



LYNDEX
RECYCLING SYSTEMS

LT85-37 Ram II



Recycling our past for a better future

Features of the LT85-37 Ram II Baler

THE LYNDEX LT 85-37 RAM II BALER HAS BEEN DEVELOPED WITH A SMALL FOOTPRINT.

THE COST EFFECTIVE SOLUTION WHEN PROCESSING SMALLER VOLUMES.

MACHINE DIMENSIONS

Length	5.89 m
Width	4.53 m
Height	2.27 m
Hopper Size (LXW)	1.78 m x 1.47 m
Charge Box Opening (LXW)	1.413 m x 1.473 m
Charge Box Cube	1.24m ³
Shipping Weight	15.8 Tonne

STRUCTURAL

Main Frame	Welded Frame of Heavily Reinforced Plate
Shear Blade	Replaceable T-1 Alloy Steel
Floor of Baler	AR 400 Liner Plates
Bottom of Platen	AR 400 Liner Plates

ELECTRICAL

Main Motor (TEFC)	37Kw/400v/50~1/3 ∅
Cooler Fan Motor	.75Kw/400v/50~1/3∅
Cooler Pump Motor	N/A
Strapper Pump Motor	7.5Kw/400v/50~1/3∅
Control Circuit	110 V
Sensor	IR Type Sensor
Enclosure	IP 52 Rated
PLC Controls	Allen Bradley
Touch-Screen Interface	
Adjustable Strap Count and Position	

HYDRAULIC

Maximum System Pressure	207 Bar
Main Cylinder Bore/Rod	229mm,152mm 2184mm Stroke
Eject Cylinder Bore/Rod	203mm, 140mm 1956mm Stroke
Door Cylinder Bore/Rod	127mm, 64mm 1219mm Stroke
Overall Force	85 Tonne
Ram Face Pressure	7.87 Kg/cm ²
Oil Reservoir Capacity	890 Ltr
Filtration	10 Micron
Pump	302 Ltr/m

PERFORMANCE

Bale Size	762 x 1219 x 1524mm
Bale Volume	1.26m ³
Cycle Time	21 Seconds
Production Capacity	330 m ³

STANDARD FEATURES

Automatic Strapper
 Bale Discharge Table
 Bale Separation and Release Door
 Operator's Station
 Oil Cooler
 Oil Heater
 Colour touch-screen Controls
 Conveyor Controls up to 7.5Kw
 Modem
 Laser Positioning and Tie Placement
 82% Chamber Penetration

OPTIONS

Hydraulic Oil
 Baling Wire
 Special Electric Voltages available at surcharge

MATERIAL	IN-FEED DENSITY (Estimated)	TONNE PER HOUR	BALE WEIGHTS (Kg)	EFF. %
OCC	40Kg/m ³	Up to 6.5	Up to 589	55
News	48Kg/m ³	Up to 9.1	Up to 680	50
Plastic	16Kg/m ³	Up to 2.5	Up to 430	60
RDF	100Kg/m ³	Up to 12	Up to 1100	40

Performance rates, bale weights and bale densities are subject to moisture content, material pre-bale densities, feed rates and other variables in baling. **Specifications and nominal dimensions are subject to change without notice.**



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