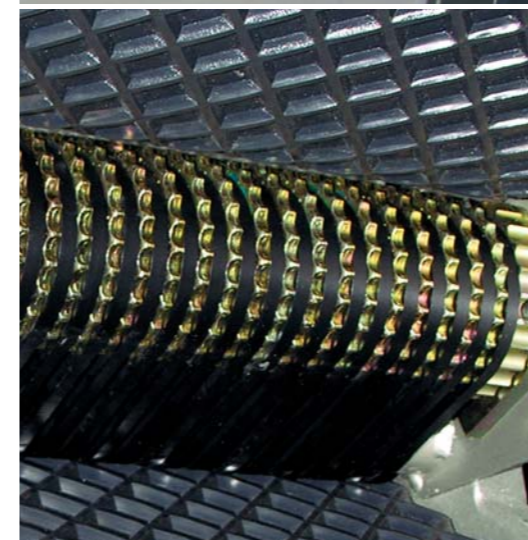
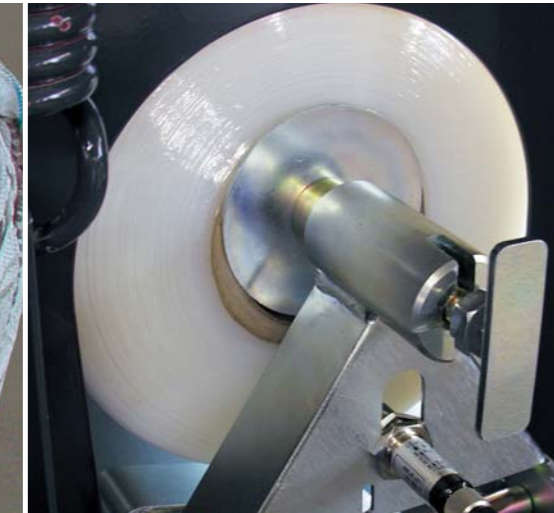


## RC 650 · RC 655 · RC 660 Roll Compactor

Technical Data WELGER Roll Compactor	RC 650	RC 655	RC 660
<b>Dimensions</b>			
depth	1600 mm	1600 mm	1500 mm, with ramp 2100 mm
width	940 mm	940 mm	900 mm
height	1800 mm	1800 mm	1630 mm, with hopper 1755 mm
height of feed table	1060 mm	1060 mm	–
width of feed table	600 mm	600 mm	–
weight	675 kg	675 kg	750 kg
Bale diameter	up to 400 mm	up to 400 mm	up to 400 mm
	–	3 steps pre-selectable	3 steps pre-selectable
Bale length	600 mm	600 mm	600 mm
Bale weight, depending on baling material	up to 30 kg	up to 30 kg	up to 30 kg
Bale density, depending on baling material	250 - 400 kg/m <sup>3</sup>	250 - 400 kg/m <sup>3</sup>	250 - 400 kg/m <sup>3</sup>
Throughput	up to 300 kg/h	up to 300 kg/h	up to 300 kg/h
Catchment speed	0,36 m/s	0,36 m/s	0,36 m/s
Binding material stretch wrap film 23 µm	•	•	•
diameter	250 mm	250 mm	250 mm
width	580 - 595 mm	580 - 595 mm	580 - 595 mm
other films on request	◦	◦	◦
Binding and bale ejection	semi automatic	fully automatic	fully automatic
Colour scheme (RAL 7038)	•	•	•
Three-phase gear motor	3 kW	3 kW	2.2 kW
<b>Electrical controls</b>			
with automatic overload protection	•	•	•
Reversed operation	semi-automatic	semi-automatic	fully automatic
Lockable main switch	•	•	•
Indication of bale diameter	LED	LC display	LC display
Signals indicating maximum filling level	acoustic	acoustic +optical	fully automatic
Signals indicating interference	–	–	•
Safety switch panels at feed table	•	•	–
Guards and doors secured by	safety position switch	safety position switch	safety position switch
Time-relay with adjustable operating time	•	•	controlled by light barrier
Bale counter	•	•	•
Operating hour meter	•	•	•

The electrical equipment corresponds to the VDE regulations. When connecting to supply the regulations of the relevant local authorities have to be observed. The power supply has to be secured by at least 16 Amp (slow blowing) on the building side. Subject to alterations. The details and diagrams provided in this pamphlet are approximate and, apart from the standard scope of supply, may also include special accessories.  
(• standard, – not available, ◦ optional)



# Roll Compactor from Welger – Universal and economical in use.

Welger products with their high degree of automation offer the advantage of the integration into almost all operational processes in trade and industry. Our solutions tailored to the market, allow the pure processing of most different materials already at the waste site .

