

# CLOSED-END COMPACTION SOLUTION FOR MORE PROFITABLE WASTE HANDLING

**ORWAK**  
**SEMI-AUTO  
HORIZONTAL  
BALERS**



## **SEMI-AUTOMATIC HORIZONTAL BALERS 1540-1550-1560**

Compact design, yet high-density bales! The Orwak closed-end horizontal balers are compact size and come with manual bale tying. They are ideal for business with big volumes of recyclable material when vertical balers are too labor intensive or where bulk loading is required.

 **ORWAK**  
PART OF SULO GROUP

# SEMI-AUTOMATICS; PERFECT FOR YOUR BUSINESS



This range of semi-automatic balers is ideal when you are looking for a compact size indoor waste compaction solution and the volumes surpass what is effective to handle with vertical balers.

## WHAT IS A SEMI-AUTO BALER?

The semi-automatics are small horizontal balers. The compaction cycles are automatic, while the bale tying is manual. The material is compacted against the closed-end of the press channel ensuring high-density bales.

## MANUAL BALE TYING

When the press chamber is full, the operator ties the bale manually. A four-fold strapping or wire binding provides a firm grip of the bale.

## SEMI-AUTO BALE EJECTION

When a bale is ready, the operator simply pushes two buttons to eject it on a pallet for easy removal by forklift.

## PLENTY OF FEED OPTIONS

The semi-automatics can be fed manually from the ground or a dock, by bin lifter, chute, conveyor or forklift.

## WHY SEMI-AUTOMATIC BALERS?

- High-capacity compaction of large waste volumes into dense bales
- Require little space and can be placed indoors
- Generous infeed and automated compaction means convenient waste disposal for the staff
- Generate mill-size bales for delivery to the recycling industry
- Cost effective waste solution

## BROAD APPLICATION AREAS

**Optimized for different types of paper, cardboard, plastic film, PP Big Bags and (pierced) PET bottles.**

Our semi-automatic horizontal balers are perfect in any environment where big volumes of recyclables need to be taken care of and the volume exceeds what is productive to handle in a vertical baler:

