

TAKEUCHI

DDiesel Electric

Diesel/Electric **H[⚡]BRID**

TB 216



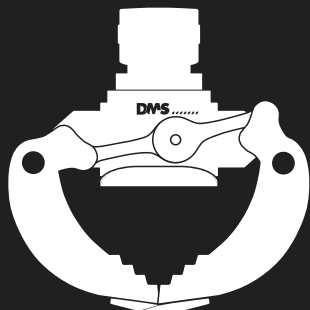
HYBRID EXCAVATOR

The excavator with a second engine for indoor and outdoor use



VARIOUS ATTACHMENTS

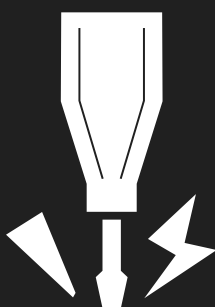
GRAPPLE



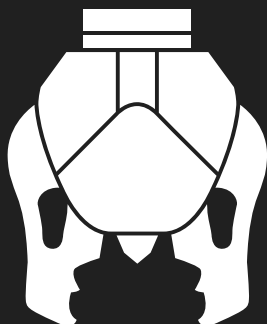
BUCKET



HYDRAULIC BREAKER



CONCRETE CRUSHER

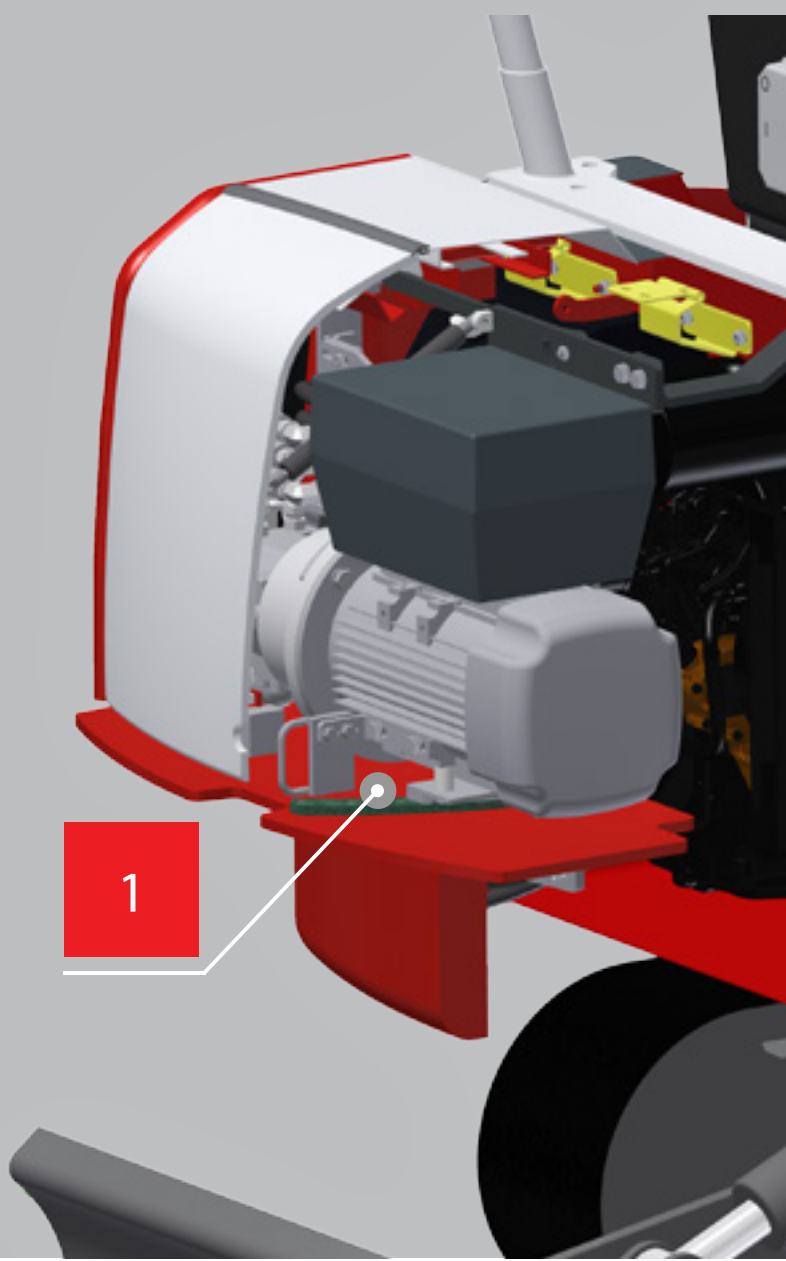


TB 216

H^YBRID

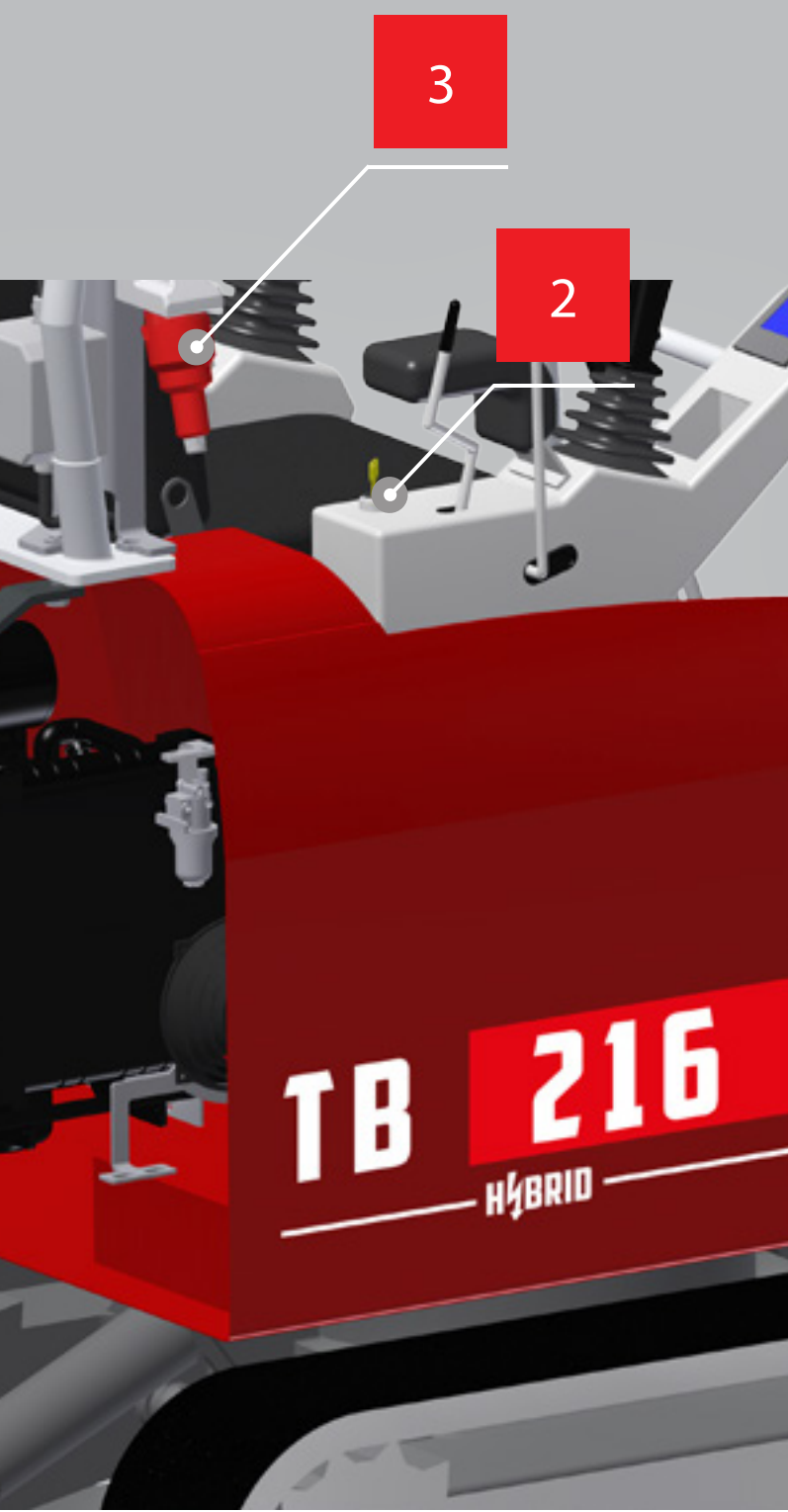
The result of a decade of experience

For many years, Takeuchi has offered hybrid excavators. In addition to the standard existing diesel engine, these compact excavators, with total weight of 0.8 t to 3.5 t, have been equipped with an electric motor. With its electric motor, the hybrid excavator can be used in enclosed spaces.



The TB216 Hybrid is the first one of a new generation of hybrid excavators. With its unique technology the operation is identical both in diesel and in electric mode: With the ignition key the machine is switched on and off. Even the speed of the electric motor is adjustable via the throttle lever. Since the electric motor is completely maintenance-free, the operating costs of the hybrid TB216 is reduced to a minimum.

