

# 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

# 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

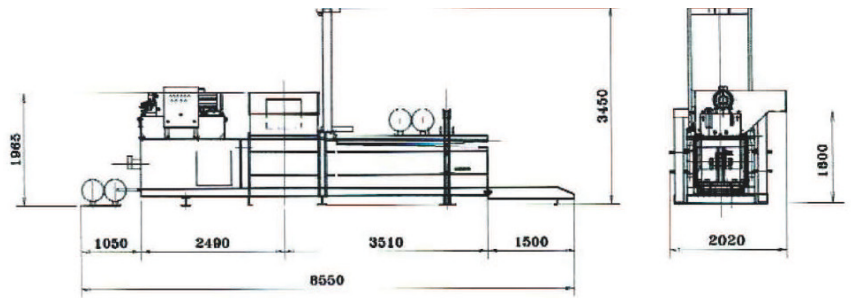
A completely automated waste management solution designed for continuous infeed, automatic horizontal or vertical strapping system with adjustable wire links, which enable you to yield optimal output.

### 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 x1000
Infeed capacity (m <sup>3</sup> )	1.12
Press force (t)	50/60
Motor (kW / Hp)	15/22
Surface pressure (kg/cm <sup>2</sup> )	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 <sup>3</sup> /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.