

**BORMET**

# SCREENINGS WASHING COMPACTOR RWK



**Spaans Babcock**

# Screenings Washing Compactor RWK

The BORMET Screenings Washing Compactor first washes screenings to remove organic compounds then dewater and compacts the screenings to reduce the water content and reduce the volume for disposal.

## Design Features

The BORMET Washing Compactor RWK is designed to gently mix and wash the screenings with water to remove both soluble and insoluble organic compounds. This is done using two specially designed mixing shafts and blades at a very low rotational speed

and a minimum consumption of spray water in the insertion and mixing zone. A deep water bath ensures excellent removal capabilities. The screenings are moved through the mixing zone and then pass into the transportation and dewatering zone. The twin screw conveyor design provides superior water removal through a screen.

The screenings then pass into the compaction zone where volume reductions of up to 70% are achieved.

The BORMET washing compactor is extremely flexible in design and can be fabricated to suit any configuration and layout. It is also adaptable to fit any existing equipment. The washer compactor can also be fabricated from either 304 or 316 stainless steel. The drive systems are designed for each machine size to maximize power usage and can be custom designed to suit each application.



*Fine screen*

*Washing compactor  
with fine screen*



## Easy Maintenance

Due to the simplicity of the design and construction, the BORMET washing compactor is easily inspected and maintained. All maintenance and repairs can be carried out without any special training or special tools. Due to the low rotational speeds, wear is kept to a minimum and all drive and bearing equipment is accessible from the outside of the machine.

## Advantages

- Volume reductions up to 70%
- Weight reductions up to 80%
- DS content reduced up to 50%
- Low disposal costs due to the large volume and weight reductions
- Low wash water consumption
- Low energy costs
- Easily adaptable to suit existing equipment
- Low maintenance costs due to low rotational speeds



*Fine screen with  
washing compactor*

**Spaans Babcock bv**

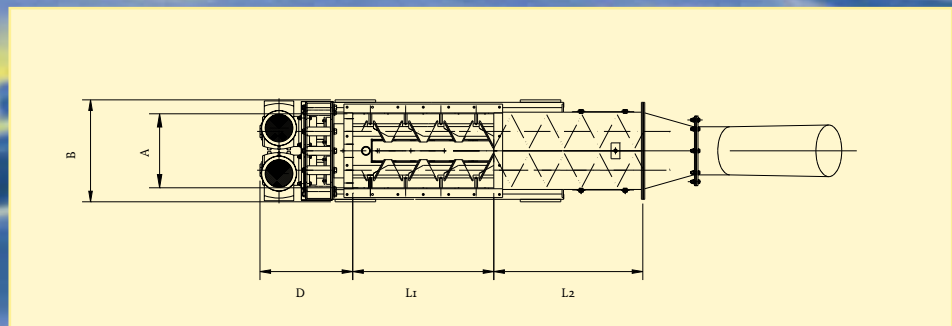
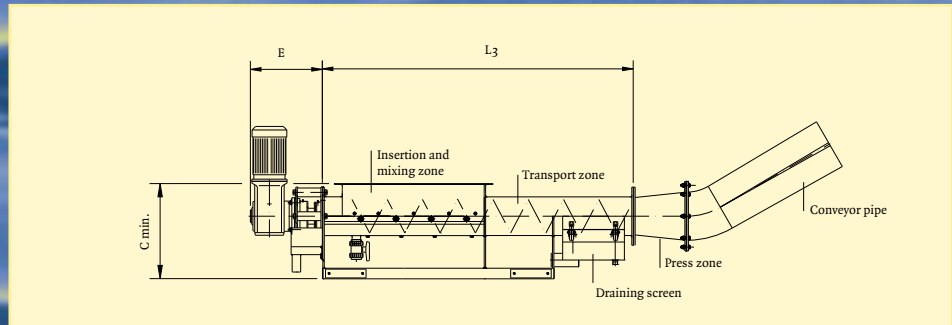
P.O. Box 79  
8560 AB Balk  
the Netherlands

Meerweg 26  
8561 AV Balk  
the Netherlands

Tel. +31 (0)514 60 82 82  
Fax +31 (0)514 60 44 85

E-Mail  
sales@spaansbabcock.nl  
Internet  
www.spaansbabcock.com

Commercial register  
Amsterdam 34004868



The machine, depending on the max. screenings amount, is supplied in 4 series:

Type		RWK 20	RWK 30	RWK 40	RWK 50
Throughput capacity at the screenings pipe Q max.	m <sup>3</sup> /h	2,0	4,0	8,0	14,0
Water consume at max. standing circulation	m <sup>3</sup> /h	0,5	1,0	1,5	2,0
Geared motor rated	kW	2 x 1,5	2 x 2,0	2 x 2,5	2 x 3,5

Series	A	B	C	D	E	L1	L2	L3
RWK 20	440	552	540	763	659	800	848	1752
RWK 30	649	761	655	717	592	1000	1048	2172
RWK 40	804	924	737	902	776	1200	1306	2631
RWK 50	1012	1136	857	1037	887	1500	1610	3260

Note: The dimensions L1 and L2 are minimum dimensions in mm and could be elongated after consultation.