

# S1W Baler

## C-Series



The fully automatic S1W baler is particularly suitable for pressing tin and aluminium cans into highly compressed packages. These highly efficient balers are characterized by their very stable construction, performance, and long service lives.

The closed, robust press box and the high pressing forces of 650kN to 1200kN ensures maximum compression up to 1300 respectively up to 1600kg/m<sup>3</sup>. The pressing process is carried out against the automatic press chamber door. The dimensions and weights of the pressed packages also meet steelworks specifications.

Kadant PAAL was founded in 1854 in Osnabrück, Germany. Since its introduction of the first continuously operated horizontal baler in 1960, PAAL has delivered more than 30,000 machines and today is the #1 channel baler manufacturer in Europe.

### S1W C-Series Baler Overview



#### Features

- Compact construction
- High resistant wear steel plates mounted at the press chamber
- Bolted fixing
- Touch panel KTP 400 facilitates the operation of the machine through recipe management and a comprehensive display of data
- Automatic, hydraulically operated tunnel door is self-cleaning



#### Benefits

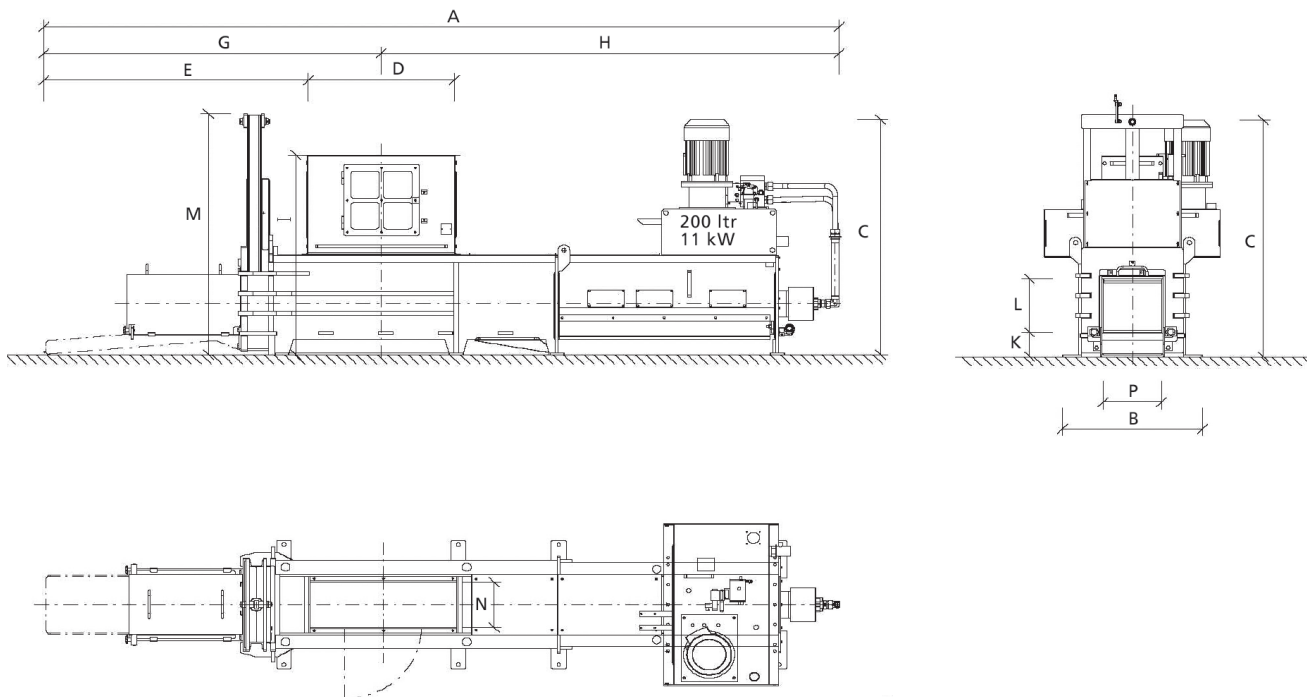
- Significant reduction of space
- Increased life of baler
- Easy and quick replacement
- High bale density

# PAAL<sup>®</sup>

## Technical Data and Measurements

S1W C-SERIES		S1W1-1 C	S1W1-3 C	S1W3-3 C	S1W4-3 C
Pressing force	t (kN)	65 (633)	65 (633)	101 (990)	122 (1197)
Spec. pressing force	N/cm <sup>2</sup>	396	396	396	479
Tunnel cross section	cm	40 x 40	40 x 40	50 x 50	50 x 50
Hopper opening	cm	100 x 34	100 x 34	120 x 42	120 x 42
Driving power	kW	15	15   22	37   45	37   45
Capacity under load (input density: 80 kg/m <sup>3</sup> )	max. m <sup>3</sup> /h	6.7	18-37   21-41	33-64   34-66	27-53   29-55
Bale density at metal cans (input density: 135 kg/m <sup>3</sup> )	ca. kg/m <sup>3</sup>	1300	1300*	1300*	1600*

\* Only 1 stroke/packet



	A	B	C	D	E	G	H	I	K	L	M	N	P
S1W1-1 C	5445	960	1861	1000	1809	2309	3136	1500	180	400	1810	340	400
S1W1-3 C	6550	960	1953	1000	2360	2860	3692	1500	180	400	1810	340	400
S1W4-1 C	6818	1060	2053	1200	2080	2680	4139	1590	180	500	2320	420	500
S1W1-3 C	7768	1060	2053	1200	2680	3280	4490	1590	180	500	2320	420	500

Dimensions are in millimetres.

Specifications are for reference only and subject to change.