

SAPHIR 500 AT

HORIZONTAL

CENTRALIZED WASTE HANDLING

Our fully automated horizontal 50 ton baler meets the challenges by centralized waste handling in many businesses and organizations where huge volumes of recyclable paper-based and plastic wrapping are produced. We offer well-proven technology for special demands! The automatic tying and continuous baling allows multi-shift operation.



**Automatic
solution**



2-4.5 T/H

CAPACITY
CARDBOARD

600 KG

BALE WEIGHT (UP TO)
CARDBOARD

Optimal features

WELL PROVEN TECHNOLOGY

based on more than 50 years of experience

AUTO START

equipped with photocell start as standard

HIGH SPEED

fast throughput of the material

BALE COUNTER

PROGRESSIVE CUTTING SYSTEM

ADJUSTABLE BALE LENGTH

individual settings to meet your needs

CHOICE BETWEEN VERTICAL & HORIZONTAL AUTOMATIC TYING

great versatility to bale different sorts of material



Benefits for you

- + Enhanced productivity thanks to the automated process
- + Improved internal and external logistics
- + Safe and comfortable working environment
- + More profitable waste management and increased income from sales of recyclables

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INDUSTRIES

SAPHIR 500 AT

Smart fully automated solution

OPTIMIZED FOR:

PAPER

+ Paper sacks
+ Cardboard

PLASTIC

+ Shrink film
+ PET/ PEHD

METAL

+ Food cans
+ Paint cans

WOOD

+ Crates

CONTINUOUS FEEDING AND OUTPUT

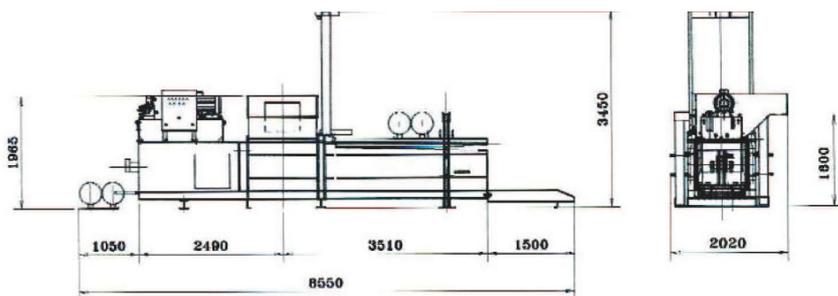
A completely automated waste management solution designed for continuous infeed, automatic horizontal or vertical strapping system with adjustable wire links, which enable you to yield optimal output.

A VARIETY OF INFEED OPTIONS

To fit the conditions in your environment, the Saphir horizontal balers offer a wide choice of infeed systems: manual, by bin, air-transport or conveyor belt.

Our balers can also easily be equipped with shredders, bottle presses, rufflers, strippers and different types of hoppers.

SAPHIR 500 AT



OPTIONS

- + HORIZONTAL TYING
- + BIN LIFTER
- + CONVEYOR BELT
- + COOLING & HEATING SYSTEMS
- + STAMPER

More special options on demand

DIMENSIONS & SPECIFICATIONS

TECHNICAL DATA

| MODEL | 500 AT |
|---|----------------|
| Machine dimensions (LxWxH mm without bale exit) | 7700x1850x3450 |
| Feed opening (mm) | 1400 x 1000 |
| Infeed capacity (m ³) | 1.12 |
| Press force (t) | 50/60 |
| Motor (kW / Hp) | 15/22 |
| Surface pressure (kg/cm ²) | 6.25 |
| Cycles per minute | 2/3 |
| Channel section (mm) | 1000 x 800 |
| Oil tank capacity (L) | 400/500 |
| Total machine weight (kg) | 8500/9000 |
| Production rate with load (m ³ /h) | 80/150 |
| Production accord. density (t/h) | 2.5-4.5 |
| Automatic binding | 4 wires Ø 3.2 |
| Bale size (mm) | 1000x800x |
| adjustable length | 800-2150 mm |
| Bale weight cardboard (kg) | 400-600 kg |
| <i>depends on bale length</i> | |



OPTION: CONVEYOR BELT



OPTION: BIN LIFTER

We reserve the right to make changes to specifications without prior notice. Bale weights are dependent upon material type.