Jätepaperipaalain malli SIMON 3230

(valmistusvuosi 1973, peruskorjattu 1988 ja 2004)

Periaate:

- täytetään ylhäältä kuljetushihnan tai imukuljettimen kautta

operointi automaattinen, paitsi sidontavanteen asetus ja kiristys toimivat manuaalisesti

- paalauskone antaa signaalin (vilkkuvalo ja ääni), kun pituus on oikea vanteen asettamista varten

Teknisiä tietoja:

Kone on meidän peruskunnostama, v. 2004 (uusi moottori 20 kW, uusi muuntaja, uudet kaapelit ja ohjaukset)
peruskunnostetttu myös mekaanisesti
hydrauliikkaöljy vaihdettu (600 l)
paalin koko 80 x 75 cm x mikä tahansa pituus
4 teräslankaa/paali (käsisidonta)
männän halkaisija 204 mm
hydrauliikkapumppu 20 kW, 214 l/min
mitat 6 x 1,6 x 2,2 m
kokonaispaino 6,2 t
sähköliitäntä 25 kW
valmis tuotantoon

Huom:

Koneeseen ei sisälly jätepaperin hihnakuljetinta tai putkikuljetinta.

Toimitusaika:

viikkoa tilauksesta. Välimyyntivaraus.

Maksuehto:

20% tilattaessa
80% ennen lastausta

Takuu:

Toimintatakuu 2 kk.
Kone myydään siinä kunnossa kuin se on tarkastushetkellä.
Konetta on mahdollista tutkia/koekäyttää varastossamme Vääksyssä.

SIMON

3230 Baler

operating instructions and spare parts lists

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1. INTRODUCTION

The 3230 Baler is a machine that accepts paper, boxboard or plastic scrap and compresses the scrap into compact bales. The bales can be made to any length required with a cross section of 32 by 30 inches. 80 x 75 cm

The machine will operate automatically or under selected control by the operator. Tying off the bales is not an automatic action.

A hydraulic system and electrical control circuits are incorporated in the machine. The plant must provide a mains electrical supply and a water supply will be required for machines fitted with a water/oil cooler.

2. LEADING PARTICULARS

Overall length	19ft.11½in. (6083mm)
Overall width	5ft.3in. (1600mm)
Overall height	7ft. (2134mm)
Weight	13,500lb. (6140 Kg.)
Bale size	32in. x 30in. (813mm x 762mm)
Theoretical baling capacity	4210ft^3/h. (119m^3/h)
Cycles per minute	2·94 2·94
Ram cylinder diameter	8in. (203mm)
Ram piston rod diameter	5½in. (140mm)
Hydraulic pump	Double vane replaceable cartridge type 47 G.P.M. (214 litres/min).
Hydraulic pump drive	25 H.P. 1450 R.P.M., frame size D 180 M, 380/420, 3 phase, 50 cycle electric motor with thermistor protection.
Hydraulic reservoir	170 gallons (770 litres)

3. GENERAL DESCRIPTION (Ref. Fig. 1)

The 3230 Baler construction is of heavy duty welded steel. It has a centrally positioned vertical load chute (A) with a glass inspection panel on one side. An electrical sensing beam device is fitted to the load chute.

Below the load chute on one side of the Baler is a metal cabinet (B) containing the major electrical components of the control circuits.

At one end of the 3230 Baler is the baling compartment (C). The triple ribbed sides (D) of the compartment act as pressure plates on the sides of the bale. Pressure is applied by hydraulically operated pivoted levers (E).

A control box (F) with several push-button switches on its front panel and a red indicator lamp on top, is mounted above the baling compartment. The control box can be reached by the operator from either side of the machine.

At the opposite end to the baling compartment is the hydraulic ram (G) protected by expanded metal guards. A hydraulic manifold (H) with its hydraulic pump motor (J) is situated at the extreme end of the ram compartment.

Other mechanical sub-assemblies incorporated in the Baler are the bale length control mechanism, and the bale topper situated above the baling compartment.

4. CONTROLS AND ADJUSTMENTS (Ref. Fig. 2)

4.1 Electrical

A. Load sensing device - Fitted to the load chute, this electric photo cell senses the level of material in the load chute and when activated starts a sequence of events that cause the ram to move forward.

B. Extended ram limit switch - This limit switch is actuated by the ram when the ram reaches the forward end of its stroke.

