

PGS-50 AUTOMATED & MANUAL SPECIFICATIONS

POWER REQUIREMENTS FOR START-UP:

MANUAL: 15 AMPS @ 120VAC AND 12VDC BATTERY

AUTOMATED: 40 AMPS @ 208VAC 3-PHASE OR 60 AMPS @ 240VAC SINGLE PHASE AND 12VDC BATTERY

POWER OUTPUT - CONTINUOUS: 69KW @ 208VAC THREE PHASE OR 42KW @ 240VAC SINGLE PHASE

MAY BE USED FOR PRIME POWER OR GRID CONNECTED

INTER-CONNECTION TRANSFER SWITCH NOT INCLUDED WITH UNIT

FOOTPRINT REQUIREMENT:

MANUAL (BASIC): 14' X 14'

MANUAL WITH DRYER: 14' X 20'

AUTOMATED & MANUAL WITH DRYER, BRIQUETTE MACHINE, AND CONVEYORS: 24' X 24'

FEEDSTOCK REQUIREMENT: 150–200 LBS PER HOUR AT FULL LOAD OUTPUT

MAXIMUM MOISTURE CONTENT WITHOUT DRYER: 10-15%

MAXIMUM MOISTURE CONTENT WITH DRYER: 30-40% DEPENDING UPON FEEDSTOCK

LOAD INTERVALS: MANUAL: 6-8 HR STANDARD AUTOMATED & MANUAL WITH OPTIONAL HOPPER: UP TO 24 HOUR INTERVALS

MAXIMUM CONTINUOUS RUN TIMES:

MANUAL: 36 HOURS UNTIL CLEANING

AUTOMATED: 24 HRS/6 DAYS - 144 HOURS UNTIL CLEANING

AVERAGE CLEANING TIME: 5-10 MINUTES

WEATHER REQUIREMENTS: UNIT MUST BE INSTALLED ON CONCRETE SLAB UNDER COVERED ROOF WITH OPEN SIDE OR CLOSED SIDES WITH PROPER VENTILATION.

SYSTEM WARRANTY:

ALL NON-MOVING COMPONENTS - 5 YEARS

BLOWER MOTOR, ASH MOTOR – 1 YEAR

ENGINE/ GENERATOR – 1 YEAR

OPTIONAL AUTOMATION HARDWARE COMPONENTS - 2 YEARS

ENGINE SERVICE/OVERHAUL: ANNUALLY WITH PROPER MAINTENANCE