



MEGGABITE | TECHNICAL SPECIFICATION



DIMENSIONS	
Length x Width x Height	12 x 2.5 x 5.1 mtr
Weight	41 Tonnes
Hopper Length x Width	2 x 1.6 mtr
Bale Height x Width	1.1 x 1.1 mtr
Minimum Hopper Height	2.2 mtr
Drive	2x37, 2x55, 2x75, 3x55 Kw
Pressing Force	125, 145 Tonnes
Specific Pressing Force	10.7, 12.3, 16.74 Kg/cm ²
Pre-compression flap force	45, 60 Tonnes
Tying Wires Vertical	5
Tying Wires Horizontal (optional)	3
CAPACITY	
Infeed Density 10-20 kg/m ³	6 - 17 Tonnes/hour
Infeed Density 30-40 kg/m ³	20 - 35 Tonnes/hour
Infeed Density 50-60 kg/m ³	40 - 53 Tonnes/hour
Infeed Density 80-100 kg/m ³	63 - 70 Tonnes/hour



Hydraulic System

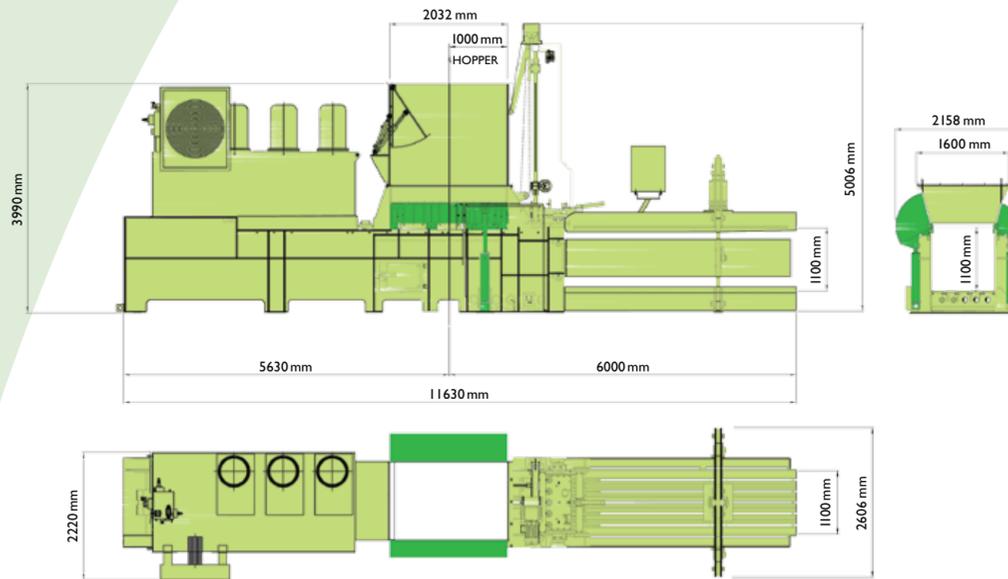
The hydraulic system incorporates the most up-to-date technology and reliability. At the heart of the system Lyndex utilises a two stage pump arrangement, one high volume vane pump and a variable displacement high pressure pump.

Filtration is by means of a pressure filter in line with the high volume pump. Oil is filtered down to 25 microns and the whole volume of oil is filtered 20 times each hour.

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, temperature and material selection.

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



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Recycling our past for a better future



MEGGABITE

THE MOST VERSATILE PRODUCTIVE BALER ON THE MARKET

Lyndex Recycling Systems Limited design and development team looked to develop a multi-purpose baler that could process all types of material without problems. The result was the development of the Meggabite. The Meggabite contains all of the developments from the Bimax shearing press with the addition of two pre-compression flaps.

Pre-Compressions Flaps

The pre-compression flaps are used to increase the infeed density when processing low density materials such as plastics. Which result in higher throughputs. Also when processing bulky high density material the pre-compression flaps are used to push the material below the blade level making processing easier.



With the new improved control system the operator only has to select the type of material grade to be processed. Once selected the system decides if the pre-compression flaps are required resulting in the material being processed in the most efficient and practical way.



PRE-COMPRESSION FLAPS OPEN OPERATING WITHOUT PRE-COMPRESSION FLAPS OPERATING WITH PRE-COMPRESSION FLAPS

Bigomat Tying System

The most reliable and fastest tying unit fitted to any channel baling press. The 'Bigomat' twister is equipped with a hydraulic motor which simply drives a set of gears which in turn drive the twister gears. Twisting discs can be removed by simply lifting out. The number of twists can simply be increased or decreased from the operator interface.



TWISTER GEARS TWISTER DISCS & BUSH

Wire Consumption

The 'Bigomat' ties the wire without leaving 'pig tails' which one will have with any finger type tying unit. The wire saved on a typical 1100 x 1100mm bale can be as much as 2.5-3 metres (10%), taken over a 12 month period there would be a significant cost saving.

Shear Blades

Triangular shaped blades on the moving platen give a smooth cutting action and reduce the force required to shear the material.

