

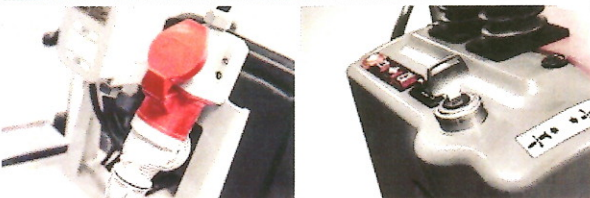
TB210 MICRO HYBRID EXCAVATOR

Takeuchi introduce the new Hybrid electric/diesel TB210, 1.3 tonne mini excavator as an alternative to diesel-only powered options.

A compact machine packed full of proven Takeuchi features available as canopy option only.

The flexible high voltage connection point is positioned at the back of the machine and allows for a 100% emission-free use with full functionality and increased performance.

The original diesel engine remains intact so this hybrid can still be used in a conventional way, simply switch to diesel when in travel mode.



- TB210 Hybrid Brochure PDF
- TB210 Lifting Diagram PDF

MINI EXCAVATORS

- TB210R Micro
- TB210 Hybrid
- TB216
- TB216 Hybrid
- TB219
- TB230
- TB235
- TB240
- TB250
- TB260
- TB290
- TB2150
- TB295W

TB210 HYBRID SPECIFICATION

Standard UK Specification - Long Dipper/Rubber Tracks

ENGINE / MOTOR		
Make	KubotaD722E4B	
Elec Connection	400 V/50Hz / 32A	
Rated Output Diesel (kW)/RPM	8.8 / 2200	
Rated Output Electrical	9.1 / 2450	
Cylinders	3	
Displacement (cc)	719	
Electrical System	12volts 40amp	
DIMENSIONS & WEIGHT		
Operating Weight inclusive of bucket and fuel (kg)	1310	
Overall Length (mm) for transport	3475	
Width (mm)	750 - 1020	
Height (mm)	2190	
Ground Clearance (mm)	160	
Min radius attach(mm)	1320	



Min Radius at Max offset Left (mm)	1219
Min Radius at max offset right (mm)	1158
Dozer Blade (W x H) (mm)	750 (1020) X 200

OPERATING INFORMATION	
Max Digging Depth (mm)	1755
Max Dump Height (mm)	2120
Max Reach at Ground Level (mm)	3220
Max Vertical Digging Depth (mm)	1475
Max Bucket Digging Force (kN)	11.2
Max Arm Digging Force (kN)	6.4

HYDRAULIC SYSTEM	
Set Pressure (MPa)	18.2
Pump Type	Gear x 2
Hydraulic Flow Aux Port (l/min)	22

SWING SYSTEM	
Boom Swing Angle (R/L)	54° / 56°
Slew Speed (rpm)	10
Slew Motor	Trachoid Gear
Slew Brake	Brake Valve

UNDERCARRIAGE	
Traction Motor	Piston
Traction Drive	Epicyclic Gearing
Traction Brake	Disc
Track Width (mm)	180
Ground Contact Length (mm)	1005
Ground Pressure (kpa)	28
Travel Speed (km/h)	2.0 / 3.7
Maximum Gradeability	15°

CAPACITIES	
Hydraulic System (l)	15
Fuel Tank (l)	12
Engine Lubrication (l)	2.8
Cooling System (l)	4