



Kenburn Select Twin Ram Fully Automatic Horizontal Balers

The Kenburn Select twin ram fully automatic horizontal baler handles high volumes of a range of materials including cardboard, plastic bottles, UBC cans, paper trim, foam scraps, polythene sheeting and textiles and can produce bales weighing up to 700kg. The baler is fed through a top feed hopper by means of an infeed conveyor (950 x 1200mm hopper).



Four models

There are four models within the range, all with a fully automatic wire tying system:

KH TR70-22

KH TR70-33

KH TR115-44

KH TR115-60

January 2019



Kenburn Waste Management Limited Kenburn House Porters Wood
St Albans Herts AL3 6HX Telephone 01727 844988
Email sales@kenburn.co.uk www.kenburn.co.uk

Registered Office Church View Chambers 38 Market Square Toddington Dunstable Beds LU15 6BS
Registered in England No: 2132685





TWIN RAM BALER FEATURES:

- High density bales
- 70ton or 115ton baler options
- Fully automatic baling sequence
- ISO Standard bale size, suitable for efficient loading of container or trailer
- Robust Accent 470 tying device, low maintenance
- High throughput of up to 20 bales per hour
- No special foundation required for installation
- Number of wires per bale can be varied according to material
- Wire tie is flush with bale to prevent injury to personnel and damage to trailer curtains
- Large feed opening

The main motor capacity, hopper size, ram pressure and bale size can be changed to suit customer requirements. An infeed conveyor can be designed and manufactured to suit the layout of the machinery and customer requirements. Hardox wear plates for the press and eject chambers are fitted on all models.

Six large retaining clappers within the baling chamber increase the hopper fill between ram pushed thus increasing the capacity of the machines. The number of wires can be selected to suit materials being processed. The Main motor capacity, hopper size, ram force and bale size can be changed to suit exact requirements. With an XL model the bale would be approximately 300mm larger than the standard machine.

Model	TR70-22	TR70-30	TR115-44	TR115-60
Main ram pressure	70 Tonnes	70 Tonnes	115 Tonnes	115 Tonnes
Hopper opening	1200/1500 x 950	1500/1800 x 950	1500/1800 x 950	1500/1800 x 950
Main drive motor	22kw	30kw	44kw (2x22kw)	60kw (2x30kw)
Wire tie Motor	7.5kw	7.5kw	7.5kw	7.5kw
Main ram Cycle (No material)	18 seconds	18 seconds	19 seconds	15 seconds
Bale size approx.	1150x780x120 0	1150x780x120 0 (1500*)	1150x780x120 0 (1500*)	1150x780x120 0 (1500*)
Production rate Max.	10 Bales / Hour	13 Bales / Hour	15 Bales / Hour	20 Bales / Hour

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KH TR70-22

- 70 tons main press force
- Fully Automatic Horizontal Twin Ram Baling Machine
- Fed through a top feed hopper by means of an infeed conveyor. (950 x 1200mm hopper)
- Fully Automatic wire tying system
- Hardox wear plates for the press and eject chambers
- The number of wires can be selected to suit materials being processed
- 6 large retaining clappers fitted within the baling chamber increase the hopper fill between ram pushed thus increasing the capacity of the machine
- 22 kw Main Motor Drive
- 7.5 kw Motor for the wire tying system.
- Bale size: Approximately 1150 x 780 x 1200mm. This is an ISO standard bale.
- Bale weight of polythene sheet: Approximately up to 600kg
- Bale weight of Cardboard: Approximately up to 400kg
- Bale weight of plastic bottles: Approximately up to 350kg

The above bale weights would be subject to material density. Production rate of up to 10 bales per hour. This production rate would vary dependant on the loose density of material and the speed of the operators.

KH TR70-30

- 70 tons main press force
- Fully Automatic Horizontal Twin Ram Baling Machine
- Fed through a top feed hopper by means of an infeed conveyor. (950 x 1500mm hopper)
- Fully Automatic wire tying system
- Hardox lined press and eject chambers for long life
- Serrated fixed shear blade for minimal shearing force.
- The number of wires can be selected to suit materials being processed via the easy to use touch screen controls.
- 6 large retaining clappers fitted within the baling chamber increase the hopper fill between ram pushed thus increasing the capacity of the machine
- 30 kw Main Motor Drive
- 7.5 kw Motor for the wire tying system
- Bale size: Approximately 1150 x 780 x 1200mm. This is an ISO standard bale
- Bale weight of polythene sheet:- Approximately up to 600kg
- Bale weight of Cardboard:- Approximately up to 400kg
- Bale weight of plastic bottles:- Approximately up to 350kg

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The above bale weights would be subject to material density. Production rates of up to 15 bales per hour. This production rate would vary dependant on the loose density of material and the speed of the operators.

KH TR115-44 AND TR115-60

- 115 tons main press force
- Fully Automatic Horizontal Twin Ram Baling Machine.
- Fed through a top feed hopper by means of an infeed conveyor (950 x 1500 / 1800mm hopper)
- Fully Automatic wire tying system
- Hardox wear plates for the press and eject chambers / rams
- The number of wires can be selected to suit materials being processed
- 6 large retaining clappers fitted within the baling chamber increase the hopper fill between ram pushed thus increasing the capacity of the machine
- TR115-44: 44 kw Main Motor Drive / TR115-60: 60 kw Main Motor Drive
- 7.5 kw Motor for the wire tying system
- Bale size: Approximately 1150 x 780 x 1200 (XL Bale 1500mm)
- Bale weight of polythene sheet: Approximately up to 700kg
- Bale weight of Cardboard: Approximately up to 600kg
- Bale weight of plastic bottles: Approximately up to 500kg

The above bale weights would be subject to material density. Production rates of up to 20 bales per hour. This production rate would vary dependant on the loose density of material and the speed of the operators.

LARGE COLOUR TOUCH SCREEN

The twin ram fully automatic balers are controlled via a large colour touch screen for operating the machine and making adjustments where required.

The functions of the machine and adjustments can be made easily which typically include the following:-

- Number of wires / straps per bale
- Position of the wires / straps
- Main ram pressure
- Auto / manual operation
- Start / stop feed conveyor
- Bale counter

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KEY FEATURES OF THE WIRE TYING SYSTEM

The Accent 470 wire tying system is an industry standard for twin ram wire tying systems. It can be programmed to put as many ties around the bale as required dependant on the material being baled.

- Pivot out spreader bar for servicing wear parts
- Four-wheel drive design
- Cycle time of under 3 seconds
- Tilt up knotter cover for daily maintenance
- All proximity switches
- Four twist knotter joint for added strength
- Multiple sides on cutter inserts

IN FEED CONVEYOR

The twin ram baler can be used as a standalone installation or as part of a larger recycling MRF system. It can also be used in conjunction with an in feed conveyor manufactured to suit exact requirements. An infeed Chain Conveyor can be used for the bulk loading of products and recyclable materials, including rigid plastics, cardboard, plastic bottles, cans and foam.

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