, while the large power and matching high RPM significantly speed up work. The 20 J impact energy and 2900 strokes/min frequency enable very efficient forging in hard concrete and reinforced concrete (high-frequency vibrations crush the material fastest). Fast drilling with SDS-Max core bits up to 150 mm in diameter and twist drills up to 50 mm in diameter (no jamming of the drill spiral even with large quantities of material). Infinitely variable speed and frequency control. The vertically positioned motor is more resistant to vibrations generated by the electropneumatic mechanism acting along the tool axis. Optimal position of the center of gravity and low weight (7 kg) in relation to high power. The precise SDS-Max chuck fits chisels of other brands, and the anti-vibration handle provides comfort. Copper insulated winding, packaged in a durable carrying case. High power (20 J) obtained through the large diameter of the piston and 1300 W commutator motor made of copper (rotor + stator) means faster work speed and less user fatigue. The quality of the seals in the impact mechanism allows for continuous operation — the hammer can be used for serious work requiring forging cycles of 3–4 h. The high-quality tool holder does not jam chisels. With its vertical motor and short body, the center of gravity is centrally located, providing perfect balance without tiring the operator, and the excellent power-to-weight ratio and short body allow frequent repositioning to forge at different angles.

Key Technical Specifications

Brand	Yato
Power	1300 W
Stroke	yes, electropneumatic
Symbol	YT-82131
Weight	9.7 kg
Voltage	220-240 V a.c.
Frequency	50 Hz
Functions	forging, drilling with impact
Rotations	300-540 min ¹
Vibrations	20.93 ± 1.5 / 23.19 ± 1.5 m/s ²
Application	concrete, reinforced concrete, brick
Set includes	impact drill, additional handle, drilling depth limiter
Producer code	5906083057601
Acoustic power	106.0 ± 3.0 dB(A)
LED indicators	yes
Rotation switch	no
Toolholder type	SDS-Max

Hammering energy	20 J
Impact frequency	2900 min ¹
Protection grade	IP20
Acoustic pressure	95.0 ± 3.0 dB(A)
Electric insulation class	II
Tool positioning in chuck	yes
Electronic rotation adjustment	yes
Max. hole diameter in concrete with core bit	150 mm
Max. hole diameter in concrete with twist drill	50 mm

Key Points

- Sensitive safety clutch protects the tool and operator when the drill bit jams in reinforced concrete
- 20 J impact energy and 2900 strokes/min for efficient forging in hard and reinforced concrete
- Fast drilling with SDS-Max core bits up to 150 mm and twist drills up to 50 mm in diameter
- Infinitely variable speed and frequency control
- Vertically positioned motor is more resistant to vibrations along the tool axis
- Optimal center of gravity and low weight of 7 kg relative to high power
- Precise SDS-Max chuck fits chisels of other brands
- Anti-vibration handle for comfort
- Copper insulated winding; supplied in a durable carrying case
- High-quality tool holder allows easy chisel removal even after prolonged work
- Suitable for continuous, serious work with forging cycles of 3–4 h