

The bundeld power



RAPAX 120.1

THE BIOMASS-ROUND BALER



FUNCTION

The material getting pressed is given to the feed bunker. A stable scraper chain supports and measures the material to the pressing chamber. The material is then collected by the stable roller in the pressing chamber and then formed from the inside out to a round bale. Through the "Rolling-Pressing-Method" the oxygen in this process which would lead to fermenting is pressed out of the bale. Once a certain density of the bale has been achieved, material supplying stops and the automatic binding process begins. In this process the bales are wrapped in a stretch foil or a net to keep a high compression. Afterwards the pressing chamber opens and throws the bales on the wrapping table. The pressing chamber then closes again and start with the next bale. The double-alarmed bale wrapper circles around the round bales and adds various coats (adjustable) around the bales and is airtightly sealed. Once the wrapping procedure is completed, the bales are rolled out of the machine and can be taken out for example with a wheel loader.

TECHNICAL DATA

- very low energy consumption of only "45 KW" with an energy-efficient electro-hydraulic system
- high material compression from 3:1 to 5:1
- special film formation especially made for extreme condition
- big volumed bunker of approx. 8m³
- low rate up to 55 Bales/h (depending on material and flowability)
- machine's weight approx. 10 T..
- motor of the network with 2 x 63A plug

FEATURES

- the standard in immobile execution
- manual and automatic service
- solid, stable and compact build
- with wireless remote control
- digital monitor to operate and control the machines
- film or net formation is possible

OPTIONAL

- bunker length according to the customer's wishes
- semi-portable on a trailer with 80 km/h carrier
- motor with a power generator of 100 kvA



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UNSELD Technic GmbH
Industriestraße 1
88525 Dürmentingen
Germany

Management
Thomas Finsterle
Markus Finsterle

Fon: 07371/93573-0
Fax: 07371/93573-29
info@unseld-technic.de
www.unseld-technic.de

THE ROUND BALES – A CLEAN SOLUTION

Wrapped material in the round bales provided with an easy handling are perfectly suitable for transport and allow an optimal storage. Through compressing and wrapping the remaining oxygen in the material are suppressed. The material will be therefore carefully stabilized and retains its chemical biological condition (durability) over a long time.

TO PRESS AND WRAP:

- House and industrial waste
- Urban waste
- Substitute fuel (EBS, RDF)
- Gras and corn silage
- Miscanthus
- Lucerne
- Wood chips
- Bagasse
- Green waste, bark
- Wools

FLEXIBLE USAGE - DOES EVERYTHING

Through a carefully considered system the RAPAX 120.1 is flexibly usable and is therefore a specialist in various different materials.

YOUR ADVANTAGE WITH US

- all spare parts starting from the storage can be delivered quickly
- access to remote maintenance for the control of the machines
- trial pressing on site with the customer's material (D, CH, AUT)

SERVICE & SPARE PARTS – TO QUICKLY GO ON

During the usage the machines are often exposed to a high load which inevitably leads to an abrasion. Most importantly is that the machines can pick up the production again as fast as possible. With our good equipped spare parts warehouse we can react quickly thus contain an interruption within a limit.

YOUR ADVANTAGES AT A GLANCE

- simple transportation and stacking
- very high bale density
- space-saving storage
- airtight sealing
- without a self-ignition
- keeps its caloric value
- environmentally friendly and clean storage
- without disturbing steel wires
- no fermenting process through the special baling
- and wrapping procedure



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