



TIMBERWOLF®
LEAD THE PACK

Developed to meet a growing need in the industry, the TW 280HB HYBRID is our first step towards lower emission products and net zero.

Utilising a Kubota Super Mini Series engine, teamed together with a powerful electric motor generator, the powertrain maximises the wood chippers overall performance to significantly reduce fuel consumption and CO2 emissions.



TW 280HB HYBRID

AN INDUSTRY FIRST

Easy to maintain, and without a troublesome DPF, the TW 280HB HYBRID wood chipper is ideal for companies who are committed to minimising their emissions and fuel consumption.



www.timberwolf-uk.com



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FEATURES:

- Kubota D902-TE4, 24.8 hp (18.5 kW), turbo diesel engine
- Swift recharging capability, SECH supercapacitors provide additional energy when required
- Maintenance-free, 37.3hp (27.8 kW) generator synchronous motor (GSM) and supercapacitors
- Class leading 280 mm x 210 mm infeed opening (8 ¼" cutting performance)
- Quad force rollers for ultimate grip, crushing and infeed power
- 2x quick access double-sided reversible blades
- Dual, ergonomic heavy duty infeed controls
- 285° adjustable discharge chute
- Centralised grease point
- Bluetooth connectivity through App based platform for comprehensive machine telemetry

BENEFITS:

- Emissions and fuel consumption at Kubota Mini Series engine levels*
- Self-charging system during operation
- No diesel particulate filter (DPF) or AdBlue™ requirement
- Less fuel quality sensitivity
- Patented exhaust cooler reduces exhaust temperatures by 150°C
- Enhanced operator diagnostics for easy troubleshooting
- Refined, ergonomic hitch/unhitch experience with connection storage points
- Timberwolf reliability and simplicity built-in

TW 280HB HYBRID SPECIFICATIONS	
Max peak power @ 3200 rpm	62 hp (46.3 kW)
Max torque @ 2400 rpm	172.2 Nm
DIESEL ENGINE	
Kubota D902-TE4 Turbo Diesel	
Max power at 3200 rpm	24.8 hp (18.5 kW)
Starting method	Electric
Fuel tank capacity	36 litres
GENERATOR SYNCHRONOUS MOTOR	
Inmotion Generator Synchronous Motor (GSM)	
Peak power at 3200 rpm	37.3hp (27.8 kW)
DIMENSIONS	
Weight	1270 kg
Height	2327 mm
Height with discharge tube removed	1637 mm
Length (tray down)	3872 mm
Length (tray up)	3325 mm
Width	1646 mm
CHIPPING FEATURES	
Feed method	Twin series hydraulic quad force rollers
Auto back-off function	Included
Maximum diameter infeed	210 mm (8 ¼")
Discharge tube	285° adjustable discharge
Blades	2 x 158 mm quick access, double sided, fully hardened, reversible blades

*Based on Kubota's emissions and fuel consumption data (testing over a fixed test cycle under laboratory conditions)