**Retailers**  
**Manufacturing**  
**industries**  
**Recyclers**

**Warehouses**  
**Distribution**  
**centers**



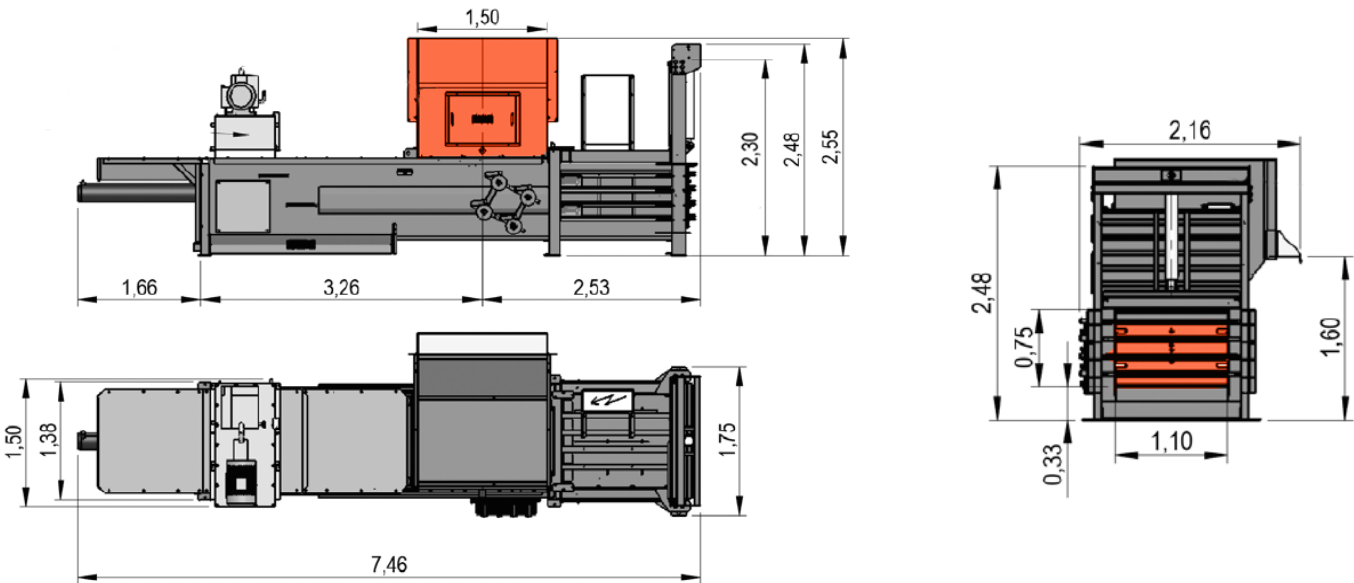
# ORWAK SEMI-AUTOMATIC HORIZONTAL BALER

## 1540-1550-1560



### MACHINE DIMENSIONS

	LENGTH (L)	WIDTH (W)	HEIGHT (H)	INFEED OPENING	CHANNEL SECTION
SEMI-AUTO 1540-1550-1560	7460 mm	2160 mm	2550 mm	1500x1100 mm	1100 x 750 mm



### TECHNICAL DATA

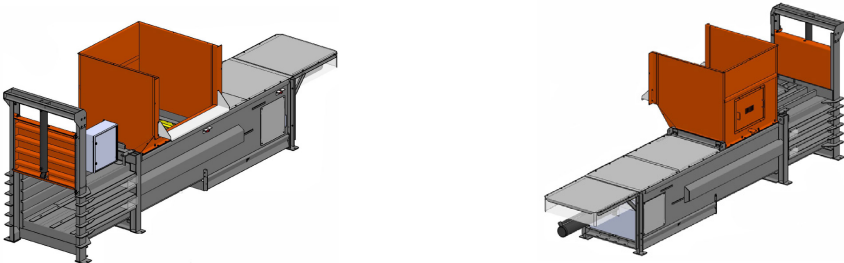
MODEL	LOADING VOLUME	CYCLE TIME	MOTOR	PRESS FORCE	SURFACE PRESSURE	BALE SIZE HxDxL (IN THE CHAMBER)	BALE BINDING	BALE WEIGHT	MACHINE WEIGHT	OIL TANK
1540	1.25 m³	58 s	7.5 kW	40 ton, 400 kN	4.8 kg/cm²	1100x750x900-1300 mm*	4-fold	up to 500 kg**	4750 kg	170 L
1550	1.25 m³	39 s	15 kW	50 ton, 500 kN	6.1 kg/cm²	1100x750x900-1300 mm*	4-fold	up to 550 kg**	4900 kg	300 L
1560	1.25 m³	52 s	15 kW	60 ton, 600 kN	7.3 kg/cm²	1100x750x900-1300 mm*	4-fold	up to 600 kg**	5050 kg	300 L

\*The bale length can expand by 10-20% after ejection from the baler.

\*\*Cardboard, for bale weights for other types of material, contact us.

Operating power: 3x400 V, 50 Hz, fuse 32 A

We reserve the right to make changes to specifications without prior notice.



## BEST FEATURES

For an enhanced user experience, the semi-automatic range comes with smart and convenient standard features.



### PORTCULLIS DOOR

Sturdy vertical door that opens automatically.



### AUTO START

Equipped with photocell start and a selector for easy switch between manual and automatic operation.



### OPERATING PANEL

Modern user-friendly operating panel with status indicators and commands for bale ejection and manual operation.

## OPTIONS & ACCESSORIES

A wide range of accessories and options make great machines even better and tailor the semi-automatics to your needs.



### HOPPERS

Different types and sizes



### BIN LIFTER

For infeed from four-wheeled bins



### CHUTES/CONVEYORS

For automated infeed of big waste volumes



### STRAP HOLDERS



### OIL COOLER/HEATERS



### OPTICAL WARNING AUTO START

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