C. Ram retracted limit switch - This limit switch is actuated by the ram when the ram is fully retracted.

D. Impulse limit switch. - This limit switch is actuated by the bale length control sprocket. The sprocket is engaged with the top surface of the bale as it is being formed inside the baling chamber, when the bale moves forward the sprocket rotates.

E. Bale length counter - The counter records impulses sent to it through the medium of the impulse limit switch being tripped by the revolutions of the bale length measuring sprocket.

F. Adjustable timer - This component limits the time during which the ram can remain in a stalled position under full pressure. It has been set by the manufacturer and should not require further adjustment.

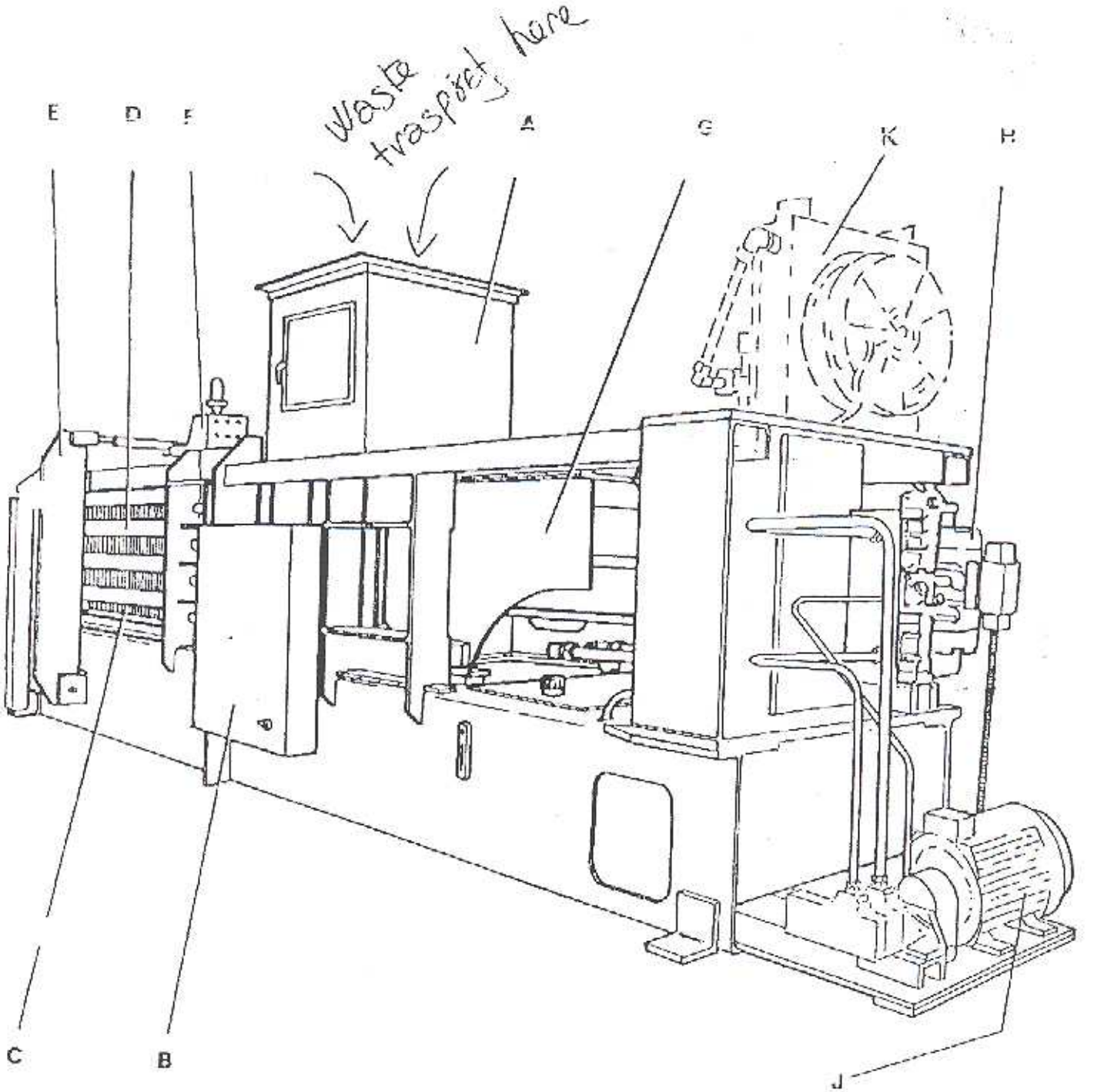

FIG. 1