



IPS BALERS, INC.

BOB 606 675 9259

AUTO-TIE HORIZONTAL MODEL AT-974-75

Revised: 12/99

1996 MODEL

HYDRAULIC

MAIN PUMPS	144 GPM TOTAL FLOW (REGEN. SYSTEM)
SYSTEM PRESSURE	3000 PSI
MAIN CYLINDER	9 IN BORE, 94 IN STROKE
PRECOMPRESSION CYLINDER	(2) 4 IN BORE (OPTIONAL)
TENSION CYLINDER	(6) 6 IN BORE
WIRE INSERTER CYLINDER	2 1/2 IN BORE
WIRE TWISTER	HYDRAULIC MOTOR
TOTAL FORCE	190,800 LB
RAM FACE PRESSURE	108 PSI
OIL RESERVOIR	400 GALLON CAPACITY
FILTRATION	10 MICRON REPLACEMENT ELEMENT FILTER
AUTO-TIER	(5) FIVE WIRE HYDRAULIC TIER FOR UP TO 10 GA BLACK ANNEALED WIRE

ELECTRICAL

MAIN MOTOR	75 HP, 460 VOLT, 3 PHASE, TEFC, HIGH EFFICIENCY
COOLER FAN	1 HP, 460 VOLT
COOLER PUMP	5 HP, 460 VOLT
CONTROLS	PROGRAMMABLE CONTROLLER WITH PHONE MODEM
PHOTOCELL	INFRARED TYPE

STRUCTURAL

LENGTH OVERALL	39 FT (WITH POWER PACK LOCATED BEHIND BALER) 33 FT (WITH POWER PACK LOCATED BESIDE BALER)
WIDTH OVERALL	14 FT 10 IN (AT THE TIER STATION)
CHARGING HOPPER HT.	96 IN (11 FT 6 IN WITH OPTIONAL PRECOMPRESSION LID)
CHARGE BOX OPENING	40 IN WIDE X 72 IN LONG
SHEAR BLADE	T-1 ALLOY STEEL
FLOOR OF BALER IS LONG WEARING T-1 PLATE, BOTTOM OF PLATEN IS T-1 PLATE	
SHIPPING WEIGHT	19 TONS APPROXIMATE

PERFORMANCE

BALE SIZE EXPANDED	43 IN WIDE X 43 IN HIGH X VARIABLE LENGTH
BALE VOLUME @ 62 IN LONG	66.3 CUBIC FEET EXPANDED (APPROXIMATE)
CYCLE TIME	14 SECONDS (NO LOAD)
CAPACITY	21,500 CUBIC FEET PER HOUR (NO LOAD)

MATERIAL	BALE WEIGHT LB	DENSITY LB PER CUBIC FOOT	LOOSE INFEEED DENSITY POUND PER CUBIC FOOT	TONS PER HOUR @65% LOADING EFFICIENCY	TONS PER HOUR WITH OPTIONAL LID
HIGH GRADE PAPER	UP TO 1980	UP TO 30	ESTIMATED 3.5	UP TO 20	UP TO 22
CONDITIONED NEWS	UP TO 1900	UP TO 29	ESTIMATED 3.0	UP TO 17	UP TO 18
O.C.C.	UP TO 1660	UP TO 25	ESTIMATED 2.5	UP TO 14	UP TO 15

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

STANDARD FEATURES

PROGRAMMABLE CONTROLLER WITH MODEL
OIL COOLER (AIR OVER OIL) SYSTEM
ACROSS THE LINE STARTING
BALE RUNOUT TABLE (6 FT LONG)

AVAILABLE OPTIONS

OIL HEATER
MID TENSION SYSTEM
PRECOMPRESSION LID
CONTACT FACTORY FOR OTHER AVAILABLE OPTIONS

SPECIFICATIONS AND DESIGN ARE SUBJECT TO CHANGE IF, IN THE OPINION OF THE MANUFACTURER, THE CHANGE IS AN IMPROVEMENT.

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