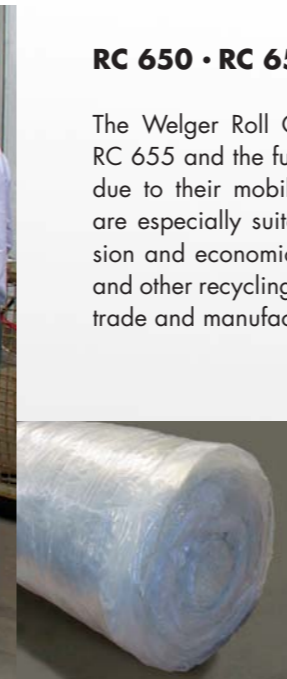
Equipped with special aggregates they can also be used in many areas with increased safety requirements, e.g. in the chemical industry. In the context of the „Waste Logistic“ our engineers develop tailor-made disposal concepts and integrate these in our products.

Our customers take profit from our experiences in almost all lines of business, industry and trade.

This way extensive engineering advice leads to individual system solutions.

## Occurring recycling materials:

- Bigbags
- Films (wrapping, shrink and blister films)
- Cardboard packaging
- Plastic foam packaging
- Paper-/Paper punching residues
- Plastic foams
- Fleece materials
- Other materials



## RC 650 · RC 655 · RC 660

The Welger Roll Compactors RC 650, RC 655 and the fully automatic RC 660 due to their mobile and compact style are especially suitable for the compression and economic disposal of packing and other recycling materials in the retail trade and manufacturing industry.



# RC 650 · RC 655

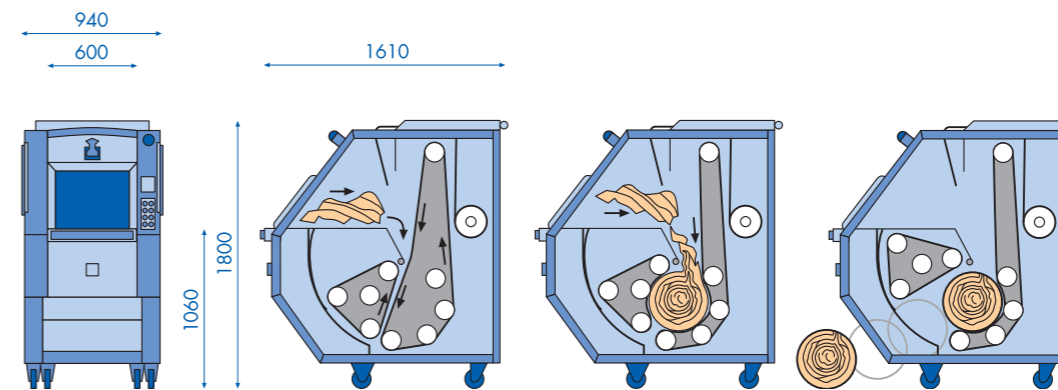
## Intense strength without space wasting.

The economical disposal presupposes purely collecting of the recycling materials. This can be carried out simple and effective directly at the point where these materials occur. At these places our small, compact and mobile roll compactors can work very well saving space and time.

The Welger Roll Compactors RC 650 and RC 655 compress voluminous waste material by rolling it to cylindrical bales in the easiest way on the narrowest place.

### Advantages at a glance:

- Compact design, flexible use due to wheel under-carriage
- Indestructible in constant daily use with high operation comfort
- Automatic wrapping technique
- Improved hygienic conditions at works, extremely safe in daily operation
- Remarkable cost saving operation by a low deployment of labour and by reduced effort of storage, transportation and disposal



Welger Roll Compactors RC 650 and RC 655 are equipped with the worldwide approved Welger-waste roller aggregate with material move by two wide, circulating conveying belts with gripping structure profile. These belts form a round bale chamber in which the compression of the introduced material is carried out. Film wrapping and automatic ejecting will be carried out after achieving the pre-selected diameter.

### RC 650 · RC 655

Due to their compact and mobile design both Roll Compactors can be integrated into operational processes almost at every place where recycling materials occur to compact big bags, films, cardboard packages, plastic straps, paper stripes, foam packaging and matting material, fleece materials and many other special materials for disposal.

### Description of working method:

After being cleanly sorted the recycling material can be put manually on the table of the machine. Once kept by the conveying belt it is led into the compacting chamber and formed to a roll by rotation action of two belts.

With a progressive material supplying the two conveying belts form a cylindrical bale in which the pressing material is compacted.

The charging can be interrupted as needed in the manufacturing process. During every interruption the material remains compact under permanent pressure. Therefore the waste cannot re-expand in the machine.

