

EDS Enquiry Questionnaire

Customer Name

Processing Requirements

Please provide the following information

What is the material being processed for?

What bale size is to be processed?

Round Bales

Diameter: _____m Length: _____m

Rectangular Bales

Width: _____m Height: _____m Length: _____m

What is material to be chopped? _____

What is the moisture content of the material to be processed? _____%

Length of material after processing _____mm

What is throughput required?

How many Bales per day are you wishing to achieve? _____

or

What weight of material processed per day are you wishing to achieve? _____tonnes

Loading

What vehicle/systems are available to load the bales? _____

Are you interested in an automated conveyor system to load the Mill? Yes / No

Storage

How far is the storage facility away from the proposed machine location? _____

Do you need a booster fan system to convey the material to storage? Yes / No

Electricity Supply

Please can you verify the following

Is 3 Phase Electricity available? Yes / No

Voltage _____V

Frequency _____Hz

Available kVA if known

Power requirement for Rotor, Drum and Conveyor Motor Drives

Please can you verify that you can obtain this rating in Power Supply?:

Rotor Power (kW)	Processing Rate w/ 50mm screen (Tonnes/Hour)	Energy consumption (kW-Hour)	Power Requirement @ 3phase 400 – 480v (including rotor, drum and conveyors)
55	2.75	35-45	125A (with overcurrent protection)
45	2.5	20-30	125A (with overcurrent protection)

Power requirement for Booster Fan Motor Drive

Please can you verify that you can obtain this rating in Power Supply, in addition to the above requirement?:

Booster Power (kW)	Power Requirement @ 3phase 400 – 480v
11	32A (with overcurrent protection)

Booster fan motor drive is not standalone, it can only be used in conjunction with the EDS system.

Total power requirement for machine in different configurations

Configuration	Power Requirement @ 3phase 400 – 480v
55kW Rotor & Up to 3 Conveyors	125A (with overcurrent protection)
45kW Rotor & Up to 3 Conveyors	125A (with overcurrent protection)
55kW Rotor & Up to 3 Conveyors & Booster Fan	125A (with overcurrent protection) & 32A (with overcurrent protection)
45kW Rotor & Up to 3 Conveyors & Booster Fan	125A (with overcurrent protection) & 32A (with overcurrent protection)

Both control cabinets require overcurrent protection on the supply, equal or lesser than the power requirement. Note: When working at maximum duty, the entire of the required power can be drawn. Running a machine on a lower power supply than specified above, may require the user to sacrifice performance to prevent nuisance tripping of the supply's current protection system.

Support

What language do the operators using the machine speak? _____

Is a 3/4G mobile phone network available for remote connection to the system Yes / No

Is there wifi/wired internet connection available for remote connection to the system Yes / No