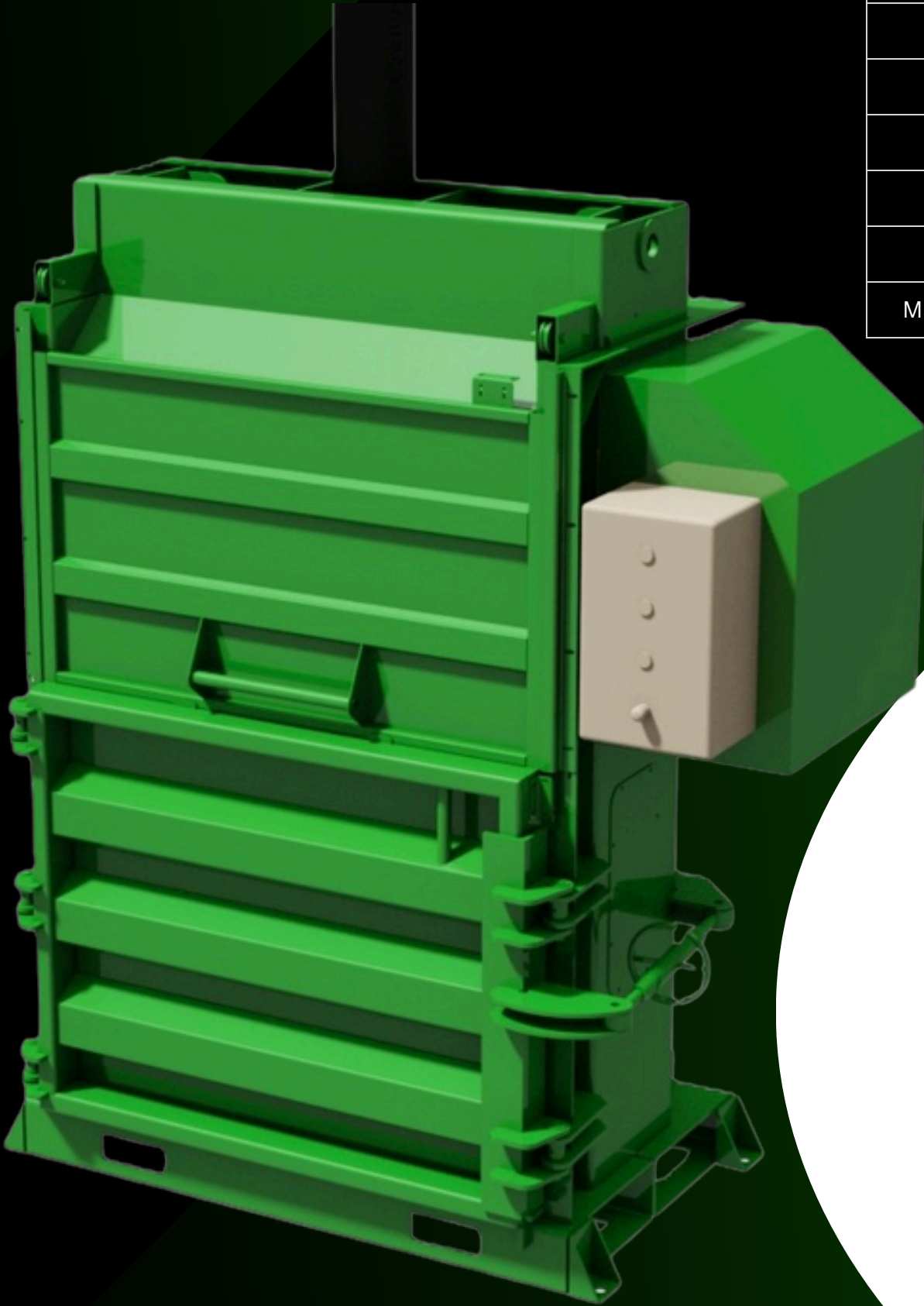
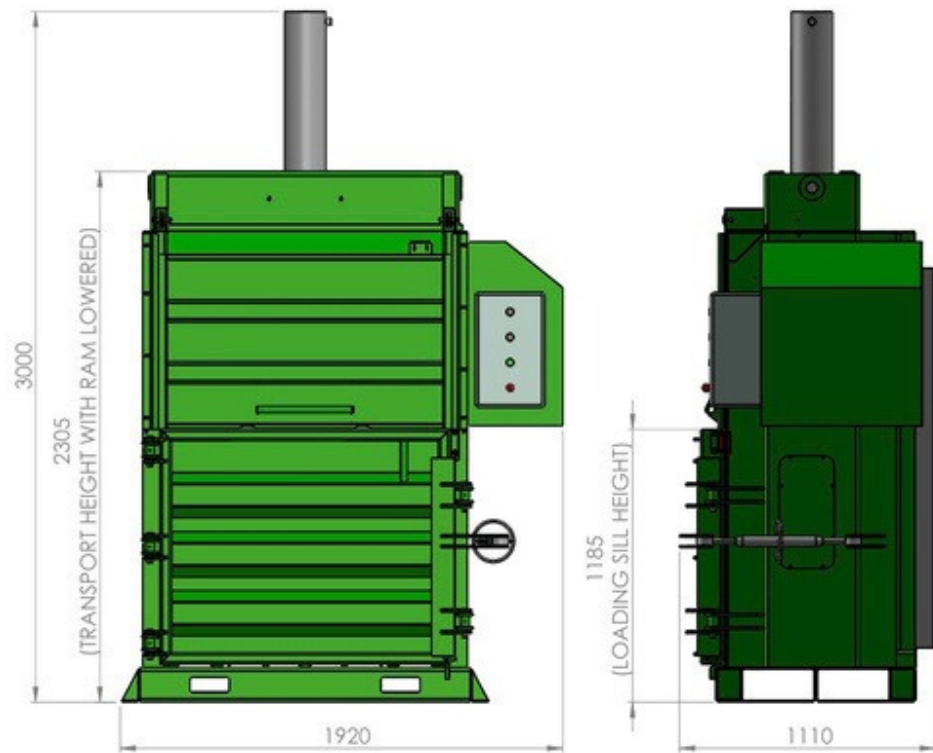


SPARTAN 450



Baler	Specification
Height	3000mm
Width	1920mm
Depth	1110mm
Loading Aperture	1200 x 590 mm
Bale Weight	2000kg
Machine weight	450-500kg
Baling Force	30 Tonnes (295 KN)
Bale Dimensions	1200 x 750 x 1000 (Bale height Adjustable)
Cycle Time	45 Seconds
Motor Size	4kW
Mains Power Requirement	25A, 3PH (Motor Rated)



The Spartan 450E is a powerful, 3 phase, vertical baler that produces mill sized bales weighing up to 500kg (dependant on material). It is suitable for baling cardboard, plastics and many other materials offering **energy savings** for users operating more than 5hrs

The baler is loaded through a vertically opening sliding door, which provides a large opening aperture, without the drawbacks of a hinged door. Once a bale is complete, a powered bale ejection mechanism ejects the bale, providing an easy method of loading onto a pallet. Final bale height is adjustable.

The Spartan 450E is manufactured in the UK and is fully compliant with all applicable safety standards, including BS EN16500, and is UKCA (CE) marked.

The Spartan 450E is a powerful, 3 phase, vertical baler that produces millsized bales weighing up to 450kg (dependant on material). It is suitable for baling cardboard, plastics and many other materials offering energy savings of up to 50%

The cost effective and environmentally conscious choice.

Overview This proposal outlines the energy savings and financial return of investing in a Trident Waste & Recycling Solutions vertical baler equipped with a our Standard 4kW motor, compared to a market traditional 7.5kW motor.

Energy Consumption Comparison

- 4kW Motor: 4 kWh/hour
- 7.5kW Motor: 7.5 kWh/hour
- Daily Usage: Approx 5 hours/day (for purpose of example savings) Electricity Cost: .30 per kWh

Annual Energy Cost

- 4kW Motor: = £2,190.00
- 7.5kW Motor: = £4,106.25

Savings based on a 3yr and 5yr lease option
3 year Lease Option (**Energy Savings: £5,748.75**)
5 year Lease Option (**Energy Savings: £9,581.25**)

Benefits Beyond Cost Savings

- Lower energy consumption reduces carbon footprint
- Reduced heat output and wear on components
- Potential for lower maintenance costs

Trident Waste Recycling Solutions deliver sustainable solutions for the Waste Industry

SAVE ENERGY



54% Energy Saving based on a 3 year lease option