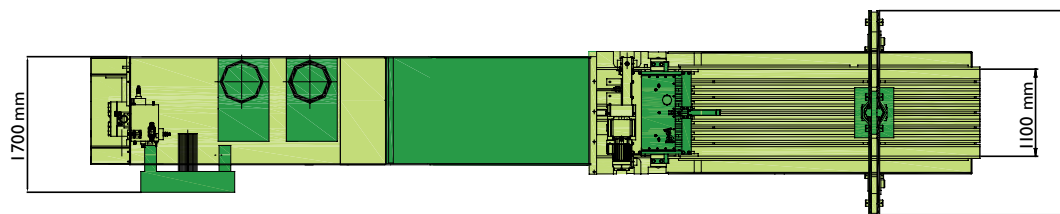
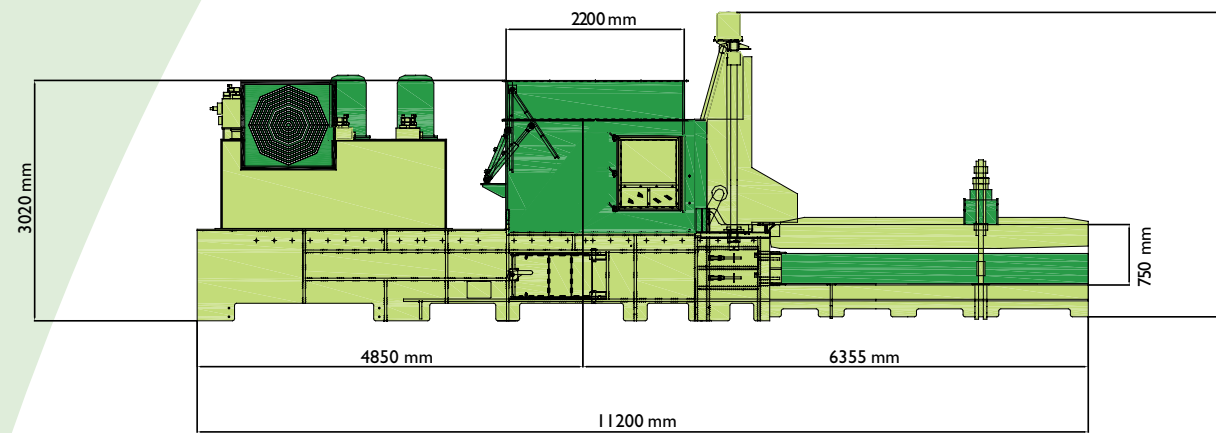




BIGRO TECHNICAL SPECIFICATION

		BIGRO 65	BIGRO 85	BIGRO 105	BIGRO 125
Press Length x Width x Height	Mtr	9.5x1.8x3.8	9.9x1.8x3.8	11.4x1.8x3.8	11.4x1.8x3.8
Press Weight	Tonnes	23.5	24	30	32
Hopper Length x Width	Mtr	1.6x1.1	1.6-2.2x1.1	2.2x1.1	2.2x1.1
Bale Height x Width	mm	750x1100	750x1100	750x1100	750x1100
Drive	kW	1x37, 1x55	1x37, 1x55, 2x37, 2x55	1x55, 2x37, 2x55	2x37, 2x55
Pressing Force	Tonnes	65	83	102	125
Specific Pressing Force	Kg/cm ²	79	10	12.4	14.95
Stamper Pressing Force	Tonnes	24	24	24	24
Tying Wires Vertical		4	4	4	4
Tying Wires Horizontal		2-3	2-3	2-3	2-3
CAPACITY					
Infeed Density 10-20 Kg/m ³	Tonnes/h	3-6	4-12	4-12	3-11
Infeed Density 30-40 Kg/m ³	Tonnes/h	9-10	13-16	13-16	12-16
Infeed Density 50-60 Kg/m ³	Tonnes/h	12-14	17-19	18-20	17-19
Infeed Density 80-100 Kg/m ³	Tonnes/h	18-21	21-28	22-30	23-31

All details subject to change without notification. Figures based on 100% efficiency.



50 YEARS OF EVOLUTION



Lyndex Recycling Systems Limited, Stafford Park 10, Telford TF3 3BP
 Tel: +44 (0)1952 290333 Fax: +44 (0)1952 290229
 Email: info@lyndexrecycling.com www.lyndexrecycling.com

Recycling our past for a better future



BIGRO

THE BEST MEDIUM VOLUME MACHINE ON THE MARKET

The Lyndex (formerly Lindemann) Bigro is a medium volume baler which produces 750mm high x 1100mm wide, high density bales. The Bigro is a long established design that has been improved and updated over many years.

Construction

The machine is manufactured from heavy gauge plate and sections which are shot blasted for maximum weld penetration and paint adhesion.

All elements of the pressbox are welded together in jigs to ensure it meets the required tolerance. Where required key assemblies are machined before assembly to ensure that tolerances are maintained.

All areas subject to extreme wear are protected by easy exchanged bolted wearing parts of the highest quality, resulting in extended long life.



Platen

Heavy duty multi-plate construction with full length hold down wear ledges and supported by bearings and a pressure ledge.

Central blades are triangular with full anvil support; these blades concentrate the shearing force and enhance the ability of the machine to shear even the most difficult materials.



SHEAR BLADES



Operator Interface

The operator interface main screen has a graphical view of the machine showing all the important machine parameters such as pressure, bale length, oil temperature, material selection and platen position.

The interface has been specifically programmed by Lyndex to be user friendly with operators becoming familiar with the screens within minutes.

Operators only have to select the material grade to be processed. The embedded recipe system chooses the correct machine parameters to produce the best bale possible.

All alarm functions are date and time recorded. A data log system can also be incorporated as an optional extra.



Bigromat Tying System

The most reliable, economical and fastest tying unit fitted to any channel baling press.

The 'Bigromat' twister is equipped with a hydraulic motor which drives a set of gears which in turn drive the twister gears. Twisting discs can be simply removed for cleaning and maintenance. The number of twists can easily be increased or decreased from the operator interface.



TWISTER GEARS



TWISTER DISCS & BUSH

Wire Consumption

The 'Bigromat' ties the wire without leaving 'pig tails' which one will have with any hook type tying unit ensuring minimal wire consumption.

The wire saved on a typical 750 x 1100mm bale can be as much as 2.5-3 metres (10%) which, when accumulated over a 12 month period, would give a significant cost saving.

