



**Harris Waste
Management
Group, Inc.**

HARRIS MODEL HRB-616N

AUTOMATIC TWO-RAM BALING PRESS

GENERAL SPECIFICATION NUMBER 905000

REVISED 1/14/94

PERFORMANCE

BALE SIZE		45 IN. WIDE X 30 IN. HIGH X 62 IN. LONG (VARIABLE)
BALE VOLUME		48.4 CUBIC FEET EXPANDED (APPROXIMATE)
CYCLE TIME	STD. 100 HP	283 SECONDS (13 CYCLES/HR) O.C.C. 317 SECONDS (11 CYCLES/HR) U.B.C.
	OPT. 150 HP	180 SECONDS (20 CYCLES/HR) O.C.C. 205 SECONDS (18 CYCLES/HR) U.B.C.
	OPT. 200 HP	164 SECONDS (22 CYCLES/HR) O.C.C. 181 SECONDS (20 CYCLES/HR) U.B.C.
CHARGING CHAMBER VOLUME		62.7 CUBIC FEET

MATERIAL	BALE WEIGHT	DENSITY LBS / CU.FT. LOOSE/BALED	STANDARD 100 HP TONS / HR	OPTIONAL 150 HP TONS / HR	OPTIONAL 200 HP TONS / HR
BULK OCC	UP TO 1350 LBS.	3 / 28	UP TO 9	UP TO 14	UP TO 15
NEWS	UP TO 1500 LBS.	8 / 31	UP TO 15	UP TO 22	UP TO 24
PET	UP TO 1200 LBS.	1 / 25	UP TO 3	UP TO 5	UP TO 6
WHOLE ALUM. CANS	UP TO 1100 LBS.	2 / 21	UP TO 6	UP TO 9	UP TO 10
STEEL CANS	UP TO 2200 LBS.	5 / 46	UP TO 14	UP TO 22	UP TO 24
SOLID WASTE	UP TO 2500 LBS.	10 / 52	UP TO 22	UP TO 34	UP TO 38

*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		1 - 147 GPM AT 800 PSI 1 - 57 GPM AT 2800 PSI 1 - 270 GPM AT 800 PSI (OPTIONAL 150 HP) 1 - 90 GPM AT 2800 PSI (OPTIONAL 150 HP) 1 - 294 GPM AT 800 PSI (OPTIONAL 200 HP) 1 - 114 GPM AT 2800 PSI (OPTIONAL 200 HP)
SYSTEM PRESSURE		2800 PSI
MAIN CYLINDER		12 IN. BORE, 158 TONS TOTAL FORCE
RAM FACE PRESSURE		263 PSI
EJECTOR CYLINDER		9 IN. BORE, 89 TONS TOTAL FORCE
EJECTOR RAM		110 PSI
OIL RESERVOIR	STD. 100 HP	542 GALLON CAPACITY
	OPT. 150 HP	832 GALLON CAPACITY
	OPT. 200 HP	832 GALLON CAPACITY
OIL COOLER		AIR-TO OIL EXCHANGER IS STANDARD
FILTRATION		10 MICRON REPLACEMENT ELEMENT FILTER

ELECTRICAL

MAIN MOTOR		100 HP, 460 VOLT, 3 PHASE
	OPTIONAL	(2) - 75 HP, 460 VOLT, 3 PHASE
	OPTIONAL	(2) - 100 HP, 460 VOLT, 3 PHASE
STRAPPER MOTOR		10 HP, C - FACE, 1750 RPM, 460 VOLT, 3 PHASE
COOLER MOTOR		5 HP, C - FACE, 1750 RPM, 460 VOLT, 3 PHASE
MOTOR TYPE		TEFC, HIGH EFFICIENCY
		ACROSS THE LINE STARTING IS STANDARD
CONTROLS		UL AND CSA LISTED, NEMA 12 RATED AB SLC 500 (PROG. CONTROLLER)