

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

# CLOSED-END COMPACTION SOLUTION FOR MORE PROFITABLE WASTE HANDLING



## **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 businesses 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

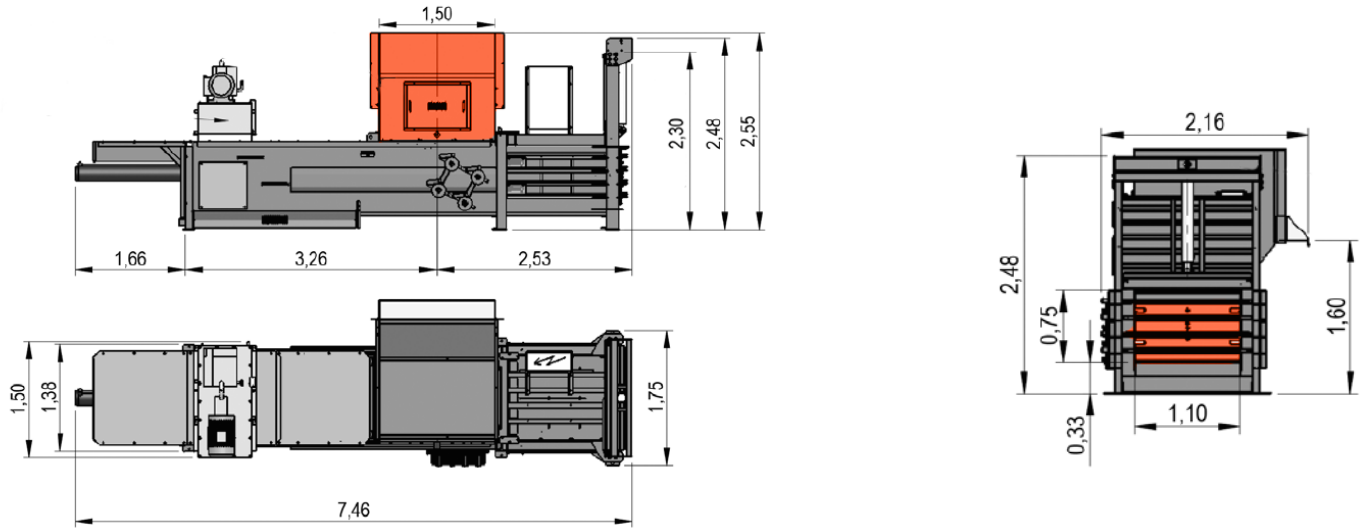
## 1540-1550-1560



### MACHINE DIMENSIONS

	LENGTH (L)	WIDTH (W)	HEIGHT (H)	INFEED OPENING	CHANNEL SECTION
<b>SEMI-AUTO 1540-1550-1560</b>	294'	85"	100"	59"x43"	43" x 29"

Dimensions in meters



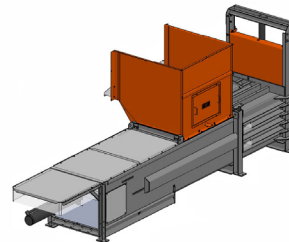
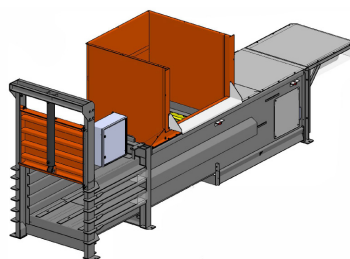
### TECHNICAL DATA

MODEL	LOADING VOLUME	CYCLE TIME	MOTOR	PRESS FORCE	SURFACE PRESSURE	BALE SIZE HxDxL (IN THE CHAMBER)	BALE BINDING	BALE WEIGHT	MACHINE WEIGHT	OIL TANK
<b>1540</b>	44 ft <sup>3</sup>	58 s	7.5 kW	88,200 lbs	68.3 psi	43"x30"x35-51"*	4-fold	up to 1100 lbs**	10,472 lbs	38 gal
<b>1550</b>	44 ft <sup>3</sup>	39 s	15 kW	110,200 lbs	86.8 psi	43"x30"x35-51"*	4-fold	up to 1210 lbs**	10,803 lbs	66 gal
<b>1560</b>	44 ft <sup>3</sup>	52 s	15 kW	132,300 lbs	103.8 psi	43"x30"x35-51"*	4-fold	up to 1320 lbs**	11,133 lbs	66 gal

\*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: 3 x 440V-480V, 60 hz, Fuse 20 A (60 A total)  
We reserve the right to make changes to specifications without prior notice.

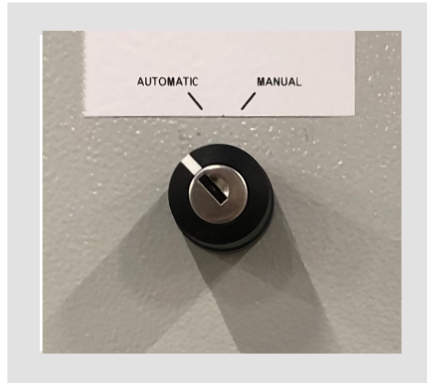


# BEST FEATURES

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.



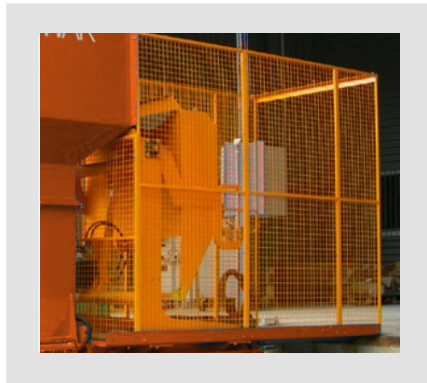
**OPERATING PANEL**  
Modern user-friendly operating panel with status indicators and commands for bale ejection and manual operation.

# 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**