The filling level is shown continuously via a LED display. After achieving the pre-selected bale size (at the model RC 655 three bale diameters can be selected) the wrapping is started manually by putting the binding material into the feed intake. The bales are wrapped with wrapping film automatically.

After the wrapping process is completed, the film is cut off by a cutting device. The baling chamber can be opened electrically by using the control knobs of the operating console and will be closed again after having ejected the bale automatically. At the RC 655 the windings of the bale during wrapping are counted by an initiator. After completion cutting the film as well as ejecting of the wrapped bale are carried out fully automatically.

### Special equipment:

The combination with a special aggregate allows the use of the Welger Roll Compactors in many areas of the chemical industry. The materials contaminated with residual and dangerous dusts are exhausted at the intake zone and thus contamination loads are reduced to a minimum.



# RC 660 • Compact in size and fully automatic operation.



The new development of Welger is a consistent step for the rationalization and full automation of the internal disposal of recycling materials.

The Welger Roll Compactor RC 660 works with most different, cleanly sorted packaging materials. Especially re-expanding waste can be reduced down to 10% of its original volume.



## Advantages at a glance:

- Extremely compact style, flexible use by wheel undercarriage
- Indestructible in daily use with high operation comfort
- Remarkable cost saving operation by a low deployment of labour and by reduced effort of storage, transportation and disposal
- Fully automatic operation, improved hygienic conditions on site, extremely safe in daily operation

## RC 660

The Welger RC 660 is a newly developed baling press, compressing voluminous materials like big bags, plastic films, cardboard packaging, plastic straps, paper and paper stripes, foam material, fleece substances and many other special materials to cylindrical bales.

With more supplied material the two conveying belts form a round bale of the compressed waste.

The charging can be interrupted as necessary and continued at any time. Even strongly re-expanding materials remain compressed.

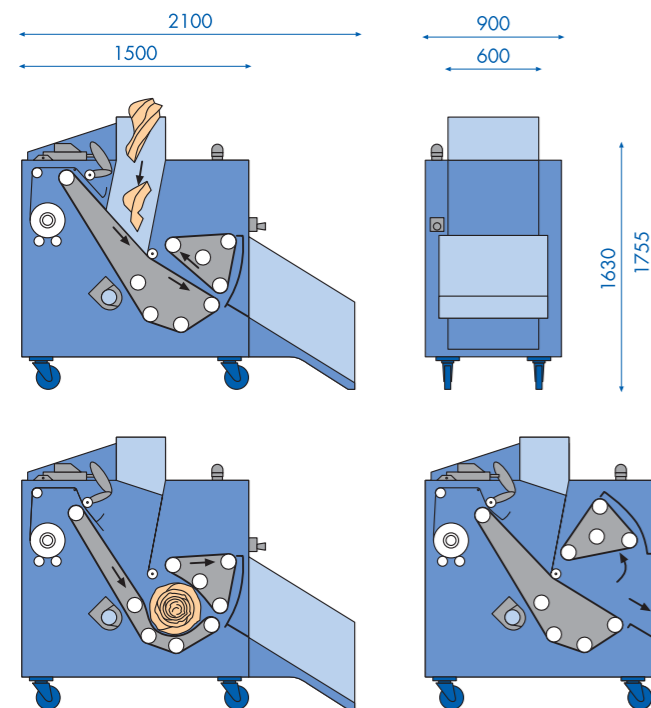
## Description of working method:

The waste material fully automatically supplied over conveyor belt or air technology. It is collected in a filling funnel, where a light barrier is integrated. The baler is started automatically after being triggered through the light barrier. The pressing material is then rotated in the bale chamber formed by the two conveyor belts. After the baler has processed the waste material the light barrier recognises the empty funnel and switches the RC 660 to the "stand by" mode.



The filling level is shown on operator's panel continuously via a LC display. If the pre-selected bale diameter is achieved, the wrapping process is started automatically, by inserting the wrapping film into the bale chamber. By continuously rotating the bale in the chamber it is wrapped with the wrapping film automatically.

An initiator counts the wraps on the bale and releases the cutting device automatically. After that the bale ejecting door is opened automatically and the finished bale is ejected. The door then shuts itself automatically.



The Welger Roll Compactor RC 660 has the worldwide approved and optimised Welger system of the rolling compression. Material move and compression are carried out by special circulating conveying belts with special gripping structure profile. Because of the construction of the baler the compressed material cannot re-expand in the bale chamber also at interruption of the baling process.



## Equipment:

The RC 660 works exclusively with wrapping film. The consumption of film is shown at the display and the film role can be replaced in a few easy steps.