The result of over ten years of experience building hybrid excavators is a machine that is distinguished by particular efficiency and contributes to your success!



1 EASY TO MAINTAIN



- ▮ No additional maintenance on the electric drive
- ▮ Tool-free access to the diesel engine's service points

2 INTUITIVE OPERATION



- ▮ Switch on and off with the ignition key
- ▮ Power adjustment via the throttle
- ▮ Automatic switch to the electric mode when the power cable is connected

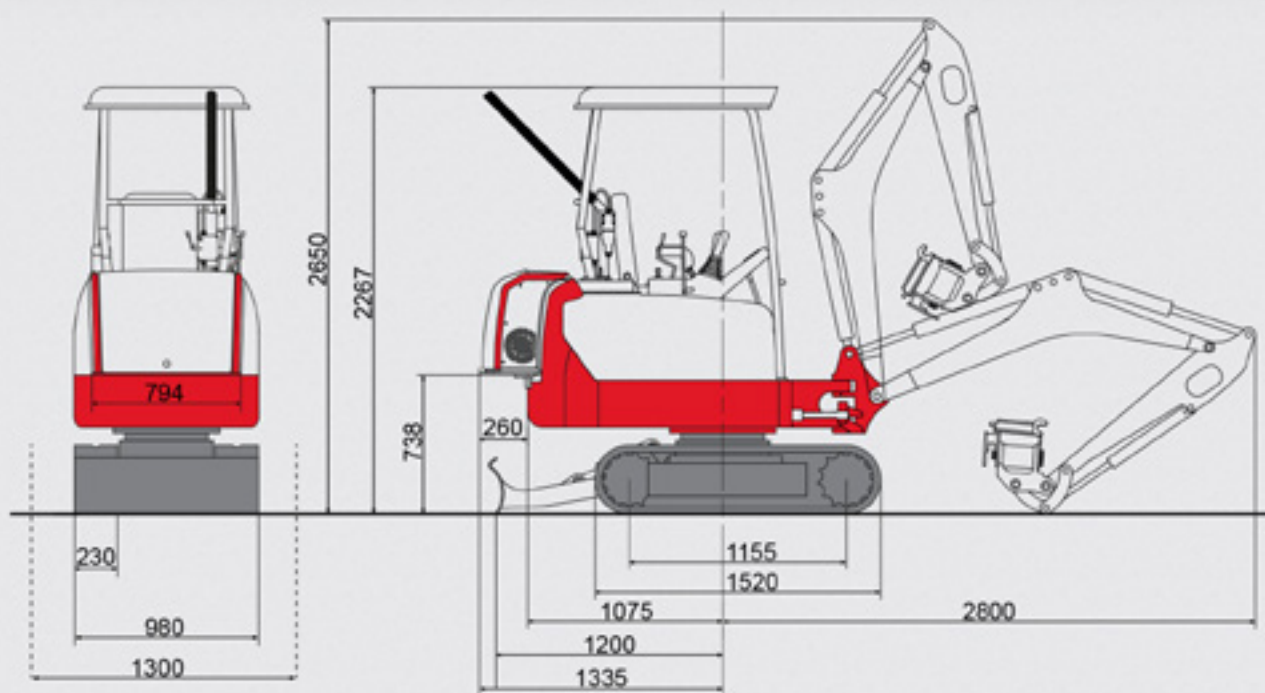
3 MAXIMUM EFFICIENCY



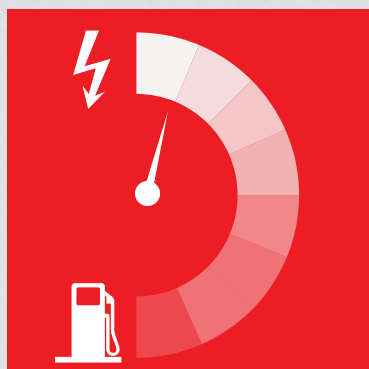
- ▮ Low operating costs in electric mode
- ▮ Multiple application possibilities
= high utilization rate
- ▮ Increased performance



TECHNICAL DATA



- | | |
|--------------------------|---|
| ▮ Total weight: | 1940 kg / 4277 lbs |
| ▮ Output diesel engine: | 11,1 kW / 2400 rpm |
| ▮ Output electric motor: | 10,6 kW / 2400 rpm |
| ▮ Electrical connection: | 400 - 480 V / 47-63 Hz / Fused with 32A |



ELECTRIC MOTOR

The high voltage connection allows for 100% emission-free use with full functionality and increased performance.

DIESEL ENGINE

The original diesel engine remains intact. Thus, the machine can also be used as usual, and cordless transport to the site is made possible.



DMS

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