



**Harris Waste
Management
Group, Inc.**

SELCO MODEL

HSO-107A20, HSO-107A30, & HSO-107AR30

AUTOMATIC HORIZONTAL BALING PRESS

GENERAL SPECIFICATION NUMBER 802001

REVISED 3/06/03

*PERFORMANCE

FEED OPENING	28 IN. WIDE X 30 IN. LONG
BALE SIZE	30 IN. WIDE X 36 IN. HIGH X 72 IN. LONG (VARIABLE)
BALE VOLUME	45 CUBIC FEET EXPANDED (APPROXIMATE)
CYCLE TIME	16.5 SECONDS (20 HP STANDARD, NO LOAD) 15 SECONDS (30 HP OPTIONAL, NO LOAD) 10.5 SECONDS (30 HP REGEN OPTIONAL, NO LOAD,)
CAPACITY	4151 CUBIC FEET PER HOUR (NO LOAD) 4520 CUBIC FEET PER HOUR (NO LOAD, OPTIONAL 30 HP) 6573 CUBIC FEET PER HOUR (NO LOAD, OPTIONAL 30 HP REGEN)

Material	Bale Weight	Density lbs / cu.ft. Loose/Baled	Standard 20 HP Tons / HR	Optional 30 HP Tons / HR	Optional 30 HP Regen Tons / HR
Shredded OCC	Up to 1200 Lbs.	1.5-3.5 / 26	1.1 to 2.5	1.3 to 2.9	1.5 to 3.3
Shredded News	Up to 1300 Lbs.	1-3 / 28	1 to 3	1.2 to 3.5	1.3 to 4

*PERFORMANCE RATES, BALE WEIGHTS, AND BALE DENSITIES ARE SUBJECT TO MOISTURE CONTENT, MATERIAL PRE-BALE DENSITIES, FEED RATES, AND OTHER VARIABLES IN BALING.

HYDRAULICS

MAIN PUMPS	(STANDARD 20 HP) 1 - 48 GPM AT 800 PSI , 1 - 16.5 GPM AT 2250 PSI (OPTIONAL 30 HP) 1 - 52.5 GPM AT 800 PSI , 1 - 21 GPM AT 2250 PSI
SYSTEM PRESSURE	2250 PSI
MAIN CYLINDER	7 IN. BORE, 50 IN. STROKE, 5 IN. ROD
RAM FACE PRESSURE	83 PSI
OVERALL PLATEN FORCE	86,590 LBS.
BALE TENSION CYLINDERS	(2) - 5 IN. BORE, 4 IN. STROKE, (1) - 5 IN. BORE, 2 IN. STROKE
OIL RESERVOIR	88 GALLON CAPACITY (STANDARD 20 HP), 156 GAL. CAPACITY (OPT. 30 HP), 277 GAL. CAPACITY (OPT. 30 HP REGEN)
HYDRAULIC MANIFOLD	INTEGRAL RELIEF, (OPTIONAL BUILT IN REGENERATIVE CIRCUIT)
FILTRATION	10 MICRON REPLACEMENT ELEMENT FILTER

ELECTRICAL

MAIN MOTOR	(STANDARD) 20 HP, 460 VOLT, 3 PHASE / (OPTIONAL) 30 HP, 460 VOLT, 3 PHASE
INSERTER DRIVE MOTOR	2 HP, C - FACE, 1750 RPM, 460 VOLT, 3 PHASE
TWISTER DRIVE MOTOR	2 HP, C - FACE, 1750 RPM, 460 VOLT, 3 PHASE
COOLER MOTOR	10 HP, C - FACE, 1750 RPM, 460 VOLT, 3 PHASE (OPTIONAL 30 HP REGEN)
MOTOR TYPE	TEFC, HIGH EFFICIENCY, ACROSS THE LINE STARTING IS STANDARD
CONTROLS	UL AND CUL LISTED, AB SLC 500 (PROG. CONTROLLER)
ALPHA/NUMERIC DISPLAY	ALL MACHINE FUNCTIONS LOCATED ON OPERATOR PANEL
PHOTOCELL	INFRARED TYPE, 0-15 SECONDS ADJUSTABLE TIME DELAY

STRUCTURAL

FLOOR AND PLATEN	STANDARD REPLACEABLE HARDOX AR ALLOY STEEL WEAR SURFACE CONSTRUCTION
FRAME DESIGN	SHIP CHANNEL CONSTRUCTION
SHEAR BLADE	T-1 ALLOY STEEL
SHIPPING WEIGHT	8 TONS (APPROXIMATE)

OPTIONS

REDUCED VOLTAGE STARTING	HOPPER EXTENSION
REMOTE POWER UNIT	UPPER PHOTO EYES
NAVIGATOR DIAGNOSTIC CONTROL SYSTEM	BALE RUN OUT TABLE
PLC DIAGNOSTICS	

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE